

7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: _____
Lab Code: CHEM Case No.: BM042524 SAS No.: BM042524 SDG No.: BM042524
Instrument ID: BNA_M Calibration Date/Time: 4/25/2024 1:17:14
Lab File ID: BM045566.D Init. Calib. Date(s): _____
EPA Sample No.: SSTD0.4095 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	0.599	0.010	16.2232	40.0
1,4-Dioxane-d8	0.536	0.577	0.010	7.5658	40.0
Naphthalene	1.074	1.051	0.600	-2.1569	30.0
1-Methylnaphthalene	0.688	0.636	0.300	-7.4865	30.0
2-Methylnaphthalene	0.614	0.597	0.300	-2.622	30.0
Acenaphthylene	1.973	2.060	0.900	4.4126	30.0
Acenaphthene	1.465	1.425	0.500	-2.7507	30.0
Fluorene	1.567	1.445	0.700	-7.8108	30.0
Pentachlorophenol	0.080	0.108	0.010	35.3765	50.0
Phenanthrene	1.165	1.087	0.300	-6.6926	30.0
Anthracene	1.090	1.116	0.400	2.3745	30.0
Fluoranthene	1.846	1.539	0.400	-16.6183	30.0
Pyrene	1.897	1.649	0.500	-13.1059	30.0
Benzo (a) anthracene	1.279	1.411	0.400	10.3479	30.0
Chrysene	1.966	1.787	0.400	-9.0895	30.0
Benzo (b) fluoranthene	1.346	1.295	0.200	-3.7785	30.0
Benzo (k) fluoranthene	1.700	1.603	0.200	-5.6932	30.0
Benzo (a) pyrene	1.395	1.388	0.200	-0.5038	30.0
Indeno (1,2,3-cd) pyrene	2.028	2.005	0.200	-1.1398	30.0
Dibenzo (a,h) anthracene	1.609	1.576	0.200	-2.0273	30.0
Benzo (g,h,i) perylene	1.822	1.674	0.200	-8.1434	30.0
Fluoranthene-d10	1.259	1.062	0.400	-15.6414	30.0
2-Methylnaphthalene-d10	0.528	0.505	0.300	-4.2588	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.: BM042524 SAS No.: BM042524 SDG No.: BM042524
Instrument ID: BNA_M Calibration Date/Time: 4/26/2024 1:03:02
Lab File ID: BM045581.D Init. Calib. Date(s): _____
EPA Sample No.: SSTD0.4096 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	0.583	0.010	12.9911	40.0
1,4-Dioxane-d8	0.536	0.618	0.010	15.2722	40.0
Naphthalene	1.074	1.063	0.600	-1.0254	30.0
1-Methylnaphthalene	0.688	0.658	0.300	-4.3727	30.0
2-Methylnaphthalene	0.614	0.626	0.300	2.0891	30.0
Acenaphthylene	1.973	2.157	0.900	9.3301	30.0
Acenaphthene	1.465	1.476	0.500	0.7493	30.0
Fluorene	1.567	1.505	0.700	-3.9279	30.0
Pentachlorophenol	0.080	0.108	0.010	35.598	50.0
Phenanthrene	1.165	1.115	0.300	-4.3086	30.0
Anthracene	1.090	1.142	0.400	4.803	30.0
Fluoranthene	1.846	1.599	0.400	-13.3637	30.0
Pyrene	1.897	1.705	0.500	-10.1303	30.0
Benzo (a) anthracene	1.279	1.512	0.400	18.2869	30.0
Chrysene	1.966	1.825	0.400	-7.1459	30.0
Benzo (b) fluoranthene	1.346	1.325	0.200	-1.5504	30.0
Benzo (k) fluoranthene	1.700	1.505	0.200	-11.4968	30.0
Benzo (a) pyrene	1.395	1.389	0.200	-0.4991	30.0
Indeno (1,2,3-cd) pyrene	2.028	2.006	0.200	-1.0921	30.0
Dibenzo (a,h) anthracene	1.609	1.556	0.200	-3.274	30.0
Benzo (g,h,i) perylene	1.822	1.684	0.200	-7.6044	30.0
Fluoranthene-d10	1.259	1.095	0.400	-13.0598	30.0
2-Methylnaphthalene-d10	0.528	0.491	0.300	-6.9816	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.: BM042524 SAS No.: BM042524 SDG No.: BM042524
Instrument ID: BNA_M Calibration Date/Time: 4/26/2024 1:13:55
Lab File ID: BM045589.D Init. Calib. Date(s): _____
EPA Sample No.: SSTD0.4097 Init. Calib. Time(s): _____
GC Column: ZB-GR ID: 0.25 (mm)

COMPOUND	RRF	RRFCAL	MIN RRF	%D	MAX%D
1,4-Dioxane	0.516	0.531	0.010	2.9909	40.0
1,4-Dioxane-d8	0.536	0.611	0.010	14.0048	40.0
Naphthalene	1.074	1.079	0.600	0.4741	30.0
1-Methylnaphthalene	0.688	0.673	0.300	-2.2009	30.0
2-Methylnaphthalene	0.614	0.606	0.300	-1.2319	30.0
Acenaphthylene	1.973	2.214	0.900	12.2362	30.0
Acenaphthene	1.465	1.465	0.500	0.0238	30.0
Fluorene	1.567	1.469	0.700	-6.2762	30.0
Pentachlorophenol	0.080	0.113	0.010	41.0941	50.0
Phenanthrene	1.165	1.070	0.300	-8.1202	30.0
Anthracene	1.090	1.141	0.400	4.6983	30.0
Fluoranthene	1.846	1.492	0.400	-19.1766	30.0
Pyrene	1.897	1.599	0.500	-15.7095	30.0
Benzo (a) anthracene	1.279	1.475	0.400	15.3851	30.0
Chrysene	1.966	1.693	0.400	-13.9033	30.0
Benzo (b) fluoranthene	1.346	1.271	0.200	-5.5575	30.0
Benzo (k) fluoranthene	1.700	1.400	0.200	-17.6202	30.0
Benzo (a) pyrene	1.395	1.333	0.200	-4.5108	30.0
Indeno (1,2,3-cd) pyrene	2.028	1.978	0.200	-2.4931	30.0
Dibenzo (a,h) anthracene	1.609	1.536	0.200	-4.5302	30.0
Benzo (g,h,i) perylene	1.822	1.637	0.200	-10.1805	30.0
Fluoranthene-d10	1.259	1.009	0.400	-19.918	30.0
2-Methylnaphthalene-d10	0.528	0.510	0.300	-3.3111	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.: BM042524 SAS No.: BM042524 SDG No.: BM042524

Instrument ID: BNA_M Calibration Date/Time: 4/27/2024 1:01:53

Lab File ID: BM045605.D Init. Calib. Date(s): _____

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

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

COMPOUND	RRF	RRFCAL	MIN RRF	%D	MAX%D
1,4-Dioxane	0.516	0.550	0.010	6.7012	50.0
1,4-Dioxane-d8	0.536	0.551	0.010	2.8446	50.0
Naphthalene	1.074	1.089	0.600	1.3717	50.0
1-Methylnaphthalene	0.688	0.658	0.300	-4.3527	50.0
2-Methylnaphthalene	0.614	0.606	0.300	-1.2321	50.0
Acenaphthylene	1.973	2.109	0.900	6.9069	50.0
Acenaphthene	1.465	1.424	0.500	-2.8171	50.0
Fluorene	1.567	1.432	0.700	-8.5959	50.0
Pentachlorophenol	0.080	0.098	0.010	23.1471	50.0
Phenanthrene	1.165	1.136	0.300	-2.4457	50.0
Anthracene	1.090	1.197	0.400	9.8621	50.0
Fluoranthene	1.846	1.550	0.400	-16.0219	50.0
Pyrene	1.897	1.672	0.500	-11.8517	50.0
Benzo (a) anthracene	1.279	1.495	0.400	16.9199	50.0
Chrysene	1.966	1.701	0.400	-13.4894	50.0
Benzo (b) fluoranthene	1.346	1.251	0.200	-7.0244	50.0
Benzo (k) fluoranthene	1.700	1.467	0.200	-13.727	50.0
Benzo (a) pyrene	1.395	1.335	0.200	-4.32	50.0
Indeno (1,2,3-cd) pyrene	2.028	1.959	0.200	-3.4316	50.0
Dibenzo (a,h) anthracene	1.609	1.510	0.200	-6.1353	50.0
Benzo (g,h,i) perylene	1.822	1.632	0.200	-10.4695	50.0
Fluoranthene-d10	1.259	1.062	0.400	-15.6749	50.0
2-Methylnaphthalene-d10	0.528	0.510	0.300	-3.3236	50.0

All other compounds must meet a minimum RRF of 0.010.

Report of Analysis

Client:		Date Collected:	4/24/2024 12:00:00 AM
Project:		Date Received:	4/24/2024 12:00:00 AM
Client Sample ID:	SBLK494	SDG No.:	BM042524
Lab Sample ID:	PB160494BL	Matrix:	Water
Analytical Method:	SFAM_SVOASIM	% Moisture:	100
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM045567.D	1	4/24/2024 12:00:00 AM	4/25/2024 12:00:00 AM	PB160494

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	0.029	U	0.029	0	0.2	ug/L
91-20-3	Naphthalene	0.0043	U	0.0043	0.05	0.1	ug/L
90-12-0	1-Methylnaphthalene	0.015	U	0.015	0.05	0.1	ug/L
91-57-6	2-Methylnaphthalene	0.0053	U	0.0053	0.05	0.1	ug/L
208-96-8	Acenaphthylene	0.012	U	0.012	0.05	0.1	ug/L
83-32-9	Acenaphthene	0.0074	U	0.0074	0.05	0.1	ug/L
86-73-7	Fluorene	0.0067	U	0.0067	0.05	0.1	ug/L
87-86-5	Pentachlorophenol	0.063	U	0.063	0.1	0.2	ug/L
85-01-8	Phenanthrene	0.0068	U	0.0068	0.05	0.1	ug/L
120-12-7	Anthracene	0.008	U	0.008	0.05	0.1	ug/L
206-44-0	Fluoranthene	0.0079	U	0.0079	0.05	0.1	ug/L
129-00-0	Pyrene	0.006	U	0.006	0.05	0.1	ug/L
56-55-3	Benzo(a)anthracene	0.0036	U	0.0036	0.05	0.1	ug/L
218-01-9	Chrysene	0.0077	U	0.0077	0.05	0.1	ug/L
205-99-2	Benzo(b)fluoranthene	0.013	U	0.013	0.05	0.1	ug/L
207-08-9	Benzo(k)fluoranthene	0.0098	U	0.0098	0.05	0.1	ug/L
50-32-8	Benzo(a)pyrene	0.017	U	0.017	0.05	0.1	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	0.017	U	0.017	0.05	0.1	ug/L
53-70-3	Dibenzo(a,h)anthracene	0.014	U	0.014	0.05	0.1	ug/L
191-24-2	Benzo(g,h,i)perylene	0.022	U	0.022	0.05	0.1	ug/L
SURROGATES							
17647-74-4	1,4-Dioxane-d8	6.321		15-120		79	SPK: -8
93951-69-0	Fluoranthene-d10	0.312		30-130		78	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.337		30-130		84	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	702		7.547			
1146-65-2	Naphthalene-d8	1989		10.309			
15067-26-2	Acenaphthene-d10	1006		14.196			

Report of Analysis

Client:		Date Collected:	4/24/2024 12:00:00 AM
Project:		Date Received:	4/24/2024 12:00:00 AM
Client Sample ID:	SBLK494	SDG No.:	BM042524
Lab Sample ID:	PB160494BL	Matrix:	Water
Analytical Method:	SFAM_SVOASIM	% Moisture:	100
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM045567.D	1	4/24/2024 12:00:00 AM	4/25/2024 12:00:00 AM	PB160494

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	2002	16.963				
1719-03-5	Chrysene-d12	1596	21.196				
1520-96-3	Perylene-d12	1861	23.373				
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:	YCSX4	SDG No.:	BM042524
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
BM045568.D	1	4/20/2024 12:00:00 AM	4/25/2024 12:00:00 AM	PB160416

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	1		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	3.581		15-120		45	SPK: -8
93951-69-0	Fluoranthene-d10	0.391		30-130		98	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.357		30-130		89	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	862		7.543			
1146-65-2	Naphthalene-d8	2416		10.309			
15067-26-2	Acenaphthene-d10	1223		14.197			

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.:	BM042524
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
BM045568.D	1	4/20/2024 12:00:00 AM	4/25/2024 12:00:00 AM	PB160416

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	2471	16.96				
1719-03-5	Chrysene-d12	1958	21.192				
1520-96-3	Perylene-d12	2269	23.37				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	0.029	U			99	ug/L

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.:	BM042524
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
BM045569.D	1	4/15/2024 12:00:00 AM	4/25/2024 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	25		0.24	1	4	ug/Kg
90-12-0	1-Methylnaphthalene	12		0.63	1	4	ug/Kg
91-57-6	2-Methylnaphthalene	20		0.23	1	4	ug/Kg
208-96-8	Acenaphthylene	7.6		0.4	1	4	ug/Kg
83-32-9	Acenaphthene	3.2	J	0.22	1	4	ug/Kg
86-73-7	Fluorene	1.9	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	98	E	0.22	1	4	ug/Kg
120-12-7	Anthracene	11		0.21	1	4	ug/Kg
206-44-0	Fluoranthene	84	E	0.22	1	4	ug/Kg
129-00-0	Pyrene	67	E	0.29	1	4	ug/Kg
56-55-3	Benzo(a)anthracene	58		0.11	1	4	ug/Kg
218-01-9	Chrysene	46		0.3	1	4	ug/Kg
205-99-2	Benzo(b)fluoranthene	81	E	0.57	1	4	ug/Kg
207-08-9	Benzo(k)fluoranthene	20		0.39	1	4	ug/Kg
50-32-8	Benzo(a)pyrene	55		0.39	1	4	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	38		0.63	1	4	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	12		0.57	1	4	ug/Kg
191-24-2	Benzo(g,h,i)perylene	45		0.91	1	4	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	2.799		15-120		35	SPK: -8
93951-69-0	Fluoranthene-d10	0.164		30-130		41	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.208		20-140		52	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	852		7.547			
1146-65-2	Naphthalene-d8	2295		10.314			
15067-26-2	Acenaphthene-d10	1221		14.196			

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.:	BM042524
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
BM045569.D	1	4/15/2024 12:00:00 AM	4/25/2024 12:00:00 AM	PB160252

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	2542	16.959				
1719-03-5	Chrysene-d12	2096	21.178				
1520-96-3	Perylene-d12	3170	23.367				
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.:	BM042524
Lab Sample ID:	P2037-19	Matrix:	Solid
Analytical Method:	SFAM_SVOASIM	% Moisture:	24.2
Sample Wt/Vol:	30.1	Units:	g
Soil Aliquot Vol:		Final Vol:	500
		Test:	
Extraction Type :		Decanted :	Level :
Injection Volume :		GPC Factor :	LOW
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM045570.D	1	4/15/2024 12:00:00 AM	4/25/2024 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	390	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	25		0.25	1.1	4.3	ug/Kg
208-96-8	Acenaphthylene	8.3		0.43	1.1	4.3	ug/Kg
83-32-9	Acenaphthene	5.2		0.24	1.1	4.3	ug/Kg
86-73-7	Fluorene	15		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	50		0.24	1.1	4.3	ug/Kg
120-12-7	Anthracene	17		0.22	1.1	4.3	ug/Kg
206-44-0	Fluoranthene	56		0.24	1.1	4.3	ug/Kg
129-00-0	Pyrene	48		0.32	1.1	4.3	ug/Kg
56-55-3	Benzo(a)anthracene	55		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	99	E	0.62	1.1	4.3	ug/Kg
207-08-9	Benzo(k)fluoranthene	31		0.42	1.1	4.3	ug/Kg
50-32-8	Benzo(a)pyrene	77	E	0.42	1.1	4.3	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	51		0.68	1.1	4.3	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	15		0.62	1.1	4.3	ug/Kg
191-24-2	Benzo(g,h,i)perylene	50		0.99	1.1	4.3	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	5.108		15-120		64	SPK: -8
93951-69-0	Fluoranthene-d10	0.307		30-130		77	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.331		20-140		83	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	902		7.547			
1146-65-2	Naphthalene-d8	2468		10.309			
15067-26-2	Acenaphthene-d10	1263		14.196			

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.:	BM042524
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
BM045570.D	1	4/15/2024 12:00:00 AM	4/25/2024 12:00:00 AM	PB160252

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	2506	16.959				
1719-03-5	Chrysene-d12	2029	21.181				
1520-96-3	Perylene-d12	2483	23.368				
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.:	BM042524
Lab Sample ID:	P2037-20	Matrix:	Solid
Analytical Method:	SFAM_SVOASIM	% Moisture:	10.2
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
BM045571.D	1	4/15/2024 12:00:00 AM	4/25/2024 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	4.9		0.22	0.92	3.7	ug/Kg
90-12-0	1-Methylnaphthalene	2	J	0.58	0.92	3.7	ug/Kg
91-57-6	2-Methylnaphthalene	3.8		0.21	0.92	3.7	ug/Kg
208-96-8	Acenaphthylene	2.7	J	0.37	0.92	3.7	ug/Kg
83-32-9	Acenaphthene	1.1	J	0.2	0.92	3.7	ug/Kg
86-73-7	Fluorene	0.92	J	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	18		0.2	0.92	3.7	ug/Kg
120-12-7	Anthracene	3.6	J	0.19	0.92	3.7	ug/Kg
206-44-0	Fluoranthene	26		0.2	0.92	3.7	ug/Kg
129-00-0	Pyrene	20		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	15		0.28	0.92	3.7	ug/Kg
205-99-2	Benzo(b)fluoranthene	26		0.52	0.92	3.7	ug/Kg
207-08-9	Benzo(k)fluoranthene	7.5		0.36	0.92	3.7	ug/Kg
50-32-8	Benzo(a)pyrene	13		0.36	0.92	3.7	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	11		0.58	0.92	3.7	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	3.3	J	0.52	0.92	3.7	ug/Kg
191-24-2	Benzo(g,h,i)perylene	13		0.83	0.92	3.7	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	4.969		15-120		62	SPK: -8
93951-69-0	Fluoranthene-d10	0.276		30-130		69	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.321		20-140		80	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	764		7.547			
1146-65-2	Naphthalene-d8	2193		10.309			
15067-26-2	Acenaphthene-d10	1175		14.196			

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.:	BM042524
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
BM045571.D	1	4/15/2024 12:00:00 AM	4/25/2024 12:00:00 AM	PB160252

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	2563	16.959				
1719-03-5	Chrysene-d12	2211	21.182				
1520-96-3	Perylene-d12	2848	23.368				
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.:	BM042524
Lab Sample ID:	P2037-21	Matrix:	Solid
Analytical Method:	SFAM_SVOASIM	% Moisture:	10
Sample Wt/Vol:	30.1	Units:	g
Soil Aliquot Vol:		Final Vol:	500
		Test:	
Extraction Type :		Decanted :	Level :
Injection Volume :		GPC Factor :	LOW
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM045572.D	1	4/15/2024 12:00:00 AM	4/25/2024 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	3.2	J	0.22	0.91	3.7	ug/Kg
90-12-0	1-Methylnaphthalene	1.4	J	0.58	0.91	3.7	ug/Kg
91-57-6	2-Methylnaphthalene	2.4	J	0.21	0.91	3.7	ug/Kg
208-96-8	Acenaphthylene	1.4	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	0.19	U	0.19	0.91	3.7	ug/Kg
206-44-0	Fluoranthene	13		0.2	0.91	3.7	ug/Kg
129-00-0	Pyrene	10		0.27	0.91	3.7	ug/Kg
56-55-3	Benzo(a)anthracene	7.8		0.1	0.91	3.7	ug/Kg
218-01-9	Chrysene	9.2		0.28	0.91	3.7	ug/Kg
205-99-2	Benzo(b)fluoranthene	16		0.52	0.91	3.7	ug/Kg
207-08-9	Benzo(k)fluoranthene	3.4	J	0.35	0.91	3.7	ug/Kg
50-32-8	Benzo(a)pyrene	7.1		0.35	0.91	3.7	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	6.2		0.58	0.91	3.7	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	2	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	3.381		15-120		42	SPK: -8
93951-69-0	Fluoranthene-d10	0.208		30-130		52	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.217		20-140		54	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	754		7.547			
1146-65-2	Naphthalene-d8	2049		10.314			
15067-26-2	Acenaphthene-d10	1051		14.196			

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.:	BM042524
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
BM045572.D	1	4/15/2024 12:00:00 AM	4/25/2024 12:00:00 AM	PB160252

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	2196	16.963				
1719-03-5	Chrysene-d12	1913	21.181				
1520-96-3	Perylene-d12	2478	23.367				
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.:	BM042524
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
BM045573.D	1	4/15/2024 12:00:00 AM	4/25/2024 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	21		0.22	0.89	3.6	ug/Kg
90-12-0	1-Methylnaphthalene	4.6		0.56	0.89	3.6	ug/Kg
91-57-6	2-Methylnaphthalene	10		0.21	0.89	3.6	ug/Kg
208-96-8	Acenaphthylene	4.8		0.36	0.89	3.6	ug/Kg
83-32-9	Acenaphthene	1.7	J	0.2	0.89	3.6	ug/Kg
86-73-7	Fluorene	2.7	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	45		0.2	0.89	3.6	ug/Kg
120-12-7	Anthracene	10		0.18	0.89	3.6	ug/Kg
206-44-0	Fluoranthene	71	E	0.2	0.89	3.6	ug/Kg
129-00-0	Pyrene	61	E	0.26	0.89	3.6	ug/Kg
56-55-3	Benzo(a)anthracene	60	E	0.1	0.89	3.6	ug/Kg
218-01-9	Chrysene	50		0.27	0.89	3.6	ug/Kg
205-99-2	Benzo(b)fluoranthene	100	E	0.51	0.89	3.6	ug/Kg
207-08-9	Benzo(k)fluoranthene	24		0.35	0.89	3.6	ug/Kg
50-32-8	Benzo(a)pyrene	46		0.35	0.89	3.6	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	39		0.56	0.89	3.6	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	13		0.51	0.89	3.6	ug/Kg
191-24-2	Benzo(g,h,i)perylene	38		0.81	0.89	3.6	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	3.914		15-120		49	SPK: -8
93951-69-0	Fluoranthene-d10	0.231		30-130		58	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.264		20-140		66	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	712		7.543			
1146-65-2	Naphthalene-d8	2005		10.309			
15067-26-2	Acenaphthene-d10	1086		14.196			

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.:	BM042524
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
BM045573.D	1	4/15/2024 12:00:00 AM	4/25/2024 12:00:00 AM	PB160252

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	2366	16.959				
1719-03-5	Chrysene-d12	2127	21.176				
1520-96-3	Perylene-d12	2839	23.362				
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:	E1CX8RE	SDG No.:	BM042524
Lab Sample ID:	P2037-23RE	Matrix:	Solid
Analytical Method:	SFAM_SVOASIM	% Moisture:	6.4
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
BM045574.D	1	4/15/2024 12:00:00 AM	4/25/2024 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	11		0.21	0.88	3.5	ug/Kg
90-12-0	1-Methylnaphthalene	14		0.55	0.88	3.5	ug/Kg
91-57-6	2-Methylnaphthalene	14		0.2	0.88	3.5	ug/Kg
208-96-8	Acenaphthylene	9.6		0.35	0.88	3.5	ug/Kg
83-32-9	Acenaphthene	3.3	J	0.19	0.88	3.5	ug/Kg
86-73-7	Fluorene	0.23	U	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	86	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	55		0.19	0.88	3.5	ug/Kg
129-00-0	Pyrene	73	E	0.26	0.88	3.5	ug/Kg
56-55-3	Benzo(a)anthracene	37		0.1	0.88	3.5	ug/Kg
218-01-9	Chrysene	47		0.27	0.88	3.5	ug/Kg
205-99-2	Benzo(b)fluoranthene	65	E	0.5	0.88	3.5	ug/Kg
207-08-9	Benzo(k)fluoranthene	18		0.34	0.88	3.5	ug/Kg
50-32-8	Benzo(a)pyrene	29		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	14		0.8	0.88	3.5	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	3.96		15-120		50	SPK: -8
93951-69-0	Fluoranthene-d10	0.224		30-130		56	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.364		20-140		91	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	904		7.547			
1146-65-2	Naphthalene-d8	2447		10.309			
15067-26-2	Acenaphthene-d10	1676		14.196			

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:	E1CX8RE	SDG No.:	BM042524
Lab Sample ID:	P2037-23RE	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
BM045574.D	1	4/15/2024 12:00:00 AM	4/25/2024 12:00:00 AM	PB160252

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	3880	16.963				
1719-03-5	Chrysene-d12	8608	21.19				
1520-96-3	Perylene-d12	11389	23.403				
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:	E1CX9RE	SDG No.:	BM042524
Lab Sample ID:	P2037-24RE	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
BM045575.D	1	4/15/2024 12:00:00 AM	4/25/2024 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	32		0.22	0.92	3.7	ug/Kg
90-12-0	1-Methylnaphthalene	8.3		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	7.4		0.37	0.92	3.7	ug/Kg
83-32-9	Acenaphthene	5		0.2	0.92	3.7	ug/Kg
86-73-7	Fluorene	4.6		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	65	E	0.2	0.92	3.7	ug/Kg
120-12-7	Anthracene	7.5		0.19	0.92	3.7	ug/Kg
206-44-0	Fluoranthene	51		0.2	0.92	3.7	ug/Kg
129-00-0	Pyrene	56		0.27	0.92	3.7	ug/Kg
56-55-3	Benzo(a)anthracene	32		0.1	0.92	3.7	ug/Kg
218-01-9	Chrysene	31		0.28	0.92	3.7	ug/Kg
205-99-2	Benzo(b)fluoranthene	50		0.52	0.92	3.7	ug/Kg
207-08-9	Benzo(k)fluoranthene	15		0.36	0.92	3.7	ug/Kg
50-32-8	Benzo(a)pyrene	25		0.36	0.92	3.7	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	13		0.58	0.92	3.7	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	0.52	U	0.52	0.92	3.7	ug/Kg
191-24-2	Benzo(g,h,i)perylene	14		0.84	0.92	3.7	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	3.586		15-120		45	SPK: -8
93951-69-0	Fluoranthene-d10	0.216		30-130		54	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.274		20-140		68	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	1170		7.547			
1146-65-2	Naphthalene-d8	3102		10.314			
15067-26-2	Acenaphthene-d10	1676		14.196			

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:	E1CX9RE	SDG No.:	BM042524
Lab Sample ID:	P2037-24RE	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
BM045575.D	1	4/15/2024 12:00:00 AM	4/25/2024 12:00:00 AM	PB160252

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	3710	16.963				
1719-03-5	Chrysene-d12	4633	21.181				
1520-96-3	Perylene-d12	6281	23.379				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	0.99	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:	C0AA7RE	SDG No.:	BM042524
Lab Sample ID:	P2104-05RE	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
BM045576.D	1	4/12/2024 12:00:00 AM	4/25/2024 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	20		0.36	0.89	3.6	ug/Kg
83-32-9	Acenaphthene	1.5	J	0.19	0.89	3.6	ug/Kg
86-73-7	Fluorene	8		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	7.9		0.19	0.89	3.6	ug/Kg
120-12-7	Anthracene	20		0.18	0.89	3.6	ug/Kg
206-44-0	Fluoranthene	9.1		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	9		0.1	0.89	3.6	ug/Kg
218-01-9	Chrysene	3.2	J	0.27	0.89	3.6	ug/Kg
205-99-2	Benzo(b)fluoranthene	6.3		0.51	0.89	3.6	ug/Kg
207-08-9	Benzo(k)fluoranthene	3.1	J	0.35	0.89	3.6	ug/Kg
50-32-8	Benzo(a)pyrene	1.9	J	0.35	0.89	3.6	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	1.4	J	0.56	0.89	3.6	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	0.51	U	0.51	0.89	3.6	ug/Kg
191-24-2	Benzo(g,h,i)perylene	1	J	0.81	0.89	3.6	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	2.789		15-120		35	SPK: -8
93951-69-0	Fluoranthene-d10	0.002	*	30-130		1	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.009	*	20-140		2	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	1031		7.551			
1146-65-2	Naphthalene-d8	2798		10.325			
15067-26-2	Acenaphthene-d10	1476		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:	C0AA7RE	SDG No.:	BM042524
Lab Sample ID:	P2104-05RE	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
BM045576.D	1	4/12/2024 12:00:00 AM	4/25/2024 12:00:00 AM	PB160222

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	3169	16.967				
1719-03-5	Chrysene-d12	3766	21.178				
1520-96-3	Perylene-d12	4702	23.365				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	0.96	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:	YCSW0	SDG No.:	BM042524
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
BM045577.D	1	4/22/2024 12:00:00 AM	4/26/2024 12:00:00 AM	PB160429

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	0.03	U	0.03	0	0.2	ug/L
91-20-3	Naphthalene	0	U	0	0.05	0.1	ug/L
90-12-0	1-Methylnaphthalene	0.02	U	0.02	0.05	0.1	ug/L
91-57-6	2-Methylnaphthalene	0.01	U	0.01	0.05	0.1	ug/L
208-96-8	Acenaphthylene	0.01	U	0.01	0.05	0.1	ug/L
83-32-9	Acenaphthene	0.01	U	0.01	0.05	0.1	ug/L
86-73-7	Fluorene	0.01	U	0.01	0.05	0.1	ug/L
87-86-5	Pentachlorophenol	0.06	U	0.06	0.1	0.2	ug/L
85-01-8	Phenanthrene	0.01	U	0.01	0.05	0.1	ug/L
120-12-7	Anthracene	0.01	U	0.01	0.05	0.1	ug/L
206-44-0	Fluoranthene	0.01	U	0.01	0.05	0.1	ug/L
129-00-0	Pyrene	0.01	U	0.01	0.05	0.1	ug/L
56-55-3	Benzo(a)anthracene	0	U	0	0.05	0.1	ug/L
218-01-9	Chrysene	0.01	U	0.01	0.05	0.1	ug/L
205-99-2	Benzo(b)fluoranthene	0.01	U	0.01	0.05	0.1	ug/L
207-08-9	Benzo(k)fluoranthene	0.01	U	0.01	0.05	0.1	ug/L
50-32-8	Benzo(a)pyrene	0.02	U	0.02	0.05	0.1	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	0.02	U	0.02	0.05	0.1	ug/L
53-70-3	Dibenzo(a,h)anthracene	0.01	U	0.01	0.05	0.1	ug/L
191-24-2	Benzo(g,h,i)perylene	0.02	U	0.02	0.05	0.1	ug/L
SURROGATES							
17647-74-4	1,4-Dioxane-d8	3.794		15-120		47	SPK: -8
93951-69-0	Fluoranthene-d10	0.349		30-130		87	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.358		30-130		90	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	1052		7.547			
1146-65-2	Naphthalene-d8	2810		10.309			
15067-26-2	Acenaphthene-d10	1361		14.197			

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.:	BM042524
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
BM045577.D	1	4/22/2024 12:00:00 AM	4/26/2024 12:00:00 AM	PB160429

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	2579	16.959				
1719-03-5	Chrysene-d12	2455	21.189				
1520-96-3	Perylene-d12	2858	23.372				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	0.03	U			99	ug/L

Report of Analysis

Client:		Date Collected:	4/23/2024 12:00:00 AM
Project:		Date Received:	4/23/2024 12:00:00 AM
Client Sample ID:	C0AP6	SDG No.:	BM042524
Lab Sample ID:	P2251-01	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
BM045578.D	1	4/24/2024 12:00:00 AM	4/26/2024 12:00:00 AM	PB160494

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	1.2		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	3.664		15-120		46	SPK: -8
93951-69-0	Fluoranthene-d10	0.327		30-130		82	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	1148	7.547				
1146-65-2	Naphthalene-d8	3064	10.308				
15067-26-2	Acenaphthene-d10	1448	14.196				

Report of Analysis

Client:		Date Collected:	4/23/2024 12:00:00 AM
Project:		Date Received:	4/23/2024 12:00:00 AM
Client Sample ID:	C0AP6	SDG No.:	BM042524
Lab Sample ID:	P2251-01	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
BM045578.D	1	4/24/2024 12:00:00 AM	4/26/2024 12:00:00 AM	PB160494

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	2811	16.959				
1719-03-5	Chrysene-d12	2518	21.189				
1520-96-3	Perylene-d12	3016	23.369				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	0.029	U			99	ug/L

Report of Analysis

Client:		Date Collected:	4/24/2024 12:00:00 AM
Project:		Date Received:	4/24/2024 12:00:00 AM
Client Sample ID:	SLCS494	SDG No.:	BM042524
Lab Sample ID:	PB160494BS	Matrix:	Water
Analytical Method:	SFAM_SVOASIM	% Moisture:	100
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM045579.D	1	4/24/2024 12:00:00 AM	4/26/2024 12:00:00 AM	PB160494

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	1.9		0.029	0	0.2	ug/L
91-20-3	Naphthalene	0.34		0.0043	0.05	0.1	ug/L
90-12-0	1-Methylnaphthalene	0.3		0.015	0.05	0.1	ug/L
91-57-6	2-Methylnaphthalene	0.34		0.0053	0.05	0.1	ug/L
208-96-8	Acenaphthylene	0.39		0.012	0.05	0.1	ug/L
83-32-9	Acenaphthene	0.34		0.0074	0.05	0.1	ug/L
86-73-7	Fluorene	0.32		0.0067	0.05	0.1	ug/L
87-86-5	Pentachlorophenol	0.94		0.063	0.1	0.2	ug/L
85-01-8	Phenanthrene	0.34		0.0068	0.05	0.1	ug/L
120-12-7	Anthracene	0.37		0.008	0.05	0.1	ug/L
206-44-0	Fluoranthene	0.29		0.0079	0.05	0.1	ug/L
129-00-0	Pyrene	0.31		0.006	0.05	0.1	ug/L
56-55-3	Benzo(a)anthracene	0.43		0.0036	0.05	0.1	ug/L
218-01-9	Chrysene	0.33		0.0077	0.05	0.1	ug/L
205-99-2	Benzo(b)fluoranthene	0.36		0.013	0.05	0.1	ug/L
207-08-9	Benzo(k)fluoranthene	0.33		0.0098	0.05	0.1	ug/L
50-32-8	Benzo(a)pyrene	0.36		0.017	0.05	0.1	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	0.35		0.017	0.05	0.1	ug/L
53-70-3	Dibenzo(a,h)anthracene	0.35		0.014	0.05	0.1	ug/L
191-24-2	Benzo(g,h,i)perylene	0.32		0.022	0.05	0.1	ug/L
SURROGATES							
17647-74-4	1,4-Dioxane-d8	0.695		15-120		87	SPK: -0.8
93951-69-0	Fluoranthene-d10	0.287		30-130		72	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.323		30-130		81	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	967		7.555			
1146-65-2	Naphthalene-d8	3040		10.33			
15067-26-2	Acenaphthene-d10	1382		14.205			

Report of Analysis

Client:		Date Collected:	4/24/2024 12:00:00 AM
Project:		Date Received:	4/24/2024 12:00:00 AM
Client Sample ID:	SLCS494	SDG No.:	BM042524
Lab Sample ID:	PB160494BS	Matrix:	Water
Analytical Method:	SFAM_SVOASIM	% Moisture:	100
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM045579.D	1	4/24/2024 12:00:00 AM	4/26/2024 12:00:00 AM	PB160494

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	2480	16.975				
1719-03-5	Chrysene-d12	2269	21.187				
1520-96-3	Perylene-d12	3476	23.376				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	0.029	U			99	ug/L

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.:	BM042524
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
BM045580.D	1	4/13/2024 12:00:00 AM	4/26/2024 12:00:00 AM	PB160234

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	2.2		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	0.35		0.0053	0.05	0.1	ug/L
208-96-8	Acenaphthylene	0.41		0.012	0.05	0.1	ug/L
83-32-9	Acenaphthene	0.37		0.0074	0.05	0.1	ug/L
86-73-7	Fluorene	0.34		0.0067	0.05	0.1	ug/L
87-86-5	Pentachlorophenol	1.1		0.063	0.1	0.2	ug/L
85-01-8	Phenanthrene	0.37		0.0068	0.05	0.1	ug/L
120-12-7	Anthracene	0.42		0.008	0.05	0.1	ug/L
206-44-0	Fluoranthene	0.31		0.0079	0.05	0.1	ug/L
129-00-0	Pyrene	0.32		0.006	0.05	0.1	ug/L
56-55-3	Benzo(a)anthracene	0.44		0.0036	0.05	0.1	ug/L
218-01-9	Chrysene	0.36		0.0077	0.05	0.1	ug/L
205-99-2	Benzo(b)fluoranthene	0.39		0.013	0.05	0.1	ug/L
207-08-9	Benzo(k)fluoranthene	0.36		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	0.4		0.017	0.05	0.1	ug/L
53-70-3	Dibenzo(a,h)anthracene	0.4		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	0.779		15-120		97	SPK: -0.8
93951-69-0	Fluoranthene-d10	0.296		30-130		74	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.353		30-130		88	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	827		7.559			
1146-65-2	Naphthalene-d8	2541		10.331			
15067-26-2	Acenaphthene-d10	1205		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.:	BM042524
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
BM045580.D	1	4/13/2024 12:00:00 AM	4/26/2024 12:00:00 AM	PB160234

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	2151	16.98				
1719-03-5	Chrysene-d12	2024	21.19				
1520-96-3	Perylene-d12	2953	23.379				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	0.029	U			99	ug/L

Report of Analysis

Client:		Date Collected:	4/24/2024 12:00:00 AM
Project:		Date Received:	4/24/2024 12:00:00 AM
Client Sample ID:	SBLK494	SDG No.:	BM042524
Lab Sample ID:	PB160494BL	Matrix:	Water
Analytical Method:	SFAM_SVOASIM	% Moisture:	100
Sample Wt/Vol:	1000	Units:	mL
Soil Aliquot Vol:		Final Vol:	1000
			uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM045582.D	1	4/24/2024 12:00:00 AM	4/26/2024 12:00:00 AM	PB160494

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	0.029	U	0.029	0	0.2	ug/L
91-20-3	Naphthalene	0.0043	U	0.0043	0.05	0.1	ug/L
90-12-0	1-Methylnaphthalene	0.015	U	0.015	0.05	0.1	ug/L
91-57-6	2-Methylnaphthalene	0.0053	U	0.0053	0.05	0.1	ug/L
208-96-8	Acenaphthylene	0.012	U	0.012	0.05	0.1	ug/L
83-32-9	Acenaphthene	0.0074	U	0.0074	0.05	0.1	ug/L
86-73-7	Fluorene	0.0067	U	0.0067	0.05	0.1	ug/L
87-86-5	Pentachlorophenol	0.063	U	0.063	0.1	0.2	ug/L
85-01-8	Phenanthrene	0.0068	U	0.0068	0.05	0.1	ug/L
120-12-7	Anthracene	0.008	U	0.008	0.05	0.1	ug/L
206-44-0	Fluoranthene	0.0079	U	0.0079	0.05	0.1	ug/L
129-00-0	Pyrene	0.006	U	0.006	0.05	0.1	ug/L
56-55-3	Benzo(a)anthracene	0.0036	U	0.0036	0.05	0.1	ug/L
218-01-9	Chrysene	0.0077	U	0.0077	0.05	0.1	ug/L
205-99-2	Benzo(b)fluoranthene	0.013	U	0.013	0.05	0.1	ug/L
207-08-9	Benzo(k)fluoranthene	0.0098	U	0.0098	0.05	0.1	ug/L
50-32-8	Benzo(a)pyrene	0.017	U	0.017	0.05	0.1	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	0.017	U	0.017	0.05	0.1	ug/L
53-70-3	Dibenzo(a,h)anthracene	0.014	U	0.014	0.05	0.1	ug/L
191-24-2	Benzo(g,h,i)perylene	0.022	U	0.022	0.05	0.1	ug/L
SURROGATES							
17647-74-4	1,4-Dioxane-d8	6.198		15-120		77	SPK: -8
93951-69-0	Fluoranthene-d10	0.295		30-130		74	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.346		30-130		86	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	1103	7.543				
1146-65-2	Naphthalene-d8	2899	10.303				
15067-26-2	Acenaphthene-d10	1383	14.196				

Report of Analysis

Client:		Date Collected:	4/24/2024 12:00:00 AM
Project:		Date Received:	4/24/2024 12:00:00 AM
Client Sample ID:	SBLK494	SDG No.:	BM042524
Lab Sample ID:	PB160494BL	Matrix:	Water
Analytical Method:	SFAM_SVOASIM	% Moisture:	100
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM045582.D	1	4/24/2024 12:00:00 AM	4/26/2024 12:00:00 AM	PB160494

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	2774	16.959				
1719-03-5	Chrysene-d12	2348	21.188				
1520-96-3	Perylene-d12	2783	23.374				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	0.029	U			99	ug/L

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:	E1CY4DL	SDG No.:	BM042524
Lab Sample ID:	P2037-18DL	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
BM045583.D	5	4/15/2024 12:00:00 AM	4/26/2024 12:00:00 AM	PB160252

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	5.4	U	5.4	0	41	ug/Kg
91-20-3	Naphthalene	37	D	1.2	5	20	ug/Kg
90-12-0	1-Methylnaphthalene	17	JD	3.2	5	20	ug/Kg
91-57-6	2-Methylnaphthalene	28	D	1.2	5	20	ug/Kg
208-96-8	Acenaphthylene	12	JD	2	5	20	ug/Kg
83-32-9	Acenaphthene	5.3	JD	1.1	5	20	ug/Kg
86-73-7	Fluorene	1.3	U	1.3	5	20	ug/Kg
87-86-5	Pentachlorophenol	12	U	12	10.2	41	ug/Kg
85-01-8	Phenanthrene	150	D	1.1	5	20	ug/Kg
120-12-7	Anthracene	17	JD	1	5	20	ug/Kg
206-44-0	Fluoranthene	130	D	1.1	5	20	ug/Kg
129-00-0	Pyrene	100	D	1.5	5	20	ug/Kg
56-55-3	Benzo(a)anthracene	97	D	0.57	5	20	ug/Kg
218-01-9	Chrysene	63	D	1.5	5	20	ug/Kg
205-99-2	Benzo(b)fluoranthene	110	D	2.9	5	20	ug/Kg
207-08-9	Benzo(k)fluoranthene	34	D	1.9	5	20	ug/Kg
50-32-8	Benzo(a)pyrene	78	D	1.9	5	20	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	53	D	3.2	5	20	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	16	JD	2.9	5	20	ug/Kg
191-24-2	Benzo(g,h,i)perylene	65	D	4.6	5	20	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	3.865		15-120		48	SPK: -8
93951-69-0	Fluoranthene-d10	0.25		30-130		63	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.285		20-140		71	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	942		7.547			
1146-65-2	Naphthalene-d8	2487		10.314			
15067-26-2	Acenaphthene-d10	1221		14.196			

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:	E1CY4DL	SDG No.:	BM042524
Lab Sample ID:	P2037-18DL	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
BM045583.D	5	4/15/2024 12:00:00 AM	4/26/2024 12:00:00 AM	PB160252

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	2309	16.959				
1719-03-5	Chrysene-d12	1889	21.181				
1520-96-3	Perylene-d12	3025	23.365				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	5.4	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:	E1CY5DL	SDG No.:	BM042524
Lab Sample ID:	P2037-19DL	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
BM045584.D	5	4/15/2024 12:00:00 AM	4/26/2024 12:00:00 AM	PB160252

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	5.9	U	5.9	0	44	ug/Kg
91-20-3	Naphthalene	420	ED	1.3	5.4	22	ug/Kg
90-12-0	1-Methylnaphthalene	14	JD	3.4	5.4	22	ug/Kg
91-57-6	2-Methylnaphthalene	27	D	1.2	5.4	22	ug/Kg
208-96-8	Acenaphthylene	9.4	JD	2.2	5.4	22	ug/Kg
83-32-9	Acenaphthene	6.1	JD	1.2	5.4	22	ug/Kg
86-73-7	Fluorene	16	JD	1.4	5.4	22	ug/Kg
87-86-5	Pentachlorophenol	13	U	13	11	44	ug/Kg
85-01-8	Phenanthrene	55	D	1.2	5.4	22	ug/Kg
120-12-7	Anthracene	20	JD	1.1	5.4	22	ug/Kg
206-44-0	Fluoranthene	59	D	1.2	5.4	22	ug/Kg
129-00-0	Pyrene	52	D	1.6	5.4	22	ug/Kg
56-55-3	Benzo(a)anthracene	59	D	0.61	5.4	22	ug/Kg
218-01-9	Chrysene	39	D	1.6	5.4	22	ug/Kg
205-99-2	Benzo(b)fluoranthene	92	D	3.1	5.4	22	ug/Kg
207-08-9	Benzo(k)fluoranthene	25	D	2.1	5.4	22	ug/Kg
50-32-8	Benzo(a)pyrene	73	D	2.1	5.4	22	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	46	D	3.4	5.4	22	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	13	JD	3.1	5.4	22	ug/Kg
191-24-2	Benzo(g,h,i)perylene	47	D	4.9	5.4	22	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	5.21		15-120		65	SPK: -8
93951-69-0	Fluoranthene-d10	0.3		30-130		75	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.325		20-140		81	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	997		7.542			
1146-65-2	Naphthalene-d8	2673		10.308			
15067-26-2	Acenaphthene-d10	1255		14.196			

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:	E1CY5DL	SDG No.:	BM042524
Lab Sample ID:	P2037-19DL	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
BM045584.D	5	4/15/2024 12:00:00 AM	4/26/2024 12:00:00 AM	PB160252

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	2428	16.964				
1719-03-5	Chrysene-d12	2031	21.183				
1520-96-3	Perylene-d12	3052	23.366				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	5.9	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:	E1CX7DL	SDG No.:	BM042524
Lab Sample ID:	P2037-22DL	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
BM045585.D	5	4/15/2024 12:00:00 AM	4/26/2024 12:00:00 AM	PB160252

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	4.8	U	4.8	0	36	ug/Kg
91-20-3	Naphthalene	19	D	1.1	4.5	18	ug/Kg
90-12-0	1-Methylnaphthalene	4.3	JD	2.8	4.5	18	ug/Kg
91-57-6	2-Methylnaphthalene	7.6	JD	1	4.5	18	ug/Kg
208-96-8	Acenaphthylene	4.5	JD	1.8	4.5	18	ug/Kg
83-32-9	Acenaphthene	0.98	U	0.98	4.5	18	ug/Kg
86-73-7	Fluorene	1.2	U	1.2	4.5	18	ug/Kg
87-86-5	Pentachlorophenol	11	U	11	9.1	36	ug/Kg
85-01-8	Phenanthrene	42	D	0.98	4.5	18	ug/Kg
120-12-7	Anthracene	9.8	JD	0.92	4.5	18	ug/Kg
206-44-0	Fluoranthene	67	D	0.98	4.5	18	ug/Kg
129-00-0	Pyrene	59	D	1.3	4.5	18	ug/Kg
56-55-3	Benzo(a)anthracene	63	D	0.5	4.5	18	ug/Kg
218-01-9	Chrysene	41	D	1.4	4.5	18	ug/Kg
205-99-2	Benzo(b)fluoranthene	83	D	2.5	4.5	18	ug/Kg
207-08-9	Benzo(k)fluoranthene	25	D	1.7	4.5	18	ug/Kg
50-32-8	Benzo(a)pyrene	42	D	1.7	4.5	18	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	33	D	2.8	4.5	18	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	11	JD	2.5	4.5	18	ug/Kg
191-24-2	Benzo(g,h,i)perylene	32	D	4.1	4.5	18	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	3.56		15-120		44	SPK: -8
93951-69-0	Fluoranthene-d10	0.215		30-130		54	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.22		20-140		55	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	899		7.547			
1146-65-2	Naphthalene-d8	2545		10.314			
15067-26-2	Acenaphthene-d10	1227		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:	E1CX7DL	SDG No.:	BM042524
Lab Sample ID:	P2037-22DL	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
BM045585.D	5	4/15/2024 12:00:00 AM	4/26/2024 12:00:00 AM	PB160252

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	2280	16.963				
1719-03-5	Chrysene-d12	1952	21.181				
1520-96-3	Perylene-d12	2957	23.364				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	4.8	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:	E1CX8DL	SDG No.:	BM042524
Lab Sample ID:	P2037-23DL	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
BM045586.D	5	4/15/2024 12:00:00 AM	4/26/2024 12:00:00 AM	PB160252

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	4.7	U	4.7	0	36	ug/Kg
91-20-3	Naphthalene	12	JD	1.1	4.4	18	ug/Kg
90-12-0	1-Methylnaphthalene	15	JD	2.8	4.4	18	ug/Kg
91-57-6	2-Methylnaphthalene	15	JD	1	4.4	18	ug/Kg
208-96-8	Acenaphthylene	12	JD	1.8	4.4	18	ug/Kg
83-32-9	Acenaphthene	0.96	U	0.96	4.4	18	ug/Kg
86-73-7	Fluorene	1.2	U	1.2	4.4	18	ug/Kg
87-86-5	Pentachlorophenol	11	U	11	8.9	36	ug/Kg
85-01-8	Phenanthrene	92	D	0.96	4.4	18	ug/Kg
120-12-7	Anthracene	0.91	U	0.91	4.4	18	ug/Kg
206-44-0	Fluoranthene	110	D	0.96	4.4	18	ug/Kg
129-00-0	Pyrene	120	D	1.3	4.4	18	ug/Kg
56-55-3	Benzo(a)anthracene	49	D	0.5	4.4	18	ug/Kg
218-01-9	Chrysene	57	D	1.3	4.4	18	ug/Kg
205-99-2	Benzo(b)fluoranthene	77	D	2.5	4.4	18	ug/Kg
207-08-9	Benzo(k)fluoranthene	24	D	1.7	4.4	18	ug/Kg
50-32-8	Benzo(a)pyrene	31	D	1.7	4.4	18	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	23	D	2.8	4.4	18	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	2.5	U	2.5	4.4	18	ug/Kg
191-24-2	Benzo(g,h,i)perylene	25	D	4	4.4	18	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	3.77		15-120		47	SPK: -8
93951-69-0	Fluoranthene-d10	0.425		30-130		106	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.36		20-140		90	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	1114		7.547			
1146-65-2	Naphthalene-d8	3114		10.314			
15067-26-2	Acenaphthene-d10	1690		14.191			

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:	E1CX8DL	SDG No.:	BM042524
Lab Sample ID:	P2037-23DL	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
BM045586.D	5	4/15/2024 12:00:00 AM	4/26/2024 12:00:00 AM	PB160252

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	3216	16.959				
1719-03-5	Chrysene-d12	2545	21.181				
1520-96-3	Perylene-d12	4025	23.373				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	4.7	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:	E1CX9DL	SDG No.:	BM042524
Lab Sample ID:	P2037-24DL	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
BM045587.D	5	4/15/2024 12:00:00 AM	4/26/2024 12:00:00 AM	PB160252

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	5	U	5	0	37	ug/Kg
91-20-3	Naphthalene	36	D	1.1	4.6	18	ug/Kg
90-12-0	1-Methylnaphthalene	9.3	JD	2.9	4.6	18	ug/Kg
91-57-6	2-Methylnaphthalene	12	JD	1.1	4.6	18	ug/Kg
208-96-8	Acenaphthylene	9.3	JD	1.8	4.6	18	ug/Kg
83-32-9	Acenaphthene	5.8	JD	1	4.6	18	ug/Kg
86-73-7	Fluorene	5	JD	1.2	4.6	18	ug/Kg
87-86-5	Pentachlorophenol	11	U	11	9.3	37	ug/Kg
85-01-8	Phenanthrene	73	D	1	4.6	18	ug/Kg
120-12-7	Anthracene	9.5	JD	0.95	4.6	18	ug/Kg
206-44-0	Fluoranthene	72	D	1	4.6	18	ug/Kg
129-00-0	Pyrene	76	D	1.3	4.6	18	ug/Kg
56-55-3	Benzo(a)anthracene	35	D	0.52	4.6	18	ug/Kg
218-01-9	Chrysene	36	D	1.4	4.6	18	ug/Kg
205-99-2	Benzo(b)fluoranthene	47	D	2.6	4.6	18	ug/Kg
207-08-9	Benzo(k)fluoranthene	14	JD	1.8	4.6	18	ug/Kg
50-32-8	Benzo(a)pyrene	24	D	1.8	4.6	18	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	17	JD	2.9	4.6	18	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	2.6	U	2.6	4.6	18	ug/Kg
191-24-2	Benzo(g,h,i)perylene	17	JD	4.2	4.6	18	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	4.18		15-120		52	SPK: -8
93951-69-0	Fluoranthene-d10	0.295		30-130		74	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.29		20-140		72	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	1026	7.547				
1146-65-2	Naphthalene-d8	2696	10.314				
15067-26-2	Acenaphthene-d10	1320	14.196				

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:	E1CX9DL	SDG No.:	BM042524
Lab Sample ID:	P2037-24DL	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
BM045587.D	5	4/15/2024 12:00:00 AM	4/26/2024 12:00:00 AM	PB160252

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	2710	16.959				
1719-03-5	Chrysene-d12	2472	21.181				
1520-96-3	Perylene-d12	3851	23.367				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	5	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.:	BM042524
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
BM045588.D	1	4/12/2024 12:00:00 AM	4/26/2024 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	15		0.36	0.89	3.6	ug/Kg
83-32-9	Acenaphthene	1.5	J	0.19	0.89	3.6	ug/Kg
86-73-7	Fluorene	7.2		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	8.2		0.19	0.89	3.6	ug/Kg
120-12-7	Anthracene	18		0.18	0.89	3.6	ug/Kg
206-44-0	Fluoranthene	11		0.19	0.89	3.6	ug/Kg
129-00-0	Pyrene	2.7	J	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	3.5	J	0.27	0.89	3.6	ug/Kg
205-99-2	Benzo(b)fluoranthene	6.5		0.51	0.89	3.6	ug/Kg
207-08-9	Benzo(k)fluoranthene	2.9	J	0.35	0.89	3.6	ug/Kg
50-32-8	Benzo(a)pyrene	1.8	J	0.35	0.89	3.6	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	1.7	J	0.56	0.89	3.6	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	0.51	U	0.51	0.89	3.6	ug/Kg
191-24-2	Benzo(g,h,i)perylene	1.4	J	0.81	0.89	3.6	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	2.758		15-120		34	SPK: -8
93951-69-0	Fluoranthene-d10	0.337		30-130		84	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.375		20-140		94	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	1192		7.547			
1146-65-2	Naphthalene-d8	3328		10.314			
15067-26-2	Acenaphthene-d10	1543		14.196			

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.:	BM042524
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
BM045588.D	1	4/12/2024 12:00:00 AM	4/26/2024 12:00:00 AM	PB160222

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	2697	16.967				
1719-03-5	Chrysene-d12	2380	21.181				
1520-96-3	Perylene-d12	3439	23.37				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	0.96	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	4/25/2024 12:00:00 AM
Project:		Date Received:	4/25/2024 12:00:00 AM
Client Sample ID:	SBLK531	SDG No.:	BM042524
Lab Sample ID:	PB160531BL	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
BM045590.D	1	4/25/2024 12:00:00 AM	4/26/2024 12:00:00 AM	PB160531

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	5.998		15-120		75	SPK: -8
93951-69-0	Fluoranthene-d10	0.27		30-130		68	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.314		20-140		79	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	1055		7.542			
1146-65-2	Naphthalene-d8	3025		10.303			
15067-26-2	Acenaphthene-d10	1446		14.196			

Report of Analysis

Client:		Date Collected:	4/25/2024 12:00:00 AM
Project:		Date Received:	4/25/2024 12:00:00 AM
Client Sample ID:	SBLK531	SDG No.:	BM042524
Lab Sample ID:	PB160531BL	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
BM045590.D	1	4/25/2024 12:00:00 AM	4/26/2024 12:00:00 AM	PB160531

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	2568	16.959				
1719-03-5	Chrysene-d12	2032	21.193				
1520-96-3	Perylene-d12	2422	23.37				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	0.89	U			99	ug/Kg

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:	E1CX1	SDG No.:	BM042524
Lab Sample ID:	P2203-01	Matrix:	Solid
Analytical Method:	SFAM_SVOASIM	% Moisture:	7.3
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
BM045591.D	1	4/25/2024 12:00:00 AM	4/26/2024 12:00:00 AM	PB160531

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	2.7	J	0.22	0.89	3.5	ug/Kg
90-12-0	1-Methylnaphthalene	1.1	J	0.56	0.89	3.5	ug/Kg
91-57-6	2-Methylnaphthalene	1.9	J	0.2	0.89	3.5	ug/Kg
208-96-8	Acenaphthylene	2.1	J	0.35	0.89	3.5	ug/Kg
83-32-9	Acenaphthene	0.19	U	0.19	0.89	3.5	ug/Kg
86-73-7	Fluorene	0.72	J	0.24	0.89	3.5	ug/Kg
87-86-5	Pentachlorophenol	2.2	U	2.2	1.8	7.2	ug/Kg
85-01-8	Phenanthrene	8.5		0.19	0.89	3.5	ug/Kg
120-12-7	Anthracene	2.3	J	0.18	0.89	3.5	ug/Kg
206-44-0	Fluoranthene	17		0.19	0.89	3.5	ug/Kg
129-00-0	Pyrene	16		0.26	0.89	3.5	ug/Kg
56-55-3	Benzo(a)anthracene	14		0.1	0.89	3.5	ug/Kg
218-01-9	Chrysene	9.7		0.27	0.89	3.5	ug/Kg
205-99-2	Benzo(b)fluoranthene	24		0.51	0.89	3.5	ug/Kg
207-08-9	Benzo(k)fluoranthene	5.8		0.34	0.89	3.5	ug/Kg
50-32-8	Benzo(a)pyrene	15		0.34	0.89	3.5	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	10		0.56	0.89	3.5	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	3.7		0.51	0.89	3.5	ug/Kg
191-24-2	Benzo(g,h,i)perylene	13		0.81	0.89	3.5	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	4.556		15-120		57	SPK: -8
93951-69-0	Fluoranthene-d10	0.279		30-130		70	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.296		20-140		74	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	1037		7.543			
1146-65-2	Naphthalene-d8	2950		10.309			
15067-26-2	Acenaphthene-d10	1375		14.196			

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:	E1CX1	SDG No.:	BM042524
Lab Sample ID:	P2203-01	Matrix:	Solid
Analytical Method:	SFAM_SVOASIM	% Moisture:	7.3
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
BM045591.D	1	4/25/2024 12:00:00 AM	4/26/2024 12:00:00 AM	PB160531

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	2577	16.959				
1719-03-5	Chrysene-d12	2058	21.184				
1520-96-3	Perylene-d12	2573	23.367				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	0.96	U			99	ug/Kg

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:	E1CX2	SDG No.:	BM042524
Lab Sample ID:	P2203-02	Matrix:	Solid
Analytical Method:	SFAM_SVOASIM	% Moisture:	18.3
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
BM045592.D	1	4/25/2024 12:00:00 AM	4/26/2024 12:00:00 AM	PB160531

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	1.1	J	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	8.2	ug/Kg
85-01-8	Phenanthrene	1.5	J	0.22	1	4	ug/Kg
120-12-7	Anthracene	0.21	U	0.21	1	4	ug/Kg
206-44-0	Fluoranthene	1.9	J	0.22	1	4	ug/Kg
129-00-0	Pyrene	1.7	J	0.29	1	4	ug/Kg
56-55-3	Benzo(a)anthracene	1.3	J	0.11	1	4	ug/Kg
218-01-9	Chrysene	0.89	J	0.3	1	4	ug/Kg
205-99-2	Benzo(b)fluoranthene	2.2	J	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	1.1	J	0.39	1	4	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	0.94	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	1.1	J	0.91	1	4	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	4.415		15-120		55	SPK: -8
93951-69-0	Fluoranthene-d10	0.239		30-130		60	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.286		20-140		72	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	872		7.547			
1146-65-2	Naphthalene-d8	2507		10.309			
15067-26-2	Acenaphthene-d10	1382		14.192			

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:	E1CX2	SDG No.:	BM042524
Lab Sample ID:	P2203-02	Matrix:	Solid
Analytical Method:	SFAM_SVOASIM	% Moisture:	18.3
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
BM045592.D	1	4/25/2024 12:00:00 AM	4/26/2024 12:00:00 AM	PB160531

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	2429	16.959				
1719-03-5	Chrysene-d12	1945	21.189				
1520-96-3	Perylene-d12	2523	23.367				
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:	E1CW8	SDG No.:	BM042524
Lab Sample ID:	P2203-09	Matrix:	Solid
Analytical Method:	SFAM_SVOASIM	% Moisture:	7.3
Sample Wt/Vol:	30 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM045593.D	1	4/25/2024 12:00:00 AM	4/26/2024 12:00:00 AM	PB160531

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	100	E	0.22	0.89	3.6	ug/Kg
90-12-0	1-Methylnaphthalene	46		0.56	0.89	3.6	ug/Kg
91-57-6	2-Methylnaphthalene	92	E	0.2	0.89	3.6	ug/Kg
208-96-8	Acenaphthylene	40		0.36	0.89	3.6	ug/Kg
83-32-9	Acenaphthene	9.7		0.19	0.89	3.6	ug/Kg
86-73-7	Fluorene	26		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	230	E	0.19	0.89	3.6	ug/Kg
120-12-7	Anthracene	52		0.18	0.89	3.6	ug/Kg
206-44-0	Fluoranthene	270	E	0.19	0.89	3.6	ug/Kg
129-00-0	Pyrene	260	E	0.26	0.89	3.6	ug/Kg
56-55-3	Benzo(a)anthracene	240	E	0.1	0.89	3.6	ug/Kg
218-01-9	Chrysene	180	E	0.27	0.89	3.6	ug/Kg
205-99-2	Benzo(b)fluoranthene	370	E	0.51	0.89	3.6	ug/Kg
207-08-9	Benzo(k)fluoranthene	98	E	0.35	0.89	3.6	ug/Kg
50-32-8	Benzo(a)pyrene	230	E	0.35	0.89	3.6	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	160	E	0.56	0.89	3.6	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	56		0.51	0.89	3.6	ug/Kg
191-24-2	Benzo(g,h,i)perylene	190	E	0.81	0.89	3.6	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	5.242		15-120		66	SPK: -8
93951-69-0	Fluoranthene-d10	0.362		30-130		90	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.421		20-140		105	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	903		7.543			
1146-65-2	Naphthalene-d8	2516		10.303			
15067-26-2	Acenaphthene-d10	1433		14.191			

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:	E1CW8	SDG No.:	BM042524
Lab Sample ID:	P2203-09	Matrix:	Solid
Analytical Method:	SFAM_SVOASIM	% Moisture:	7.3
Sample Wt/Vol:	30 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM045593.D	1	4/25/2024 12:00:00 AM	4/26/2024 12:00:00 AM	PB160531

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	2608	16.959				
1719-03-5	Chrysene-d12	2159	21.176				
1520-96-3	Perylene-d12	3301	23.368				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	0.96	U			99	ug/Kg

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:	E1CX3	SDG No.:	BM042524
Lab Sample ID:	P2203-12	Matrix:	Solid
Analytical Method:	SFAM_SVOASIM	% Moisture:	25.4
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
BM045594.D	1	4/25/2024 12:00:00 AM	4/26/2024 12:00:00 AM	PB160531

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	1.2	U	1.2	0	9	ug/Kg
91-20-3	Naphthalene	8.2		0.27	1.1	4.4	ug/Kg
90-12-0	1-Methylnaphthalene	0.7	U	0.7	1.1	4.4	ug/Kg
91-57-6	2-Methylnaphthalene	1	J	0.25	1.1	4.4	ug/Kg
208-96-8	Acenaphthylene	2.1	J	0.44	1.1	4.4	ug/Kg
83-32-9	Acenaphthene	0.94	J	0.24	1.1	4.4	ug/Kg
86-73-7	Fluorene	2	J	0.29	1.1	4.4	ug/Kg
87-86-5	Pentachlorophenol	2.7	U	2.7	2.2	9	ug/Kg
85-01-8	Phenanthrene	13		0.24	1.1	4.4	ug/Kg
120-12-7	Anthracene	5.7		0.23	1.1	4.4	ug/Kg
206-44-0	Fluoranthene	14		0.24	1.1	4.4	ug/Kg
129-00-0	Pyrene	12		0.32	1.1	4.4	ug/Kg
56-55-3	Benzo(a)anthracene	11		0.12	1.1	4.4	ug/Kg
218-01-9	Chrysene	5.6		0.34	1.1	4.4	ug/Kg
205-99-2	Benzo(b)fluoranthene	9.1		0.63	1.1	4.4	ug/Kg
207-08-9	Benzo(k)fluoranthene	2.7	J	0.43	1.1	4.4	ug/Kg
50-32-8	Benzo(a)pyrene	6.6		0.43	1.1	4.4	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	3.2	J	0.7	1.1	4.4	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	0.63	U	0.63	1.1	4.4	ug/Kg
191-24-2	Benzo(g,h,i)perylene	2.9	J	1	1.1	4.4	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	4.887		15-120		61	SPK: -8
93951-69-0	Fluoranthene-d10	0.27		30-130		68	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.318		20-140		79	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	1029		7.542			
1146-65-2	Naphthalene-d8	2771		10.308			
15067-26-2	Acenaphthene-d10	1343		14.196			

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:	E1CX3	SDG No.:	BM042524
Lab Sample ID:	P2203-12	Matrix:	Solid
Analytical Method:	SFAM_SVOASIM	% Moisture:	25.4
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
BM045594.D	1	4/25/2024 12:00:00 AM	4/26/2024 12:00:00 AM	PB160531

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	2631	16.959				
1719-03-5	Chrysene-d12	2244	21.183				
1520-96-3	Perylene-d12	2763	23.366				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	1.2	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:	E1CW9	SDG No.:	BM042524
Lab Sample ID:	P2203-17	Matrix:	Solid
Analytical Method:	SFAM_SVOASIM	% Moisture:	7.3
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
BM045595.D	1	4/25/2024 12:00:00 AM	4/26/2024 12:00:00 AM	PB160531

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	440	E	0.22	0.89	3.5	ug/Kg
90-12-0	1-Methylnaphthalene	31		0.56	0.89	3.5	ug/Kg
91-57-6	2-Methylnaphthalene	68	E	0.2	0.89	3.5	ug/Kg
208-96-8	Acenaphthylene	100	E	0.35	0.89	3.5	ug/Kg
83-32-9	Acenaphthene	6.5		0.19	0.89	3.5	ug/Kg
86-73-7	Fluorene	49		0.24	0.89	3.5	ug/Kg
87-86-5	Pentachlorophenol	2.2	U	2.2	1.8	7.2	ug/Kg
85-01-8	Phenanthrene	550	E	0.19	0.89	3.5	ug/Kg
120-12-7	Anthracene	200	E	0.18	0.89	3.5	ug/Kg
206-44-0	Fluoranthene	780	E	0.19	0.89	3.5	ug/Kg
129-00-0	Pyrene	650	E	0.26	0.89	3.5	ug/Kg
56-55-3	Benzo(a)anthracene	470	E	0.1	0.89	3.5	ug/Kg
218-01-9	Chrysene	260	E	0.27	0.89	3.5	ug/Kg
205-99-2	Benzo(b)fluoranthene	510	E	0.51	0.89	3.5	ug/Kg
207-08-9	Benzo(k)fluoranthene	150	E	0.34	0.89	3.5	ug/Kg
50-32-8	Benzo(a)pyrene	380	E	0.34	0.89	3.5	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	220	E	0.56	0.89	3.5	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	57		0.51	0.89	3.5	ug/Kg
191-24-2	Benzo(g,h,i)perylene	240	E	0.81	0.89	3.5	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	4.406		15-120		55	SPK: -8
93951-69-0	Fluoranthene-d10	0.25		30-130		63	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.352		20-140		88	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	1033		7.547			
1146-65-2	Naphthalene-d8	2783		10.303			
15067-26-2	Acenaphthene-d10	1487		14.192			

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:	E1CW9	SDG No.:	BM042524
Lab Sample ID:	P2203-17	Matrix:	Solid
Analytical Method:	SFAM_SVOASIM	% Moisture:	7.3
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
BM045595.D	1	4/25/2024 12:00:00 AM	4/26/2024 12:00:00 AM	PB160531

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	2663	16.955				
1719-03-5	Chrysene-d12	2209	21.175				
1520-96-3	Perylene-d12	2915	23.358				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	0.96	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:	E1CX0	SDG No.:	BM042524
Lab Sample ID:	P2203-18	Matrix:	Solid
Analytical Method:	SFAM_SVOASIM	% Moisture:	8.8
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
BM045596.D	1	4/25/2024 12:00:00 AM	4/26/2024 12:00:00 AM	PB160531

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	330	E	0.22	0.9	3.6	ug/Kg
90-12-0	1-Methylnaphthalene	36		0.57	0.9	3.6	ug/Kg
91-57-6	2-Methylnaphthalene	58		0.21	0.9	3.6	ug/Kg
208-96-8	Acenaphthylene	89	E	0.36	0.9	3.6	ug/Kg
83-32-9	Acenaphthene	7.4		0.2	0.9	3.6	ug/Kg
86-73-7	Fluorene	23		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	470	E	0.2	0.9	3.6	ug/Kg
120-12-7	Anthracene	46		0.19	0.9	3.6	ug/Kg
206-44-0	Fluoranthene	180	E	0.2	0.9	3.6	ug/Kg
129-00-0	Pyrene	140	E	0.26	0.9	3.6	ug/Kg
56-55-3	Benzo(a)anthracene	79	E	0.1	0.9	3.6	ug/Kg
218-01-9	Chrysene	54		0.27	0.9	3.6	ug/Kg
205-99-2	Benzo(b)fluoranthene	90	E	0.51	0.9	3.6	ug/Kg
207-08-9	Benzo(k)fluoranthene	30		0.35	0.9	3.6	ug/Kg
50-32-8	Benzo(a)pyrene	61	E	0.35	0.9	3.6	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	37		0.57	0.9	3.6	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	11		0.51	0.9	3.6	ug/Kg
191-24-2	Benzo(g,h,i)perylene	44		0.82	0.9	3.6	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	4.61		15-120		58	SPK: -8
93951-69-0	Fluoranthene-d10	0.257		30-130		64	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.349		20-140		87	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	963		7.547			
1146-65-2	Naphthalene-d8	2665		10.303			
15067-26-2	Acenaphthene-d10	1373		14.196			

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:	E1CX0	SDG No.:	BM042524
Lab Sample ID:	P2203-18	Matrix:	Solid
Analytical Method:	SFAM_SVOASIM	% Moisture:	8.8
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
BM045596.D	1	4/25/2024 12:00:00 AM	4/26/2024 12:00:00 AM	PB160531

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	2569	16.959				
1719-03-5	Chrysene-d12	2220	21.176				
1520-96-3	Perylene-d12	2789	23.362				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	0.97	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:	E1CY7	SDG No.:	BM042524
Lab Sample ID:	P2203-19	Matrix:	Solid
Analytical Method:	SFAM_SVOASIM	% Moisture:	7.2
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
BM045597.D	1	4/25/2024 12:00:00 AM	4/26/2024 12:00:00 AM	PB160531

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	73	E	0.22	0.89	3.6	ug/Kg
90-12-0	1-Methylnaphthalene	33		0.56	0.89	3.6	ug/Kg
91-57-6	2-Methylnaphthalene	68	E	0.2	0.89	3.6	ug/Kg
208-96-8	Acenaphthylene	33		0.36	0.89	3.6	ug/Kg
83-32-9	Acenaphthene	5.1		0.19	0.89	3.6	ug/Kg
86-73-7	Fluorene	21		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	190	E	0.19	0.89	3.6	ug/Kg
120-12-7	Anthracene	40		0.18	0.89	3.6	ug/Kg
206-44-0	Fluoranthene	220	E	0.19	0.89	3.6	ug/Kg
129-00-0	Pyrene	200	E	0.26	0.89	3.6	ug/Kg
56-55-3	Benzo(a)anthracene	160	E	0.1	0.89	3.6	ug/Kg
218-01-9	Chrysene	120	E	0.27	0.89	3.6	ug/Kg
205-99-2	Benzo(b)fluoranthene	250	E	0.51	0.89	3.6	ug/Kg
207-08-9	Benzo(k)fluoranthene	58	E	0.34	0.89	3.6	ug/Kg
50-32-8	Benzo(a)pyrene	140	E	0.34	0.89	3.6	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	99	E	0.56	0.89	3.6	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	34		0.51	0.89	3.6	ug/Kg
191-24-2	Benzo(g,h,i)perylene	120	E	0.81	0.89	3.6	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	4.053		15-120		51	SPK: -8
93951-69-0	Fluoranthene-d10	0.226		30-130		56	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	1079		7.542			
1146-65-2	Naphthalene-d8	2948		10.303			
15067-26-2	Acenaphthene-d10	1533		14.196			

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:	E1CY7	SDG No.:	BM042524
Lab Sample ID:	P2203-19	Matrix:	Solid
Analytical Method:	SFAM_SVOASIM	% Moisture:	7.2
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
BM045597.D	1	4/25/2024 12:00:00 AM	4/26/2024 12:00:00 AM	PB160531

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	2731	16.959				
1719-03-5	Chrysene-d12	2288	21.176				
1520-96-3	Perylene-d12	3251	23.362				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	0.96	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:	E1CX4	SDG No.:	BM042524
Lab Sample ID:	P2203-20	Matrix:	Solid
Analytical Method:	SFAM_SVOASIM	% Moisture:	9.1
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
BM045598.D	1	4/25/2024 12:00:00 AM	4/26/2024 12:00:00 AM	PB160531

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	0.98	U	0.98	0	7.3	ug/Kg
91-20-3	Naphthalene	180	E	0.22	0.9	3.6	ug/Kg
90-12-0	1-Methylnaphthalene	37		0.57	0.9	3.6	ug/Kg
91-57-6	2-Methylnaphthalene	88	E	0.21	0.9	3.6	ug/Kg
208-96-8	Acenaphthylene	24		0.36	0.9	3.6	ug/Kg
83-32-9	Acenaphthene	130	E	0.2	0.9	3.6	ug/Kg
86-73-7	Fluorene	150	E	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	590	E	0.2	0.9	3.6	ug/Kg
120-12-7	Anthracene	180	E	0.19	0.9	3.6	ug/Kg
206-44-0	Fluoranthene	380	E	0.2	0.9	3.6	ug/Kg
129-00-0	Pyrene	260	E	0.26	0.9	3.6	ug/Kg
56-55-3	Benzo(a)anthracene	180	E	0.1	0.9	3.6	ug/Kg
218-01-9	Chrysene	120	E	0.27	0.9	3.6	ug/Kg
205-99-2	Benzo(b)fluoranthene	190	E	0.52	0.9	3.6	ug/Kg
207-08-9	Benzo(k)fluoranthene	55		0.35	0.9	3.6	ug/Kg
50-32-8	Benzo(a)pyrene	110	E	0.35	0.9	3.6	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	64	E	0.57	0.9	3.6	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	22		0.52	0.9	3.6	ug/Kg
191-24-2	Benzo(g,h,i)perylene	67	E	0.82	0.9	3.6	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	5.598		15-120		70	SPK: -8
93951-69-0	Fluoranthene-d10	0.281		30-130		70	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.329		20-140		82	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	1015		7.547			
1146-65-2	Naphthalene-d8	2876		10.308			
15067-26-2	Acenaphthene-d10	1425		14.191			

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:	E1CX4	SDG No.:	BM042524
Lab Sample ID:	P2203-20	Matrix:	Solid
Analytical Method:	SFAM_SVOASIM	% Moisture:	9.1
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
BM045598.D	1	4/25/2024 12:00:00 AM	4/26/2024 12:00:00 AM	PB160531

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	2656	16.954				
1719-03-5	Chrysene-d12	2344	21.176				
1520-96-3	Perylene-d12	2850	23.364				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	0.98	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:	E1CX4MS	SDG No.:	BM042524
Lab Sample ID:	P2203-21MS	Matrix:	Solid
Analytical Method:	SFAM_SVOASIM	% Moisture:	9.1
Sample Wt/Vol:	30.02 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
BM045599.D	1	4/25/2024 12:00:00 AM	4/26/2024 12:00:00 AM	PB160531

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	46		0.98	0	7.4	ug/Kg
91-20-3	Naphthalene	110	E	0.22	0.91	3.6	ug/Kg
90-12-0	1-Methylnaphthalene	32		0.57	0.91	3.6	ug/Kg
91-57-6	2-Methylnaphthalene	64	E	0.21	0.91	3.6	ug/Kg
208-96-8	Acenaphthylene	31		0.36	0.91	3.6	ug/Kg
83-32-9	Acenaphthene	82	E	0.2	0.91	3.6	ug/Kg
86-73-7	Fluorene	95	E	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	370	E	0.2	0.91	3.6	ug/Kg
120-12-7	Anthracene	140	E	0.19	0.91	3.6	ug/Kg
206-44-0	Fluoranthene	270	E	0.2	0.91	3.6	ug/Kg
129-00-0	Pyrene	200	E	0.26	0.91	3.6	ug/Kg
56-55-3	Benzo(a)anthracene	150	E	0.1	0.91	3.6	ug/Kg
218-01-9	Chrysene	98	E	0.27	0.91	3.6	ug/Kg
205-99-2	Benzo(b)fluoranthene	140	E	0.52	0.91	3.6	ug/Kg
207-08-9	Benzo(k)fluoranthene	45		0.35	0.91	3.6	ug/Kg
50-32-8	Benzo(a)pyrene	89	E	0.35	0.91	3.6	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	56		0.57	0.91	3.6	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	26		0.52	0.91	3.6	ug/Kg
191-24-2	Benzo(g,h,i)perylene	58		0.82	0.91	3.6	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	0.444		15-120		56	SPK: -0.8
93951-69-0	Fluoranthene-d10	0.246		30-130		62	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.293		20-140		73	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	831		7.555			
1146-65-2	Naphthalene-d8	2319		10.314			
15067-26-2	Acenaphthene-d10	1134		14.196			

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:	E1CX4MS	SDG No.:	BM042524
Lab Sample ID:	P2203-21MS	Matrix:	Solid
Analytical Method:	SFAM_SVOASIM	% Moisture:	9.1
Sample Wt/Vol:	30.02 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
BM045599.D	1	4/25/2024 12:00:00 AM	4/26/2024 12:00:00 AM	PB160531

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	2163	16.959				
1719-03-5	Chrysene-d12	1950	21.175				
1520-96-3	Perylene-d12	2870	23.361				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	0.98	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:	E1CX4MSD	SDG No.:	BM042524
Lab Sample ID:	P2203-22MSD	Matrix:	Solid
Analytical Method:	SFAM_SVOASIM	% Moisture:	9.1
Sample Wt/Vol:	30.04 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
BM045600.D	1	4/25/2024 12:00:00 AM	4/26/2024 12:00:00 AM	PB160531

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	44		0.98	0	7.4	ug/Kg
91-20-3	Naphthalene	110	E	0.22	0.91	3.6	ug/Kg
90-12-0	1-Methylnaphthalene	33		0.57	0.91	3.6	ug/Kg
91-57-6	2-Methylnaphthalene	64	E	0.21	0.91	3.6	ug/Kg
208-96-8	Acenaphthylene	33		0.36	0.91	3.6	ug/Kg
83-32-9	Acenaphthene	83	E	0.2	0.91	3.6	ug/Kg
86-73-7	Fluorene	97	E	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	370	E	0.2	0.91	3.6	ug/Kg
120-12-7	Anthracene	140	E	0.19	0.91	3.6	ug/Kg
206-44-0	Fluoranthene	270	E	0.2	0.91	3.6	ug/Kg
129-00-0	Pyrene	200	E	0.26	0.91	3.6	ug/Kg
56-55-3	Benzo(a)anthracene	160	E	0.1	0.91	3.6	ug/Kg
218-01-9	Chrysene	100	E	0.27	0.91	3.6	ug/Kg
205-99-2	Benzo(b)fluoranthene	130	E	0.52	0.91	3.6	ug/Kg
207-08-9	Benzo(k)fluoranthene	43		0.35	0.91	3.6	ug/Kg
50-32-8	Benzo(a)pyrene	86	E	0.35	0.91	3.6	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	54		0.57	0.91	3.6	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	25		0.52	0.91	3.6	ug/Kg
191-24-2	Benzo(g,h,i)perylene	56		0.82	0.91	3.6	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	0.581		15-120		73	SPK: -0.8
93951-69-0	Fluoranthene-d10	0.253		30-130		63	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.305		20-140		76	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	647		7.555			
1146-65-2	Naphthalene-d8	2042		10.314			
15067-26-2	Acenaphthene-d10	1087		14.196			

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:	E1CX4MSD	SDG No.:	BM042524
Lab Sample ID:	P2203-22MSD	Matrix:	Solid
Analytical Method:	SFAM_SVOASIM	% Moisture:	9.1
Sample Wt/Vol:	30.04 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
BM045600.D	1	4/25/2024 12:00:00 AM	4/26/2024 12:00:00 AM	PB160531

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	2297	16.959				
1719-03-5	Chrysene-d12	2177	21.175				
1520-96-3	Perylene-d12	3479	23.361				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	0.98	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	4/25/2024 12:00:00 AM
Project:		Date Received:	4/25/2024 12:00:00 AM
Client Sample ID:	SLCS531	SDG No.:	BM042524
Lab Sample ID:	PB160531BS	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
BM045601.D	1	4/25/2024 12:00:00 AM	4/26/2024 12:00:00 AM	PB160531

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	72		0.89	0	6.7	ug/Kg
91-20-3	Naphthalene	13		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	14		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	11		0.22	0.83	3.3	ug/Kg
87-86-5	Pentachlorophenol	34		2	1.7	6.7	ug/Kg
85-01-8	Phenanthrene	12		0.18	0.83	3.3	ug/Kg
120-12-7	Anthracene	14		0.17	0.83	3.3	ug/Kg
206-44-0	Fluoranthene	11		0.18	0.83	3.3	ug/Kg
129-00-0	Pyrene	11		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	12		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	0.742		15-120		93	SPK: -0.8
93951-69-0	Fluoranthene-d10	0.312		30-130		78	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.354		20-140		88	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	826		7.559			
1146-65-2	Naphthalene-d8	2411		10.331			
15067-26-2	Acenaphthene-d10	1129		14.205			

Report of Analysis

Client:		Date Collected:	4/25/2024 12:00:00 AM
Project:		Date Received:	4/25/2024 12:00:00 AM
Client Sample ID:	SLCS531	SDG No.:	BM042524
Lab Sample ID:	PB160531BS	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
BM045601.D	1	4/25/2024 12:00:00 AM	4/26/2024 12:00:00 AM	PB160531

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	1930	16.98				
1719-03-5	Chrysene-d12	1713	21.187				
1520-96-3	Perylene-d12	2615	23.373				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	0.89	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	4/24/2024 12:00:00 AM
Project:		Date Received:	4/24/2024 12:00:00 AM
Client Sample ID:	C0AL2	SDG No.:	BM042524
Lab Sample ID:	P2251-04	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
BM045602.D	1	4/26/2024 12:00:00 AM	4/27/2024 12:00:00 AM	PB160562

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	4.737		15-120		59	SPK: -8
93951-69-0	Fluoranthene-d10	0.407		30-130		102	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.447		30-130		112	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	815		7.543			
1146-65-2	Naphthalene-d8	2236		10.303			
15067-26-2	Acenaphthene-d10	1369		14.191			

Report of Analysis

Client:		Date Collected:	4/24/2024 12:00:00 AM
Project:		Date Received:	4/24/2024 12:00:00 AM
Client Sample ID:	C0AL2	SDG No.:	BM042524
Lab Sample ID:	P2251-04	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
BM045602.D	1	4/26/2024 12:00:00 AM	4/27/2024 12:00:00 AM	PB160562

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	2287	16.955				
1719-03-5	Chrysene-d12	1925	21.173				
1520-96-3	Perylene-d12	2256	23.356				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	0.029	U			99	ug/L

Report of Analysis

Client:		Date Collected:	4/26/2024 12:00:00 AM
Project:		Date Received:	4/26/2024 12:00:00 AM
Client Sample ID:	SBLK562	SDG No.:	BM042524
Lab Sample ID:	PB160562BL	Matrix:	Water
Analytical Method:	SFAM_SVOASIM	% Moisture:	100
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM045603.D	1	4/26/2024 12:00:00 AM	4/27/2024 12:00:00 AM	PB160562

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	0.029	U	0.029	0	0.2	ug/L
91-20-3	Naphthalene	0.0043	U	0.0043	0.05	0.1	ug/L
90-12-0	1-Methylnaphthalene	0.015	U	0.015	0.05	0.1	ug/L
91-57-6	2-Methylnaphthalene	0.0053	U	0.0053	0.05	0.1	ug/L
208-96-8	Acenaphthylene	0.012	U	0.012	0.05	0.1	ug/L
83-32-9	Acenaphthene	0.0074	U	0.0074	0.05	0.1	ug/L
86-73-7	Fluorene	0.0067	U	0.0067	0.05	0.1	ug/L
87-86-5	Pentachlorophenol	0.063	U	0.063	0.1	0.2	ug/L
85-01-8	Phenanthrene	0.0068	U	0.0068	0.05	0.1	ug/L
120-12-7	Anthracene	0.008	U	0.008	0.05	0.1	ug/L
206-44-0	Fluoranthene	0.0079	U	0.0079	0.05	0.1	ug/L
129-00-0	Pyrene	0.006	U	0.006	0.05	0.1	ug/L
56-55-3	Benzo(a)anthracene	0.0036	U	0.0036	0.05	0.1	ug/L
218-01-9	Chrysene	0.0077	U	0.0077	0.05	0.1	ug/L
205-99-2	Benzo(b)fluoranthene	0.013	U	0.013	0.05	0.1	ug/L
207-08-9	Benzo(k)fluoranthene	0.0098	U	0.0098	0.05	0.1	ug/L
50-32-8	Benzo(a)pyrene	0.017	U	0.017	0.05	0.1	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	0.017	U	0.017	0.05	0.1	ug/L
53-70-3	Dibenzo(a,h)anthracene	0.014	U	0.014	0.05	0.1	ug/L
191-24-2	Benzo(g,h,i)perylene	0.022	U	0.022	0.05	0.1	ug/L
SURROGATES							
17647-74-4	1,4-Dioxane-d8	6.195		15-120		77	SPK: -8
93951-69-0	Fluoranthene-d10	0.304		30-130		76	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.346		30-130		86	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	834		7.542			
1146-65-2	Naphthalene-d8	2309		10.309			
15067-26-2	Acenaphthene-d10	1092		14.196			

Report of Analysis

Client:		Date Collected:	4/26/2024 12:00:00 AM
Project:		Date Received:	4/26/2024 12:00:00 AM
Client Sample ID:	SBLK562	SDG No.:	BM042524
Lab Sample ID:	PB160562BL	Matrix:	Water
Analytical Method:	SFAM_SVOASIM	% Moisture:	100
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM045603.D	1	4/26/2024 12:00:00 AM	4/27/2024 12:00:00 AM	PB160562

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	1960	16.959				
1719-03-5	Chrysene-d12	1556	21.19				
1520-96-3	Perylene-d12	2014	23.367				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	0.029	U			99	ug/L

Report of Analysis

Client:		Date Collected:	4/26/2024 12:00:00 AM
Project:		Date Received:	4/26/2024 12:00:00 AM
Client Sample ID:	SLCS562	SDG No.:	BM042524
Lab Sample ID:	PB160562BS	Matrix:	Water
Analytical Method:	SFAM_SVOASIM	% Moisture:	100
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM045604.D	1	4/26/2024 12:00:00 AM	4/27/2024 12:00:00 AM	PB160562

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	1.9		0.029	0	0.2	ug/L
91-20-3	Naphthalene	0.36		0.0043	0.05	0.1	ug/L
90-12-0	1-Methylnaphthalene	0.32		0.015	0.05	0.1	ug/L
91-57-6	2-Methylnaphthalene	0.35		0.0053	0.05	0.1	ug/L
208-96-8	Acenaphthylene	0.38		0.012	0.05	0.1	ug/L
83-32-9	Acenaphthene	0.36		0.0074	0.05	0.1	ug/L
86-73-7	Fluorene	0.35		0.0067	0.05	0.1	ug/L
87-86-5	Pentachlorophenol	0.96		0.063	0.1	0.2	ug/L
85-01-8	Phenanthrene	0.35		0.0068	0.05	0.1	ug/L
120-12-7	Anthracene	0.41		0.008	0.05	0.1	ug/L
206-44-0	Fluoranthene	0.31		0.0079	0.05	0.1	ug/L
129-00-0	Pyrene	0.31		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	0.33		0.0077	0.05	0.1	ug/L
205-99-2	Benzo(b)fluoranthene	0.37		0.013	0.05	0.1	ug/L
207-08-9	Benzo(k)fluoranthene	0.33		0.0098	0.05	0.1	ug/L
50-32-8	Benzo(a)pyrene	0.36		0.017	0.05	0.1	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	0.37		0.017	0.05	0.1	ug/L
53-70-3	Dibenzo(a,h)anthracene	0.37		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	0.726		15-120		91	SPK: -0.8
93951-69-0	Fluoranthene-d10	0.287		30-130		72	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.332		30-130		83	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	760	7.563				
1146-65-2	Naphthalene-d8	2277	10.33				
15067-26-2	Acenaphthene-d10	1026	14.206				

Report of Analysis

Client:		Date Collected:	4/26/2024 12:00:00 AM
Project:		Date Received:	4/26/2024 12:00:00 AM
Client Sample ID:	SLCS562	SDG No.:	BM042524
Lab Sample ID:	PB160562BS	Matrix:	Water
Analytical Method:	SFAM_SVOASIM	% Moisture:	100
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM045604.D	1	4/26/2024 12:00:00 AM	4/27/2024 12:00:00 AM	PB160562

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	1833	16.98				
1719-03-5	Chrysene-d12	1651	21.186				
1520-96-3	Perylene-d12	2390	23.378				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	0.029	U			99	ug/L

Hit Summary Sheet SW-846

SDG No.: BM042524

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
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		12.000	0.63	4	ug/Kg
P2037-18	E1CY4	Solid	2-Methylnaphthalene		20.000	0.23	4	ug/Kg
P2037-18	E1CY4	Solid	Acenaphthene		3.200 J	0.22	4	ug/Kg
P2037-18	E1CY4	Solid	Acenaphthylene		7.600	0.4	4	ug/Kg
P2037-18	E1CY4	Solid	Anthracene		11.000	0.21	4	ug/Kg
P2037-18	E1CY4	Solid	Benzo(a)anthracene		58.000	0.11	4	ug/Kg
P2037-18	E1CY4	Solid	Benzo(a)pyrene		55.000	0.39	4	ug/Kg
P2037-18	E1CY4	Solid	Benzo(b)fluoranthene		81.000 E	0.57	4	ug/Kg
P2037-18	E1CY4	Solid	Benzo(g,h,i)perylene		45.000	0.91	4	ug/Kg
P2037-18	E1CY4	Solid	Benzo(k)fluoranthene		20.000	0.39	4	ug/Kg
P2037-18	E1CY4	Solid	Chrysene		46.000	0.3	4	ug/Kg
P2037-18	E1CY4	Solid	Dibenzo(a,h)anthracene		12.000	0.57	4	ug/Kg
P2037-18	E1CY4	Solid	Fluoranthene		84.000 E	0.22	4	ug/Kg
P2037-18	E1CY4	Solid	Fluorene		1.900 J	0.27	4	ug/Kg
P2037-18	E1CY4	Solid	Indeno(1,2,3-cd)pyrene		38.000	0.63	4	ug/Kg
P2037-18	E1CY4	Solid	Naphthalene		25.000	0.24	4	ug/Kg
P2037-18	E1CY4	Solid	Phenanthrene		98.000 E	0.22	4	ug/Kg
P2037-18	E1CY4	Solid	Pyrene		67.000 E	0.29	4	ug/Kg
			Total Svoc :			684.70		
			Total Concentration:			684.70		
Client ID : E1CY4DL								
P2037-18DL	E1CY4DL	Solid	Total Alkanes	*	0.000 D	5.4	41	ug/Kg
			Total Tics :			0.00		
P2037-18DL	E1CY4DL	Solid	1-Methylnaphthalene		17.000 JD	3.2	20	ug/Kg
P2037-18DL	E1CY4DL	Solid	2-Methylnaphthalene		28.000 D	1.2	20	ug/Kg
P2037-18DL	E1CY4DL	Solid	Acenaphthene		5.300 JD	1.1	20	ug/Kg
P2037-18DL	E1CY4DL	Solid	Acenaphthylene		12.000 JD	2	20	ug/Kg
P2037-18DL	E1CY4DL	Solid	Anthracene		17.000 JD	1	20	ug/Kg
P2037-18DL	E1CY4DL	Solid	Benzo(a)anthracene		97.000 D	0.57	20	ug/Kg
P2037-18DL	E1CY4DL	Solid	Benzo(a)pyrene		78.000 D	1.9	20	ug/Kg
P2037-18DL	E1CY4DL	Solid	Benzo(b)fluoranthene		110.000 D	2.9	20	ug/Kg
P2037-18DL	E1CY4DL	Solid	Benzo(g,h,i)perylene		65.000 D	4.6	20	ug/Kg
P2037-18DL	E1CY4DL	Solid	Benzo(k)fluoranthene		34.000 D	1.9	20	ug/Kg
P2037-18DL	E1CY4DL	Solid	Chrysene		63.000 D	1.5	20	ug/Kg
P2037-18DL	E1CY4DL	Solid	Dibenzo(a,h)anthracene		16.000 JD	2.9	20	ug/Kg

Hit Summary Sheet SW-846

SDG No.: BM042524

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
P2037-18DL	E1CY4DL	Solid	Fluoranthene	130.000	D	1.1	20	ug/Kg
P2037-18DL	E1CY4DL	Solid	Indeno(1,2,3-cd)pyrene	53.000	D	3.2	20	ug/Kg
P2037-18DL	E1CY4DL	Solid	Naphthalene	37.000	D	1.2	20	ug/Kg
P2037-18DL	E1CY4DL	Solid	Phenanthrene	150.000	D	1.1	20	ug/Kg
P2037-18DL	E1CY4DL	Solid	Pyrene	100.000	D	1.5	20	ug/Kg
Total Svoc :				1,012.30				
Total Concentration:				1,012.30				
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	25.000		0.25	4.3	ug/Kg
P2037-19	E1CY5	Solid	Acenaphthene	5.200		0.24	4.3	ug/Kg
P2037-19	E1CY5	Solid	Acenaphthylene	8.300		0.43	4.3	ug/Kg
P2037-19	E1CY5	Solid	Anthracene	17.000		0.22	4.3	ug/Kg
P2037-19	E1CY5	Solid	Benzo(a)anthracene	55.000		0.12	4.3	ug/Kg
P2037-19	E1CY5	Solid	Benzo(a)pyrene	77.000	E	0.42	4.3	ug/Kg
P2037-19	E1CY5	Solid	Benzo(b)fluoranthene	99.000	E	0.62	4.3	ug/Kg
P2037-19	E1CY5	Solid	Benzo(g,h,i)perylene	50.000		0.99	4.3	ug/Kg
P2037-19	E1CY5	Solid	Benzo(k)fluoranthene	31.000		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	15.000		0.62	4.3	ug/Kg
P2037-19	E1CY5	Solid	Fluoranthene	56.000		0.24	4.3	ug/Kg
P2037-19	E1CY5	Solid	Fluorene	15.000		0.29	4.3	ug/Kg
P2037-19	E1CY5	Solid	Indeno(1,2,3-cd)pyrene	51.000		0.68	4.3	ug/Kg
P2037-19	E1CY5	Solid	Naphthalene	390.000	E	0.26	4.3	ug/Kg
P2037-19	E1CY5	Solid	Phenanthrene	50.000		0.24	4.3	ug/Kg
P2037-19	E1CY5	Solid	Pyrene	48.000		0.32	4.3	ug/Kg
Total Svoc :				1,043.50				
Total Concentration:				1,043.50				
Client ID : E1CY5DL								
P2037-19DL	E1CY5DL	Solid	Total Alkanes	*	0.000	D 5.9	44	ug/Kg
Total Tics :				0.00				
P2037-19DL	E1CY5DL	Solid	1-Methylnaphthalene	14.000	JD	3.4	22	ug/Kg
P2037-19DL	E1CY5DL	Solid	2-Methylnaphthalene	27.000	D	1.2	22	ug/Kg
P2037-19DL	E1CY5DL	Solid	Acenaphthene	6.100	JD	1.2	22	ug/Kg
P2037-19DL	E1CY5DL	Solid	Acenaphthylene	9.400	JD	2.2	22	ug/Kg
P2037-19DL	E1CY5DL	Solid	Anthracene	20.000	JD	1.1	22	ug/Kg
P2037-19DL	E1CY5DL	Solid	Benzo(a)anthracene	59.000	D	0.61	22	ug/Kg
P2037-19DL	E1CY5DL	Solid	Benzo(a)pyrene	73.000	D	2.1	22	ug/Kg

Hit Summary Sheet SW-846

SDG No.: BM042524

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
P2037-19DL	E1CY5DL	Solid	Benzo(b)fluoranthene	92.000	D	3.1	22	ug/Kg
P2037-19DL	E1CY5DL	Solid	Benzo(g,h,i)perylene	47.000	D	4.9	22	ug/Kg
P2037-19DL	E1CY5DL	Solid	Benzo(k)fluoranthene	25.000	D	2.1	22	ug/Kg
P2037-19DL	E1CY5DL	Solid	Chrysene	39.000	D	1.6	22	ug/Kg
P2037-19DL	E1CY5DL	Solid	Dibenzo(a,h)anthracene	13.000	JD	3.1	22	ug/Kg
P2037-19DL	E1CY5DL	Solid	Fluoranthene	59.000	D	1.2	22	ug/Kg
P2037-19DL	E1CY5DL	Solid	Fluorene	16.000	JD	1.4	22	ug/Kg
P2037-19DL	E1CY5DL	Solid	Indeno(1,2,3-cd)pyrene	46.000	D	3.4	22	ug/Kg
P2037-19DL	E1CY5DL	Solid	Naphthalene	420.000	ED	1.3	22	ug/Kg
P2037-19DL	E1CY5DL	Solid	Phenanthrene	55.000	D	1.2	22	ug/Kg
P2037-19DL	E1CY5DL	Solid	Pyrene	52.000	D	1.6	22	ug/Kg
Total Svoc :				1,072.50				
Total Concentration:				1,072.50				

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		2.000	J 0.58	3.7	ug/Kg
P2037-20	E1CY3	Solid	2-Methylnaphthalene		3.800	0.21	3.7	ug/Kg
P2037-20	E1CY3	Solid	Acenaphthene		1.100	J 0.2	3.7	ug/Kg
P2037-20	E1CY3	Solid	Acenaphthylene		2.700	J 0.37	3.7	ug/Kg
P2037-20	E1CY3	Solid	Anthracene		3.600	J 0.19	3.7	ug/Kg
P2037-20	E1CY3	Solid	Benzo(a)anthracene		16.000	0.1	3.7	ug/Kg
P2037-20	E1CY3	Solid	Benzo(a)pyrene		13.000	0.36	3.7	ug/Kg
P2037-20	E1CY3	Solid	Benzo(b)fluoranthene		26.000	0.52	3.7	ug/Kg
P2037-20	E1CY3	Solid	Benzo(g,h,i)perylene		13.000	0.83	3.7	ug/Kg
P2037-20	E1CY3	Solid	Benzo(k)fluoranthene		7.500	0.36	3.7	ug/Kg
P2037-20	E1CY3	Solid	Chrysene		15.000	0.28	3.7	ug/Kg
P2037-20	E1CY3	Solid	Dibenzo(a,h)anthracene		3.300	J 0.52	3.7	ug/Kg
P2037-20	E1CY3	Solid	Fluoranthene		26.000	0.2	3.7	ug/Kg
P2037-20	E1CY3	Solid	Fluorene		0.920	J 0.24	3.7	ug/Kg
P2037-20	E1CY3	Solid	Indeno(1,2,3-cd)pyrene		11.000	0.58	3.7	ug/Kg
P2037-20	E1CY3	Solid	Naphthalene		4.900	0.22	3.7	ug/Kg
P2037-20	E1CY3	Solid	Phenanthrene		18.000	0.2	3.7	ug/Kg
P2037-20	E1CY3	Solid	Pyrene		20.000	0.27	3.7	ug/Kg
Total Svoc :				187.82				
Total Concentration:				187.82				

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		1.400	J 0.58	3.7	ug/Kg

Hit Summary Sheet SW-846

SDG No.: BM042524

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
P2037-21	E1CY6	Solid	2-Methylnaphthalene	2.400	J	0.21	3.7	ug/Kg
P2037-21	E1CY6	Solid	Acenaphthylene	1.400	J	0.37	3.7	ug/Kg
P2037-21	E1CY6	Solid	Benzo(a)anthracene	7.800		0.1	3.7	ug/Kg
P2037-21	E1CY6	Solid	Benzo(a)pyrene	7.100		0.35	3.7	ug/Kg
P2037-21	E1CY6	Solid	Benzo(b)fluoranthene	16.000		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	3.400	J	0.35	3.7	ug/Kg
P2037-21	E1CY6	Solid	Chrysene	9.200		0.28	3.7	ug/Kg
P2037-21	E1CY6	Solid	Dibenzo(a,h)anthracene	2.000	J	0.52	3.7	ug/Kg
P2037-21	E1CY6	Solid	Fluoranthene	13.000		0.2	3.7	ug/Kg
P2037-21	E1CY6	Solid	Indeno(1,2,3-cd)pyrene	6.200		0.58	3.7	ug/Kg
P2037-21	E1CY6	Solid	Naphthalene	3.200	J	0.22	3.7	ug/Kg
P2037-21	E1CY6	Solid	Phenanthrene	11.000		0.2	3.7	ug/Kg
P2037-21	E1CY6	Solid	Pyrene	10.000		0.27	3.7	ug/Kg

Total Svoc :

101.60

Total Concentration:

101.60

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		4.600	0.56	3.6	ug/Kg
P2037-22	E1CX7	Solid	2-Methylnaphthalene		10.000	0.21	3.6	ug/Kg
P2037-22	E1CX7	Solid	Acenaphthene		1.700	J 0.2	3.6	ug/Kg
P2037-22	E1CX7	Solid	Acenaphthylene		4.800	0.36	3.6	ug/Kg
P2037-22	E1CX7	Solid	Anthracene		10.000	0.18	3.6	ug/Kg
P2037-22	E1CX7	Solid	Benzo(a)anthracene		60.000	E 0.1	3.6	ug/Kg
P2037-22	E1CX7	Solid	Benzo(a)pyrene		46.000	0.35	3.6	ug/Kg
P2037-22	E1CX7	Solid	Benzo(b)fluoranthene		100.000	E 0.51	3.6	ug/Kg
P2037-22	E1CX7	Solid	Benzo(g,h,i)perylene		38.000	0.81	3.6	ug/Kg
P2037-22	E1CX7	Solid	Benzo(k)fluoranthene		24.000	0.35	3.6	ug/Kg
P2037-22	E1CX7	Solid	Chrysene		50.000	0.27	3.6	ug/Kg
P2037-22	E1CX7	Solid	Dibenzo(a,h)anthracene		13.000	0.51	3.6	ug/Kg
P2037-22	E1CX7	Solid	Fluoranthene		71.000	E 0.2	3.6	ug/Kg
P2037-22	E1CX7	Solid	Fluorene		2.700	J 0.24	3.6	ug/Kg
P2037-22	E1CX7	Solid	Indeno(1,2,3-cd)pyrene		39.000	0.56	3.6	ug/Kg
P2037-22	E1CX7	Solid	Naphthalene		21.000	0.22	3.6	ug/Kg
P2037-22	E1CX7	Solid	Phenanthrene		45.000	0.2	3.6	ug/Kg
P2037-22	E1CX7	Solid	Pyrene		61.000	E 0.26	3.6	ug/Kg

Total Svoc :

601.80

Total Concentration:

601.80

Hit Summary Sheet SW-846

SDG No.: BM042524

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
Client ID : E1CX7DL								
P2037-22DL	E1CX7DL	Solid	Total Alkanes	*	0.000	D 4.8	36	ug/Kg
			Total Tics :			0.00		
P2037-22DL	E1CX7DL	Solid	1-Methylnaphthalene		4.300	JD 2.8	18	ug/Kg
P2037-22DL	E1CX7DL	Solid	2-Methylnaphthalene		7.600	JD 1	18	ug/Kg
P2037-22DL	E1CX7DL	Solid	Acenaphthylene		4.500	JD 1.8	18	ug/Kg
P2037-22DL	E1CX7DL	Solid	Anthracene		9.800	JD 0.92	18	ug/Kg
P2037-22DL	E1CX7DL	Solid	Benzo(a)anthracene		63.000	D 0.5	18	ug/Kg
P2037-22DL	E1CX7DL	Solid	Benzo(a)pyrene		42.000	D 1.7	18	ug/Kg
P2037-22DL	E1CX7DL	Solid	Benzo(b)fluoranthene		83.000	D 2.5	18	ug/Kg
P2037-22DL	E1CX7DL	Solid	Benzo(g,h,i)perylene		32.000	D 4.1	18	ug/Kg
P2037-22DL	E1CX7DL	Solid	Benzo(k)fluoranthene		25.000	D 1.7	18	ug/Kg
P2037-22DL	E1CX7DL	Solid	Chrysene		41.000	D 1.4	18	ug/Kg
P2037-22DL	E1CX7DL	Solid	Dibenzo(a,h)anthracene		11.000	JD 2.5	18	ug/Kg
P2037-22DL	E1CX7DL	Solid	Fluoranthene		67.000	D 0.98	18	ug/Kg
P2037-22DL	E1CX7DL	Solid	Indeno(1,2,3-cd)pyrene		33.000	D 2.8	18	ug/Kg
P2037-22DL	E1CX7DL	Solid	Naphthalene		19.000	D 1.1	18	ug/Kg
P2037-22DL	E1CX7DL	Solid	Phenanthrene		42.000	D 0.98	18	ug/Kg
P2037-22DL	E1CX7DL	Solid	Pyrene		59.000	D 1.3	18	ug/Kg
			Total Svoc :			543.20		
			Total Concentration:			543.20		
Client ID : E1CX8DL								
P2037-23DL	E1CX8DL	Solid	Total Alkanes	*	0.000	D 4.7	36	ug/Kg
			Total Tics :			0.00		
P2037-23DL	E1CX8DL	Solid	1-Methylnaphthalene		15.000	JD 2.8	18	ug/Kg
P2037-23DL	E1CX8DL	Solid	2-Methylnaphthalene		15.000	JD 1	18	ug/Kg
P2037-23DL	E1CX8DL	Solid	Acenaphthylene		12.000	JD 1.8	18	ug/Kg
P2037-23DL	E1CX8DL	Solid	Benzo(a)anthracene		49.000	D 0.5	18	ug/Kg
P2037-23DL	E1CX8DL	Solid	Benzo(a)pyrene		31.000	D 1.7	18	ug/Kg
P2037-23DL	E1CX8DL	Solid	Benzo(b)fluoranthene		77.000	D 2.5	18	ug/Kg
P2037-23DL	E1CX8DL	Solid	Benzo(g,h,i)perylene		25.000	D 4	18	ug/Kg
P2037-23DL	E1CX8DL	Solid	Benzo(k)fluoranthene		24.000	D 1.7	18	ug/Kg
P2037-23DL	E1CX8DL	Solid	Chrysene		57.000	D 1.3	18	ug/Kg
P2037-23DL	E1CX8DL	Solid	Fluoranthene		110.000	D 0.96	18	ug/Kg
P2037-23DL	E1CX8DL	Solid	Indeno(1,2,3-cd)pyrene		23.000	D 2.8	18	ug/Kg
P2037-23DL	E1CX8DL	Solid	Naphthalene		12.000	JD 1.1	18	ug/Kg
P2037-23DL	E1CX8DL	Solid	Phenanthrene		92.000	D 0.96	18	ug/Kg
P2037-23DL	E1CX8DL	Solid	Pyrene		120.000	D 1.3	18	ug/Kg
			Total Svoc :			662.00		
			Total Concentration:			662.00		

Hit Summary Sheet SW-846

SDG No.: BM042524

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
Client ID : E1CX8RE								
P2037-23RE	E1CX8RE	Solid	Total Alkanes	*	0.000	0.95	7.1	ug/Kg
			Total Tics :			0.00		
P2037-23RE	E1CX8RE	Solid	1-Methylnaphthalene		14.000	0.55	3.5	ug/Kg
P2037-23RE	E1CX8RE	Solid	2-Methylnaphthalene		14.000	0.2	3.5	ug/Kg
P2037-23RE	E1CX8RE	Solid	Acenaphthene		3.300 J	0.19	3.5	ug/Kg
P2037-23RE	E1CX8RE	Solid	Acenaphthylene		9.600	0.35	3.5	ug/Kg
P2037-23RE	E1CX8RE	Solid	Benzo(a)anthracene		37.000	0.1	3.5	ug/Kg
P2037-23RE	E1CX8RE	Solid	Benzo(a)pyrene		29.000	0.34	3.5	ug/Kg
P2037-23RE	E1CX8RE	Solid	Benzo(b)fluoranthene		65.000 E	0.5	3.5	ug/Kg
P2037-23RE	E1CX8RE	Solid	Benzo(g,h,i)perylene		14.000	0.8	3.5	ug/Kg
P2037-23RE	E1CX8RE	Solid	Benzo(k)fluoranthene		18.000	0.34	3.5	ug/Kg
P2037-23RE	E1CX8RE	Solid	Chrysene		47.000	0.27	3.5	ug/Kg
P2037-23RE	E1CX8RE	Solid	Fluoranthene		55.000	0.19	3.5	ug/Kg
P2037-23RE	E1CX8RE	Solid	Indeno(1,2,3-cd)pyrene		14.000	0.55	3.5	ug/Kg
P2037-23RE	E1CX8RE	Solid	Naphthalene		11.000	0.21	3.5	ug/Kg
P2037-23RE	E1CX8RE	Solid	Phenanthrene		86.000 E	0.19	3.5	ug/Kg
P2037-23RE	E1CX8RE	Solid	Pyrene		73.000 E	0.26	3.5	ug/Kg
			Total Svoc :			489.90		
			Total Concentration:			489.90		
Client ID : E1CX9DL								
P2037-24DL	E1CX9DL	Solid	Total Alkanes	*	0.000 D	5	37	ug/Kg
			Total Tics :			0.00		
P2037-24DL	E1CX9DL	Solid	1-Methylnaphthalene		9.300 JD	2.9	18	ug/Kg
P2037-24DL	E1CX9DL	Solid	2-Methylnaphthalene		12.000 JD	1.1	18	ug/Kg
P2037-24DL	E1CX9DL	Solid	Acenaphthene		5.800 JD	1	18	ug/Kg
P2037-24DL	E1CX9DL	Solid	Acenaphthylene		9.300 JD	1.8	18	ug/Kg
P2037-24DL	E1CX9DL	Solid	Anthracene		9.500 JD	0.95	18	ug/Kg
P2037-24DL	E1CX9DL	Solid	Benzo(a)anthracene		35.000 D	0.52	18	ug/Kg
P2037-24DL	E1CX9DL	Solid	Benzo(a)pyrene		24.000 D	1.8	18	ug/Kg
P2037-24DL	E1CX9DL	Solid	Benzo(b)fluoranthene		47.000 D	2.6	18	ug/Kg
P2037-24DL	E1CX9DL	Solid	Benzo(g,h,i)perylene		17.000 JD	4.2	18	ug/Kg
P2037-24DL	E1CX9DL	Solid	Benzo(k)fluoranthene		14.000 JD	1.8	18	ug/Kg
P2037-24DL	E1CX9DL	Solid	Chrysene		36.000 D	1.4	18	ug/Kg
P2037-24DL	E1CX9DL	Solid	Fluoranthene		72.000 D	1	18	ug/Kg
P2037-24DL	E1CX9DL	Solid	Fluorene		5.000 JD	1.2	18	ug/Kg
P2037-24DL	E1CX9DL	Solid	Indeno(1,2,3-cd)pyrene		17.000 JD	2.9	18	ug/Kg
P2037-24DL	E1CX9DL	Solid	Naphthalene		36.000 D	1.1	18	ug/Kg
P2037-24DL	E1CX9DL	Solid	Phenanthrene		73.000 D	1	18	ug/Kg
P2037-24DL	E1CX9DL	Solid	Pyrene		76.000 D	1.3	18	ug/Kg

Hit Summary Sheet SW-846

SDG No.: BM042524

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
			Total Svoc :		497.90			
			Total Concentration:		497.90			
Client ID : E1CX9RE								
P2037-24RE	E1CX9RE	Solid	Total Alkanes	*	0.000	0.99	7.5	ug/Kg
			Total Tics :		0.00			
P2037-24RE	E1CX9RE	Solid	1-Methylnaphthalene		8.300	0.58	3.7	ug/Kg
P2037-24RE	E1CX9RE	Solid	2-Methylnaphthalene		11.000	0.21	3.7	ug/Kg
P2037-24RE	E1CX9RE	Solid	Acenaphthene		5.000	0.2	3.7	ug/Kg
P2037-24RE	E1CX9RE	Solid	Acenaphthylene		7.400	0.37	3.7	ug/Kg
P2037-24RE	E1CX9RE	Solid	Anthracene		7.500	0.19	3.7	ug/Kg
P2037-24RE	E1CX9RE	Solid	Benzo(a)anthracene		32.000	0.1	3.7	ug/Kg
P2037-24RE	E1CX9RE	Solid	Benzo(a)pyrene		25.000	0.36	3.7	ug/Kg
P2037-24RE	E1CX9RE	Solid	Benzo(b)fluoranthene		50.000	0.52	3.7	ug/Kg
P2037-24RE	E1CX9RE	Solid	Benzo(g,h,i)perylene		14.000	0.84	3.7	ug/Kg
P2037-24RE	E1CX9RE	Solid	Benzo(k)fluoranthene		15.000	0.36	3.7	ug/Kg
P2037-24RE	E1CX9RE	Solid	Chrysene		31.000	0.28	3.7	ug/Kg
P2037-24RE	E1CX9RE	Solid	Fluoranthene		51.000	0.2	3.7	ug/Kg
P2037-24RE	E1CX9RE	Solid	Fluorene		4.600	0.24	3.7	ug/Kg
P2037-24RE	E1CX9RE	Solid	Indeno(1,2,3-cd)pyrene		13.000	0.58	3.7	ug/Kg
P2037-24RE	E1CX9RE	Solid	Naphthalene		32.000	0.22	3.7	ug/Kg
P2037-24RE	E1CX9RE	Solid	Phenanthrene		65.000	E 0.2	3.7	ug/Kg
P2037-24RE	E1CX9RE	Solid	Pyrene		56.000	0.27	3.7	ug/Kg
			Total Svoc :		427.80			
			Total Concentration:		427.80			
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		1.500	J 0.19	3.6	ug/Kg
P2104-05	C0AA7	Solid	Acenaphthylene		15.000	0.36	3.6	ug/Kg
P2104-05	C0AA7	Solid	Anthracene		18.000	0.18	3.6	ug/Kg
P2104-05	C0AA7	Solid	Benzo(a)anthracene		9.600	0.1	3.6	ug/Kg
P2104-05	C0AA7	Solid	Benzo(a)pyrene		1.800	J 0.35	3.6	ug/Kg
P2104-05	C0AA7	Solid	Benzo(b)fluoranthene		6.500	0.51	3.6	ug/Kg
P2104-05	C0AA7	Solid	Benzo(g,h,i)perylene		1.400	J 0.81	3.6	ug/Kg
P2104-05	C0AA7	Solid	Benzo(k)fluoranthene		2.900	J 0.35	3.6	ug/Kg
P2104-05	C0AA7	Solid	Chrysene		3.500	J 0.27	3.6	ug/Kg
P2104-05	C0AA7	Solid	Fluoranthene		11.000	0.19	3.6	ug/Kg
P2104-05	C0AA7	Solid	Fluorene		7.200	0.24	3.6	ug/Kg
P2104-05	C0AA7	Solid	Indeno(1,2,3-cd)pyrene		1.700	J 0.56	3.6	ug/Kg
P2104-05	C0AA7	Solid	Phenanthrene		8.200	0.19	3.6	ug/Kg

Hit Summary Sheet SW-846

SDG No.: BM042524

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
P2104-05	C0AA7	Solid	Pyrene	2.700	J	0.26	3.6	ug/Kg
Total Svoc :				91.00				
Total Concentration:				91.00				
Client ID : C0AA7RE								
P2104-05RE	C0AA7RE	Solid	Total Alkanes	*	0.000	0.96	7.2	ug/Kg
Total Tics :				0.00				
P2104-05RE	C0AA7RE	Solid	Acenaphthene	1.500	J	0.19	3.6	ug/Kg
P2104-05RE	C0AA7RE	Solid	Acenaphthylene	20.000		0.36	3.6	ug/Kg
P2104-05RE	C0AA7RE	Solid	Anthracene	20.000		0.18	3.6	ug/Kg
P2104-05RE	C0AA7RE	Solid	Benzo(a)anthracene	9.000		0.1	3.6	ug/Kg
P2104-05RE	C0AA7RE	Solid	Benzo(a)pyrene	1.900	J	0.35	3.6	ug/Kg
P2104-05RE	C0AA7RE	Solid	Benzo(b)fluoranthene	6.300		0.51	3.6	ug/Kg
P2104-05RE	C0AA7RE	Solid	Benzo(g,h,i)perylene	1.000	J	0.81	3.6	ug/Kg
P2104-05RE	C0AA7RE	Solid	Benzo(k)fluoranthene	3.100	J	0.35	3.6	ug/Kg
P2104-05RE	C0AA7RE	Solid	Chrysene	3.200	J	0.27	3.6	ug/Kg
P2104-05RE	C0AA7RE	Solid	Fluoranthene	9.100		0.19	3.6	ug/Kg
P2104-05RE	C0AA7RE	Solid	Fluorene	8.000		0.24	3.6	ug/Kg
P2104-05RE	C0AA7RE	Solid	Indeno(1,2,3-cd)pyrene	1.400	J	0.56	3.6	ug/Kg
P2104-05RE	C0AA7RE	Solid	Phenanthrene	7.900		0.19	3.6	ug/Kg
P2104-05RE	C0AA7RE	Solid	Pyrene	2.100	J	0.26	3.6	ug/Kg
Total Svoc :				94.50				
Total Concentration:				94.50				
Client ID : YCSW0								
P2141-05	YCSW0	Water	Total Alkanes	*	0.000	0.03	0.2	ug/L
Total Tics :				0.00				
Total Concentration:				0.00				
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	1.000		0.029	0.2	ug/L
Total Svoc :				1.00				
Total Concentration:				1.00				
Client ID : E1CX1								
P2203-01	E1CX1	Solid	Total Alkanes	*	0.000	0.96	7.2	ug/Kg
Total Tics :				0.00				
P2203-01	E1CX1	Solid	1-Methylnaphthalene	1.100	J	0.56	3.5	ug/Kg
P2203-01	E1CX1	Solid	2-Methylnaphthalene	1.900	J	0.2	3.5	ug/Kg
P2203-01	E1CX1	Solid	Acenaphthylene	2.100	J	0.35	3.5	ug/Kg
P2203-01	E1CX1	Solid	Anthracene	2.300	J	0.18	3.5	ug/Kg

Hit Summary Sheet SW-846

SDG No.: BM042524

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
P2203-01	E1CX1	Solid	Benzo(a)anthracene	14.000		0.1	3.5	ug/Kg
P2203-01	E1CX1	Solid	Benzo(a)pyrene	15.000		0.34	3.5	ug/Kg
P2203-01	E1CX1	Solid	Benzo(b)fluoranthene	24.000		0.51	3.5	ug/Kg
P2203-01	E1CX1	Solid	Benzo(g,h,i)perylene	13.000		0.81	3.5	ug/Kg
P2203-01	E1CX1	Solid	Benzo(k)fluoranthene	5.800		0.34	3.5	ug/Kg
P2203-01	E1CX1	Solid	Chrysene	9.700		0.27	3.5	ug/Kg
P2203-01	E1CX1	Solid	Dibenzo(a,h)anthracene	3.700		0.51	3.5	ug/Kg
P2203-01	E1CX1	Solid	Fluoranthene	17.000		0.19	3.5	ug/Kg
P2203-01	E1CX1	Solid	Fluorene	0.720	J	0.24	3.5	ug/Kg
P2203-01	E1CX1	Solid	Indeno(1,2,3-cd)pyrene	10.000		0.56	3.5	ug/Kg
P2203-01	E1CX1	Solid	Naphthalene	2.700	J	0.22	3.5	ug/Kg
P2203-01	E1CX1	Solid	Phenanthrene	8.500		0.19	3.5	ug/Kg
P2203-01	E1CX1	Solid	Pyrene	16.000		0.26	3.5	ug/Kg
Total Svoc :				147.52				
Total Concentration:				147.52				
Client ID :	E1CX2							
P2203-02	E1CX2	Solid	Total Alkanes	*	0.000	1.1	8.2	ug/Kg
Total Tics :				0.00				
P2203-02	E1CX2	Solid	Benzo(a)anthracene	1.300	J	0.11	4	ug/Kg
P2203-02	E1CX2	Solid	Benzo(a)pyrene	1.100	J	0.39	4	ug/Kg
P2203-02	E1CX2	Solid	Benzo(b)fluoranthene	2.200	J	0.57	4	ug/Kg
P2203-02	E1CX2	Solid	Benzo(g,h,i)perylene	1.100	J	0.91	4	ug/Kg
P2203-02	E1CX2	Solid	Chrysene	0.890	J	0.3	4	ug/Kg
P2203-02	E1CX2	Solid	Fluoranthene	1.900	J	0.22	4	ug/Kg
P2203-02	E1CX2	Solid	Indeno(1,2,3-cd)pyrene	0.940	J	0.63	4	ug/Kg
P2203-02	E1CX2	Solid	Naphthalene	1.100	J	0.24	4	ug/Kg
P2203-02	E1CX2	Solid	Phenanthrene	1.500	J	0.22	4	ug/Kg
P2203-02	E1CX2	Solid	Pyrene	1.700	J	0.29	4	ug/Kg
Total Svoc :				13.73				
Total Concentration:				13.73				
Client ID :	E1CW8							
P2203-09	E1CW8	Solid	Total Alkanes	*	0.000	0.96	7.2	ug/Kg
Total Tics :				0.00				
P2203-09	E1CW8	Solid	1-Methylnaphthalene	46.000		0.56	3.6	ug/Kg
P2203-09	E1CW8	Solid	2-Methylnaphthalene	92.000	E	0.2	3.6	ug/Kg
P2203-09	E1CW8	Solid	Acenaphthene	9.700		0.19	3.6	ug/Kg
P2203-09	E1CW8	Solid	Acenaphthylene	40.000		0.36	3.6	ug/Kg
P2203-09	E1CW8	Solid	Anthracene	52.000		0.18	3.6	ug/Kg
P2203-09	E1CW8	Solid	Benzo(a)anthracene	240.000	E	0.1	3.6	ug/Kg
P2203-09	E1CW8	Solid	Benzo(a)pyrene	230.000	E	0.35	3.6	ug/Kg

Hit Summary Sheet SW-846

SDG No.: BM042524

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
P2203-09	E1CW8	Solid	Benzo(b)fluoranthene	370.000	E	0.51	3.6	ug/Kg
P2203-09	E1CW8	Solid	Benzo(g,h,i)perylene	190.000	E	0.81	3.6	ug/Kg
P2203-09	E1CW8	Solid	Benzo(k)fluoranthene	98.000	E	0.35	3.6	ug/Kg
P2203-09	E1CW8	Solid	Chrysene	180.000	E	0.27	3.6	ug/Kg
P2203-09	E1CW8	Solid	Dibenzo(a,h)anthracene	56.000		0.51	3.6	ug/Kg
P2203-09	E1CW8	Solid	Fluoranthene	270.000	E	0.19	3.6	ug/Kg
P2203-09	E1CW8	Solid	Fluorene	26.000		0.24	3.6	ug/Kg
P2203-09	E1CW8	Solid	Indeno(1,2,3-cd)pyrene	160.000	E	0.56	3.6	ug/Kg
P2203-09	E1CW8	Solid	Naphthalene	100.000	E	0.22	3.6	ug/Kg
P2203-09	E1CW8	Solid	Phenanthrene	230.000	E	0.19	3.6	ug/Kg
P2203-09	E1CW8	Solid	Pyrene	260.000	E	0.26	3.6	ug/Kg
Total Svoc :				2,649.70				
Total Concentration:				2,649.70				

Client ID : E1CX3

P2203-12	E1CX3	Solid	Total Alkanes	*	0.000	1.2	9	ug/Kg
Total Tics :				0.00				
P2203-12	E1CX3	Solid	2-Methylnaphthalene		1.000	J 0.25	4.4	ug/Kg
P2203-12	E1CX3	Solid	Acenaphthene		0.940	J 0.24	4.4	ug/Kg
P2203-12	E1CX3	Solid	Acenaphthylene		2.100	J 0.44	4.4	ug/Kg
P2203-12	E1CX3	Solid	Anthracene		5.700	0.23	4.4	ug/Kg
P2203-12	E1CX3	Solid	Benzo(a)anthracene		11.000	0.12	4.4	ug/Kg
P2203-12	E1CX3	Solid	Benzo(a)pyrene		6.600	0.43	4.4	ug/Kg
P2203-12	E1CX3	Solid	Benzo(b)fluoranthene		9.100	0.63	4.4	ug/Kg
P2203-12	E1CX3	Solid	Benzo(g,h,i)perylene		2.900	J 1	4.4	ug/Kg
P2203-12	E1CX3	Solid	Benzo(k)fluoranthene		2.700	J 0.43	4.4	ug/Kg
P2203-12	E1CX3	Solid	Chrysene		5.600	0.34	4.4	ug/Kg
P2203-12	E1CX3	Solid	Fluoranthene		14.000	0.24	4.4	ug/Kg
P2203-12	E1CX3	Solid	Fluorene		2.000	J 0.29	4.4	ug/Kg
P2203-12	E1CX3	Solid	Indeno(1,2,3-cd)pyrene		3.200	J 0.7	4.4	ug/Kg
P2203-12	E1CX3	Solid	Naphthalene		8.200	0.27	4.4	ug/Kg
P2203-12	E1CX3	Solid	Phenanthrene		13.000	0.24	4.4	ug/Kg
P2203-12	E1CX3	Solid	Pyrene		12.000	0.32	4.4	ug/Kg
Total Svoc :				100.04				
Total Concentration:				100.04				

Client ID : E1CW9

P2203-17	E1CW9	Solid	Total Alkanes	*	0.000	0.96	7.2	ug/Kg
Total Tics :				0.00				
P2203-17	E1CW9	Solid	1-Methylnaphthalene		31.000	0.56	3.5	ug/Kg
P2203-17	E1CW9	Solid	2-Methylnaphthalene		68.000	E 0.2	3.5	ug/Kg
P2203-17	E1CW9	Solid	Acenaphthene		6.500	0.19	3.5	ug/Kg

Hit Summary Sheet SW-846

SDG No.: BM042524

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
P2203-17	E1CW9	Solid	Acenaphthylene	100.000	E	0.35	3.5	ug/Kg
P2203-17	E1CW9	Solid	Anthracene	200.000	E	0.18	3.5	ug/Kg
P2203-17	E1CW9	Solid	Benzo(a)anthracene	470.000	E	0.1	3.5	ug/Kg
P2203-17	E1CW9	Solid	Benzo(a)pyrene	380.000	E	0.34	3.5	ug/Kg
P2203-17	E1CW9	Solid	Benzo(b)fluoranthene	510.000	E	0.51	3.5	ug/Kg
P2203-17	E1CW9	Solid	Benzo(g,h,i)perylene	240.000	E	0.81	3.5	ug/Kg
P2203-17	E1CW9	Solid	Benzo(k)fluoranthene	150.000	E	0.34	3.5	ug/Kg
P2203-17	E1CW9	Solid	Chrysene	260.000	E	0.27	3.5	ug/Kg
P2203-17	E1CW9	Solid	Dibenzo(a,h)anthracene	57.000		0.51	3.5	ug/Kg
P2203-17	E1CW9	Solid	Fluoranthene	780.000	E	0.19	3.5	ug/Kg
P2203-17	E1CW9	Solid	Fluorene	49.000		0.24	3.5	ug/Kg
P2203-17	E1CW9	Solid	Indeno(1,2,3-cd)pyrene	220.000	E	0.56	3.5	ug/Kg
P2203-17	E1CW9	Solid	Naphthalene	440.000	E	0.22	3.5	ug/Kg
P2203-17	E1CW9	Solid	Phenanthrene	550.000	E	0.19	3.5	ug/Kg
P2203-17	E1CW9	Solid	Pyrene	650.000	E	0.26	3.5	ug/Kg

Total Svoc :

5,161.50

Total Concentration:

5,161.50

Client ID : E1CX0

P2203-18	E1CX0	Solid	Total Alkanes	*	0.000	0.97	7.3	ug/Kg
Total Tics :					0.00			
P2203-18	E1CX0	Solid	1-Methylnaphthalene		36.000	0.57	3.6	ug/Kg
P2203-18	E1CX0	Solid	2-Methylnaphthalene		58.000	0.21	3.6	ug/Kg
P2203-18	E1CX0	Solid	Acenaphthene		7.400	0.2	3.6	ug/Kg
P2203-18	E1CX0	Solid	Acenaphthylene		89.000	E	0.36	ug/Kg
P2203-18	E1CX0	Solid	Anthracene		46.000	0.19	3.6	ug/Kg
P2203-18	E1CX0	Solid	Benzo(a)anthracene		79.000	E	0.1	ug/Kg
P2203-18	E1CX0	Solid	Benzo(a)pyrene		61.000	E	0.35	ug/Kg
P2203-18	E1CX0	Solid	Benzo(b)fluoranthene		90.000	E	0.51	ug/Kg
P2203-18	E1CX0	Solid	Benzo(g,h,i)perylene		44.000	0.82	3.6	ug/Kg
P2203-18	E1CX0	Solid	Benzo(k)fluoranthene		30.000	0.35	3.6	ug/Kg
P2203-18	E1CX0	Solid	Chrysene		54.000	0.27	3.6	ug/Kg
P2203-18	E1CX0	Solid	Dibenzo(a,h)anthracene		11.000	0.51	3.6	ug/Kg
P2203-18	E1CX0	Solid	Fluoranthene		180.000	E	0.2	ug/Kg
P2203-18	E1CX0	Solid	Fluorene		23.000	0.24	3.6	ug/Kg
P2203-18	E1CX0	Solid	Indeno(1,2,3-cd)pyrene		37.000	0.57	3.6	ug/Kg
P2203-18	E1CX0	Solid	Naphthalene		330.000	E	0.22	ug/Kg
P2203-18	E1CX0	Solid	Phenanthrene		470.000	E	0.2	ug/Kg
P2203-18	E1CX0	Solid	Pyrene		140.000	E	0.26	ug/Kg

Total Svoc :

1,785.40

Hit Summary Sheet SW-846

SDG No.: BM042524

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
Total Concentration:				1,785.40				
Client ID : E1CY7								
P2203-19	E1CY7	Solid	Total Alkanes	*	0.000	0.96	7.2	ug/Kg
Total Tics :				0.00				
P2203-19	E1CY7	Solid	1-Methylnaphthalene		33.000	0.56	3.6	ug/Kg
P2203-19	E1CY7	Solid	2-Methylnaphthalene		68.000	E 0.2	3.6	ug/Kg
P2203-19	E1CY7	Solid	Acenaphthene		5.100	0.19	3.6	ug/Kg
P2203-19	E1CY7	Solid	Acenaphthylene		33.000	0.36	3.6	ug/Kg
P2203-19	E1CY7	Solid	Anthracene		40.000	0.18	3.6	ug/Kg
P2203-19	E1CY7	Solid	Benzo(a)anthracene		160.000	E 0.1	3.6	ug/Kg
P2203-19	E1CY7	Solid	Benzo(a)pyrene		140.000	E 0.34	3.6	ug/Kg
P2203-19	E1CY7	Solid	Benzo(b)fluoranthene		250.000	E 0.51	3.6	ug/Kg
P2203-19	E1CY7	Solid	Benzo(g,h,i)perylene		120.000	E 0.81	3.6	ug/Kg
P2203-19	E1CY7	Solid	Benzo(k)fluoranthene		58.000	E 0.34	3.6	ug/Kg
P2203-19	E1CY7	Solid	Chrysene		120.000	E 0.27	3.6	ug/Kg
P2203-19	E1CY7	Solid	Dibenzo(a,h)anthracene		34.000	0.51	3.6	ug/Kg
P2203-19	E1CY7	Solid	Fluoranthene		220.000	E 0.19	3.6	ug/Kg
P2203-19	E1CY7	Solid	Fluorene		21.000	0.24	3.6	ug/Kg
P2203-19	E1CY7	Solid	Indeno(1,2,3-cd)pyrene		99.000	E 0.56	3.6	ug/Kg
P2203-19	E1CY7	Solid	Naphthalene		73.000	E 0.22	3.6	ug/Kg
P2203-19	E1CY7	Solid	Phenanthrene		190.000	E 0.19	3.6	ug/Kg
P2203-19	E1CY7	Solid	Pyrene		200.000	E 0.26	3.6	ug/Kg
Total Svoc :				1,864.10				
Total Concentration:				1,864.10				
Client ID : E1CX4								
P2203-20	E1CX4	Solid	Total Alkanes	*	0.000	0.98	7.3	ug/Kg
Total Tics :				0.00				
P2203-20	E1CX4	Solid	1-Methylnaphthalene		37.000	0.57	3.6	ug/Kg
P2203-20	E1CX4	Solid	2-Methylnaphthalene		88.000	E 0.21	3.6	ug/Kg
P2203-20	E1CX4	Solid	Acenaphthene		130.000	E 0.2	3.6	ug/Kg
P2203-20	E1CX4	Solid	Acenaphthylene		24.000	0.36	3.6	ug/Kg
P2203-20	E1CX4	Solid	Anthracene		180.000	E 0.19	3.6	ug/Kg
P2203-20	E1CX4	Solid	Benzo(a)anthracene		180.000	E 0.1	3.6	ug/Kg
P2203-20	E1CX4	Solid	Benzo(a)pyrene		110.000	E 0.35	3.6	ug/Kg
P2203-20	E1CX4	Solid	Benzo(b)fluoranthene		190.000	E 0.52	3.6	ug/Kg
P2203-20	E1CX4	Solid	Benzo(g,h,i)perylene		67.000	E 0.82	3.6	ug/Kg
P2203-20	E1CX4	Solid	Benzo(k)fluoranthene		55.000	0.35	3.6	ug/Kg
P2203-20	E1CX4	Solid	Chrysene		120.000	E 0.27	3.6	ug/Kg
P2203-20	E1CX4	Solid	Dibenzo(a,h)anthracene		22.000	0.52	3.6	ug/Kg

Hit Summary Sheet SW-846

SDG No.: BM042524

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
P2203-20	E1CX4	Solid	Fluoranthene	380.000	E	0.2	3.6	ug/Kg
P2203-20	E1CX4	Solid	Fluorene	150.000	E	0.24	3.6	ug/Kg
P2203-20	E1CX4	Solid	Indeno(1,2,3-cd)pyrene	64.000	E	0.57	3.6	ug/Kg
P2203-20	E1CX4	Solid	Naphthalene	180.000	E	0.22	3.6	ug/Kg
P2203-20	E1CX4	Solid	Phenanthrene	590.000	E	0.2	3.6	ug/Kg
P2203-20	E1CX4	Solid	Pyrene	260.000	E	0.26	3.6	ug/Kg
Total Svoc :				2,827.00				
Total Concentration:				2,827.00				
Client ID :	C0AP6							
P2251-01	C0AP6	Water	Total Alkanes	*	0.000	0.029	0.2	ug/L
Total Tics :				0.00				
P2251-01	C0AP6	Water	1,4-Dioxane		1.200	0.029	0.2	ug/L
Total Svoc :				1.20				
Total Concentration:				1.20				
Client ID :	C0AL2							
P2251-04	C0AL2	Water	Total Alkanes	*	0.000	0.029	0.2	ug/L
Total Tics :				0.00				
Total Concentration:				0.00				



6C

SEMIVOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name: CHEMTECH Contract: _____
Lab Code: CHEM Case No.: 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.: BM042524 SAS No.: BM042524 SDG NO.: BM042524

EPA Sample No.: SSTD0.4031

Date Analyzed: Apr 25 2024 12:00AM

Lab File ID: BM045424.D

Time Analyzed: 17:51

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	SBLK494	702	7.55	1989	10.31	1006	14.20
02	YCSX4	862	7.54	2416	10.31	1223	14.20
03	E1CY4	852	7.55	2295	10.31	1221	14.20
04	E1CY5	902	7.55	2468	10.31	1263	14.20
05	E1CY3	764	7.55	2193	10.31	1175	14.20
06	E1CY6	754	7.55	2049	10.31	1051	14.20
07	E1CX7	712	7.54	2005	10.31	1086	14.20
08	E1CX8RE	904	7.55	2447	10.31	1676	14.20
09	E1CX9RE	1170	7.55	3102	10.31	1676	14.20
10	C0AA7RE	1031	7.55	2798	10.33	1476	14.20
11	YCSW0	1052	7.55	2810	10.31	1361	14.20
12	C0AP6	1148	7.55	3064	10.31	1448	14.20
13	SLCS494	967	7.56	3040	10.33	1382	14.21
14	SLCS234	827	7.56	2541	10.33	1205	14.21
15	SBLK494	1103	7.54	2899	10.30	1383	14.20
16	E1CY4DL	942	7.55	2487	10.31	1221	14.20
17	E1CY5DL	997	7.54	2673	10.31	1255	14.20
18	E1CX7DL	899	7.55	2545	10.31	1227	14.20
19	E1CX8DL	1114	7.55	3114	10.31	1690	14.19
20	E1CX9DL	1026	7.55	2696	10.31	1320	14.20
21	C0AA7	1192	7.55	3328	10.31	1543	14.20
22	SBLK531	1055	7.54	3025	10.30	1446	14.20
23	E1CX1	1037	7.54	2950	10.31	1375	14.20

8B

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BM042524 SAS No.: BM042524 SDG NO.: BM042524

EPA Sample No.: SSTD0.4031

Date Analyzed: Apr 26 2024 12:00AM

Lab File ID: BM045424.D

Time Analyzed: 17:48

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	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 E1CX2	872	7.55	2507	10.31	1382	14.19
25 E1CW8	903	7.54	2516	10.30	1433	14.19
26 E1CX3	1029	7.54	2771	10.31	1343	14.20
27 E1CW9	1033	7.55	2783	10.30	1487	14.19
28 E1CX0	963	7.55	2665	10.30	1373	14.20
29 E1CY7	1079	7.54	2948	10.30	1533	14.20
30 E1CX4	1015	7.55	2876	10.31	1425	14.19
31 E1CX4MS	831	7.56	2319	10.31	1134	14.20
32 E1CX4MSD	647	7.56	2042	10.31	1087	14.20
33 SLCS531	826	7.56	2411	10.33	1129	14.21
34 C0AL2	815	7.54	2236	10.30	1369	14.19
35 SBLK562	834	7.54	2309	10.31	1092	14.20
36 SLCS562	760	7.56	2277	10.33	1026	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.: BM042524 SAS No.: BM042524 SDG NO.: BM042524

EPA Sample No.: SSTD0.4095 Date Analyzed: Apr 25 2024 12:00AM

Lab File ID: BM045566.D Time Analyzed: 17:51

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	704	7.576	2176	10.34	1055	14.21
UPPER LIMIT	1408	8.076	4352	10.836	2110	14.705
LOWER LIMIT	352	7.076	1088	9.836	527.5	13.705
EPA SAMPLE NO.						
01 SBLK494	702	7.55	1989	10.31	1006	14.20
02 YCSX4	862	7.54	2416	10.31	1223	14.20
03 E1CY4	852	7.55	2295	10.31	1221	14.20
04 E1CY5	902	7.55	2468	10.31	1263	14.20
05 E1CY3	764	7.55	2193	10.31	1175	14.20
06 E1CY6	754	7.55	2049	10.31	1051	14.20
07 E1CX7	712	7.54	2005	10.31	1086	14.20
08 E1CX8RE	904	7.55	2447	10.31	1676	14.20
09 E1CX9RE	1170	7.55	3102	10.31	1676	14.20
10 C0AA7RE	1031	7.55	2798	10.33	1476	14.20
11 YCSW0	1052	7.55	2810	10.31	1361	14.20
12 C0AP6	1148	7.55	3064	10.31	1448	14.20
13 SLCS494	967	7.56	3040	10.33	1382	14.21
14 SLCS234	827	7.56	2541	10.33	1205	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.: BM042524 SAS No.: BM042524 SDG NO.: BM042524

EPA Sample No.: SSTD0.4096 Date Analyzed: Apr 26 2024 12:00AM

Lab File ID: BM045581.D Time Analyzed: 08:42

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	1021	7.555	3008	10.33	1391	14.20
UPPER LIMIT	2042	8.055	6016	10.825	2782	14.701
LOWER LIMIT	510.5	7.055	1504	9.825	695.5	13.701
EPA SAMPLE NO.						
01 SBLK494	1103	7.54	2899	10.30	1383	14.20
02 E1CY4DL	942	7.55	2487	10.31	1221	14.20
03 E1CY5DL	997	7.54	2673	10.31	1255	14.20
04 E1CX7DL	899	7.55	2545	10.31	1227	14.20
05 E1CX8DL	1114	7.55	3114	10.31	1690	14.19
06 E1CX9DL	1026	7.55	2696	10.31	1320	14.20
07 C0AA7	1192	7.55	3328	10.31	1543	14.20

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.: BM042524 SAS No.: BM042524 SDG NO.: BM042524

EPA Sample No.: SSTD0.4097 Date Analyzed: Apr 26 2024 12:00AM

Lab File ID: BM045589.D Time Analyzed: 16:20

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

		IS1 (DCB) AREA #	RT #	IS2 (NPT) AREA #	RT #	IS3 (ANT) AREA #	RT #
	12 HOUR STD	962	7.555	2586	10.33	1210	14.20
	UPPER LIMIT	1924	8.055	5172	10.825	2420	14.701
	LOWER LIMIT	481	7.055	1293	9.825	605	13.701
	EPA SAMPLE NO.						
01	SBLK531	1055	7.54	3025	10.30	1446	14.20
02	E1CX1	1037	7.54	2950	10.31	1375	14.20
03	E1CX2	872	7.55	2507	10.31	1382	14.19
04	E1CW8	903	7.54	2516	10.30	1433	14.19
05	E1CX3	1029	7.54	2771	10.31	1343	14.20
06	E1CW9	1033	7.55	2783	10.30	1487	14.19
07	E1CX0	963	7.55	2665	10.30	1373	14.20
08	E1CY7	1079	7.54	2948	10.30	1533	14.20
09	E1CX4	1015	7.55	2876	10.31	1425	14.19
10	E1CX4MS	831	7.56	2319	10.31	1134	14.20
11	E1CX4MSD	647	7.56	2042	10.31	1087	14.20
12	SLCS531	826	7.56	2411	10.33	1129	14.21
13	C0AL2	815	7.54	2236	10.30	1369	14.19
14	SBLK562	834	7.54	2309	10.31	1092	14.20
15	SLCS562	760	7.56	2277	10.33	1026	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.: BM042524 SAS No.: BM042524 SDG NO.: BM042524

EPA Sample No.: SSTD0.4031 Date Analyzed: Apr 25 2024 12:00AM

Lab File ID: BM045424.D Time Analyzed: 17:51

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	SBLK494	2002	16.96	1596	21.20	1861	23.37
02	YCSX4	2471	16.96	1958	21.19	2269	23.37
03	E1CY4	2542	16.96	2096	21.18	3170	23.37
04	E1CY5	2506	16.96	2029	21.18	2483	23.37
05	E1CY3	2563	16.96	2211	21.18	2848	23.37
06	E1CY6	2196	16.96	1913	21.18	2478	23.37
07	E1CX7	2366	16.96	2127	21.18	2839	23.36
08	E1CX8RE	3880	16.96	8608 *	21.19	11389 *	23.40
09	E1CX9RE	3710	16.96	4633 *	21.18	6281 *	23.38
10	C0AA7RE	3169	16.97	3766 *	21.18	4702 *	23.37
11	YCSW0	2579	16.96	2455	21.19	2858	23.37
12	C0AP6	2811	16.96	2518	21.19	3016	23.37
13	SLCS494	2480	16.98	2269	21.19	3476	23.38
14	SLCS234	2151	16.98	2024	21.19	2953	23.38
15	SBLK494	2774	16.96	2348	21.19	2783	23.37
16	E1CY4DL	2309	16.96	1889	21.18	3025	23.37
17	E1CY5DL	2428	16.96	2031	21.18	3052	23.37
18	E1CX7DL	2280	16.96	1952	21.18	2957	23.36
19	E1CX8DL	3216	16.96	2545	21.18	4025	23.37
20	E1CX9DL	2710	16.96	2472	21.18	3851	23.37
21	C0AA7	2697	16.97	2380	21.18	3439	23.37

8C

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BM042524 SAS No.: BM042524 SDG NO.: BM042524

EPA Sample No.: SSTD0.4031 Date Analyzed: Apr 26 2024 12:00AM

Lab File ID: BM045424.D Time Analyzed: 16:20

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

		IS4 (PHN) AREA #	RT #	IS5 (CRY) AREA #	RT #	IS6 (PRY) AREA #	RT #
	12 HOUR STD	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	SBLK531	2568	16.96	2032	21.19	2422	23.37
23	E1CX1	2577	16.96	2058	21.18	2573	23.37
24	E1CX2	2429	16.96	1945	21.19	2523	23.37
25	E1CW8	2608	16.96	2159	21.18	3301	23.37
26	E1CX3	2631	16.96	2244	21.18	2763	23.37
27	E1CW9	2663	16.96	2209	21.18	2915	23.36
28	E1CX0	2569	16.96	2220	21.18	2789	23.36
29	E1CY7	2731	16.96	2288	21.18	3251	23.36
30	E1CX4	2656	16.95	2344	21.18	2850	23.36
31	E1CX4MS	2163	16.96	1950	21.18	2870	23.36
32	E1CX4MSD	2297	16.96	2177	21.18	3479	23.36
33	SLCS531	1930	16.98	1713	21.19	2615	23.37
34	C0AL2	2287	16.96	1925	21.17	2256	23.36
35	SBLK562	1960	16.96	1556	21.19	2014	23.37
36	SLCS562	1833	16.98	1651	21.19	2390	23.38

8C

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BM042524 SAS No.: BM042524 SDG NO.: BM042524

EPA Sample No.: SSTD0.4031 Date Analyzed: Apr 27 2024 12:00AM

Lab File ID: BM045424.D Time Analyzed: 01:15

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.						

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.: BM042524 SAS No.: BM042524 SDG NO.: BM042524

EPA Sample No.: SSTD0.4095 Date Analyzed: Apr 25 2024 12:00AM

Lab File ID: BM045566.D Time Analyzed: 17:51

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	2047	16.98	1762	21.19	2528	23.379
	UPPER LIMIT	4094	17.48	3524	21.69	5056	23.879
	LOWER LIMIT	1023.5	16.48	881	20.69	1264	22.879
	EPA SAMPLE NO.						
01	SBLK494	2002	16.96	1596	21.20	1861	23.37
02	YCSX4	2471	16.96	1958	21.19	2269	23.37
03	E1CY4	2542	16.96	2096	21.18	3170	23.37
04	E1CY5	2506	16.96	2029	21.18	2483	23.37
05	E1CY3	2563	16.96	2211	21.18	2848	23.37
06	E1CY6	2196	16.96	1913	21.18	2478	23.37
07	E1CX7	2366	16.96	2127	21.18	2839	23.36
08	E1CX8RE	3880	16.96	8608 *	21.19	11389 *	23.40
09	E1CX9RE	3710	16.96	4633 *	21.18	6281 *	23.38
10	C0AA7RE	3169	16.97	3766 *	21.18	4702	23.37
11	YCSW0	2579	16.96	2455	21.19	2858	23.37
12	C0AP6	2811	16.96	2518	21.19	3016	23.37
13	SLCS494	2480	16.98	2269	21.19	3476	23.38
14	SLCS234	2151	16.98	2024	21.19	2953	23.38

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.: BM042524 SAS No.: BM042524 SDG NO.: BM042524

EPA Sample No.: SSTD0.4096 Date Analyzed: Apr 26 2024 12:00AM

Lab File ID: BM045581.D Time Analyzed: 08:42

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	2580	16.976	2096	21.186	3274	23.375
UPPER LIMIT	5160	17.476	4192	21.686	6548	23.875
LOWER LIMIT	1290	16.476	1048	20.686	1637	22.875
EPA SAMPLE NO.						
01 SBLK494	2774	16.96	2348	21.19	2783	23.37
02 E1CY4DL	2309	16.96	1889	21.18	3025	23.37
03 E1CY5DL	2428	16.96	2031	21.18	3052	23.37
04 E1CX7DL	2280	16.96	1952	21.18	2957	23.36
05 E1CX8DL	3216	16.96	2545	21.18	4025	23.37
06 E1CX9DL	2710	16.96	2472	21.18	3851	23.37
07 C0AA7	2697	16.97	2380	21.18	3439	23.37

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.: BM042524 SAS No.: BM042524 SDG NO.: BM042524

EPA Sample No.: SSTD0.4097 Date Analyzed: Apr 26 2024 12:00AM

Lab File ID: BM045589.D Time Analyzed: 16:20

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

		IS4 (PHN) AREA #	RT #	IS5 (CRY) AREA #	RT #	IS6 (PRY) AREA #	RT #
	12 HOUR STD	2204	16.976	1984	21.189	2914	23.375
	UPPER LIMIT	4408	17.476	3968	21.689	5828	23.875
	LOWER LIMIT	1102	16.476	992	20.689	1457	22.875
	EPA SAMPLE NO.						
01	SBLK531	2568	16.96	2032	21.19	2422	23.37
02	E1CX1	2577	16.96	2058	21.18	2573	23.37
03	E1CX2	2429	16.96	1945	21.19	2523	23.37
04	E1CW8	2608	16.96	2159	21.18	3301	23.37
05	E1CX3	2631	16.96	2244	21.18	2763	23.37
06	E1CW9	2663	16.96	2209	21.18	2915	23.36
07	E1CX0	2569	16.96	2220	21.18	2789	23.36
08	E1CY7	2731	16.96	2288	21.18	3251	23.36
09	E1CX4	2656	16.95	2344	21.18	2850	23.36
10	E1CX4MS	2163	16.96	1950	21.18	2870	23.36
11	E1CX4MSD	2297	16.96	2177	21.18	3479	23.36
12	SLCS531	1930	16.98	1713	21.19	2615	23.37
13	C0AL2	2287	16.96	1925	21.17	2256	23.36
14	SBLK562	1960	16.96	1556	21.19	2014	23.37
15	SLCS562	1833	16.98	1651	21.19	2390	23.38

8C

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BM042524 SAS No.: BM042524 SDG NO.: BM042524

EPA Sample No.: SSTD0.4097 Date Analyzed: Apr 27 2024 12:00AM

Lab File ID: BM045589.D Time Analyzed: 01:15

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	2204	16.976	1984	21.189	2914	23.375
UPPER LIMIT	4408	17.476	3968	21.689	5828	23.875
LOWER LIMIT	1102	16.476	992	20.689	1457	22.875
EPA SAMPLE NO.						

IS4 (PHN) = Phenanthrene-d10

IS5 (CRY) = Chrysene-d12

IS6 (PRY) = Perylene-d12

AREA UPPER LIMIT = +100% of internal standard area

AREA LOWER LIMIT = -50% of internal standard area

RT UPPER LIMIT = +0.50 minutes of internal standard RT

RT UPPER LIMIT = -0.50 minutes of internal standard RT

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

* Values outside of QC limits.

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: BM042524

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	2.2	ug/L	110				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	0.35	ug/L	88				0	0		
	Acenaphthylene	0.4	0.41	ug/L	103				0	0		
	Acenaphthene	0.4	0.37	ug/L	93				0	0		
	Fluorene	0.4	0.34	ug/L	85				0	0		
	Pentachlorophenol	0.8	1.1	ug/L	138				0	0		
	Phenanthrene	0.4	0.37	ug/L	93				0	0		
	Anthracene	0.4	0.42	ug/L	105				0	0		
	Fluoranthene	0.4	0.31	ug/L	78				0	0		
	Pyrene	0.4	0.32	ug/L	80				0	0		
	Benzo(a)anthracene	0.4	0.44	ug/L	110				0	0		
	Chrysene	0.4	0.36	ug/L	90				0	0		
	Benzo(b)fluoranthene	0.4	0.39	ug/L	98				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	0.4	ug/L	100				0	0		
	Dibenzo(a,h)anthracene	0.4	0.4	ug/L	100				0	0		
	Benzo(g,h,i)perylene	0.4	0.37	ug/L	93				0	0		

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: BM042524

Client: _____

Analytical Method: SFAM_SVOASIM

DataFile: _____

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	RPD		Limits		RPD
								Qual	Low	High		
PB160494BS	1,4-Dioxane	2	1.9	ug/L	95				0	0		
	Naphthalene	0.4	0.34	ug/L	85				0	0		
	1-Methylnaphthalene	0.4	0.3	ug/L	75				0	0		
	2-Methylnaphthalene	0.4	0.34	ug/L	85				0	0		
	Acenaphthylene	0.4	0.39	ug/L	98				0	0		
	Acenaphthene	0.4	0.34	ug/L	85				0	0		
	Fluorene	0.4	0.32	ug/L	80				0	0		
	Pentachlorophenol	0.8	0.94	ug/L	117				0	0		
	Phenanthrene	0.4	0.34	ug/L	85				0	0		
	Anthracene	0.4	0.37	ug/L	93				0	0		
	Fluoranthene	0.4	0.29	ug/L	73				0	0		
	Pyrene	0.4	0.31	ug/L	78				0	0		
	Benzo(a)anthracene	0.4	0.43	ug/L	108				0	0		
	Chrysene	0.4	0.33	ug/L	83				0	0		
	Benzo(b)fluoranthene	0.4	0.36	ug/L	90				0	0		
	Benzo(k)fluoranthene	0.4	0.33	ug/L	83				0	0		
	Benzo(a)pyrene	0.4	0.36	ug/L	90				0	0		
	Indeno(1,2,3-cd)pyrene	0.4	0.35	ug/L	88				0	0		
	Dibenzo(a,h)anthracene	0.4	0.35	ug/L	88				0	0		
	Benzo(g,h,i)perylene	0.4	0.32	ug/L	80				0	0		

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: **BM042524**

Client:

Analytical Method: **SFAM_SVOASIM**

DataFile:

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	RPD		Limits	
								Qual	Low	High	RPD
PB160531BS	1,4-Dioxane	66.7	72	ug/Kg	108				0	0	
	Naphthalene	13.3	13	ug/Kg	98				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	14	ug/Kg	105				0	0	
	Acenaphthene	13.3	12	ug/Kg	90				0	0	
	Fluorene	13.3	11	ug/Kg	83				0	0	
	Pentachlorophenol	26.7	34	ug/Kg	127				0	0	
	Phenanthrene	13.3	12	ug/Kg	90				0	0	
	Anthracene	13.3	14	ug/Kg	105				0	0	
	Fluoranthene	13.3	11	ug/Kg	83				0	0	
	Pyrene	13.3	11	ug/Kg	83				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	12	ug/Kg	90				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.: BM042524

Client: _____

Analytical Method: SFAM_SVOASIM

DataFile: _____

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	RPD		Limits		RPD
								Qual	Low	High		
PB160562BS	1,4-Dioxane	2	1.9	ug/L	95				0	0		
	Naphthalene	0.4	0.36	ug/L	90				0	0		
	1-Methylnaphthalene	0.4	0.32	ug/L	80				0	0		
	2-Methylnaphthalene	0.4	0.35	ug/L	88				0	0		
	Acenaphthylene	0.4	0.38	ug/L	95				0	0		
	Acenaphthene	0.4	0.36	ug/L	90				0	0		
	Fluorene	0.4	0.35	ug/L	88				0	0		
	Pentachlorophenol	0.8	0.96	ug/L	120				0	0		
	Phenanthrene	0.4	0.35	ug/L	88				0	0		
	Anthracene	0.4	0.41	ug/L	103				0	0		
	Fluoranthene	0.4	0.31	ug/L	78				0	0		
	Pyrene	0.4	0.31	ug/L	78				0	0		
	Benzo(a)anthracene	0.4	0.42	ug/L	105				0	0		
	Chrysene	0.4	0.33	ug/L	83				0	0		
	Benzo(b)fluoranthene	0.4	0.37	ug/L	93				0	0		
	Benzo(k)fluoranthene	0.4	0.33	ug/L	83				0	0		
	Benzo(a)pyrene	0.4	0.36	ug/L	90				0	0		
	Indeno(1,2,3-cd)pyrene	0.4	0.37	ug/L	93				0	0		
	Dibenzo(a,h)anthracene	0.4	0.37	ug/L	93				0	0		
	Benzo(g,h,i)perylene	0.4	0.34	ug/L	85				0	0		

4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

C0AA7

Lab Name: CHEMTECH

Contract: _____

Lab Code: CHEM Case No.: BM042524

SAS No.: BM042524 SDG NO.: BM042524

Lab File ID: BM045588.D

Lab Sample ID: P2104-05

Instrument ID: BNA_M

Date Extracted: 04/12/2024

Matrix: (soil/water) Solid

Date Analyzed: 04/26/2024

Level: (low/med) LOW

Time Analyzed: 13:16

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
C0AA7	P2104-05	BM045588.D	04/26/2024

COMMENTS: _____

4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

SLCS234

Lab Name: CHEMTECH

Contract: _____

Lab Code: CHEM Case No.: BM042524

SAS No.: BM042524 SDG NO.: BM042524

Lab File ID: BM045580.D

Lab Sample ID: PB160234BS

Instrument ID: BNA_M

Date Extracted: 04/13/2024

Matrix: (soil/water) Water

Date Analyzed: 04/26/2024

Level: (low/med) LOW

Time Analyzed: 01:49

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
PB160234BS	PB160234BS	BM045580.D	04/26/2024

COMMENTS: _____

4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

E1CY4

Lab Name: CHEMTECH

Contract: _____

Lab Code: CHEM Case No.: BM042524

SAS No.: BM042524 SDG NO.: BM042524

Lab File ID: BM045569.D

Lab Sample ID: P2037-18

Instrument ID: BNA_M

Date Extracted: 04/15/2024

Matrix: (soil/water) Solid

Date Analyzed: 04/25/2024

Level: (low/med) LOW

Time Analyzed: 19:05

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
E1CY4	P2037-18	BM045569.D	04/25/2024
E1CY5	P2037-19	BM045570.D	04/25/2024
E1CY3	P2037-20	BM045571.D	04/25/2024
E1CY6	P2037-21	BM045572.D	04/25/2024
E1CX7	P2037-22	BM045573.D	04/25/2024

COMMENTS: _____

4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

YCSX4

Lab Name: CHEMTECH

Contract: _____

Lab Code: CHEM Case No.: BM042524

SAS No.: BM042524 SDG NO.: BM042524

Lab File ID: BM045568.D

Lab Sample ID: P2142-02

Instrument ID: BNA_M

Date Extracted: 04/20/2024

Matrix: (soil/water) Water

Date Analyzed: 04/25/2024

Level: (low/med) LOW

Time Analyzed: 18:28

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
YCSX4	P2142-02	BM045568.D	04/25/2024

COMMENTS: _____

4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

YCSW0

Lab Name: CHEMTECH

Contract: _____

Lab Code: CHEM Case No.: BM042524

SAS No.: BM042524 SDG NO.: BM042524

Lab File ID: BM045577.D

Lab Sample ID: P2141-05

Instrument ID: BNA_M

Date Extracted: 04/22/2024

Matrix: (soil/water) Water

Date Analyzed: 04/26/2024

Level: (low/med) LOW

Time Analyzed: 00:00

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
YCSW0	P2141-05	BM045577.D	04/26/2024

COMMENTS: _____

4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

SBLK494

Lab Name: CHEMTECH

Contract: _____

Lab Code: CHEM Case No.: BM042524

SAS No.: BM042524 SDG NO.: BM042524

Lab File ID: BM045567.D

Lab Sample ID: PB160494BL

Instrument ID: BNA_M

Date Extracted: 04/24/2024

Matrix: (soil/water) Water

Date Analyzed: 04/25/2024

Level: (low/med) LOW

Time Analyzed: 17:51

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
C0AP6	P2251-01	BM045578.D	04/26/2024
PB160494BS	PB160494BS	BM045579.D	04/26/2024

COMMENTS: _____

4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

SBLK531

Lab Name: CHEMTECH

Contract: _____

Lab Code: CHEM Case No.: BM042524

SAS No.: BM042524 SDG NO.: BM042524

Lab File ID: BM045590.D

Lab Sample ID: PB160531BL

Instrument ID: BNA_M

Date Extracted: 04/25/2024

Matrix: (soil/water) Solid

Date Analyzed: 04/26/2024

Level: (low/med) LOW

Time Analyzed: 16:20

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
E1CX1	P2203-01	BM045591.D	04/26/2024
E1CX2	P2203-02	BM045592.D	04/26/2024
E1CW8	P2203-09	BM045593.D	04/26/2024
E1CX3	P2203-12	BM045594.D	04/26/2024
E1CW9	P2203-17	BM045595.D	04/26/2024
E1CX0	P2203-18	BM045596.D	04/26/2024
E1CY7	P2203-19	BM045597.D	04/26/2024
E1CX4	P2203-20	BM045598.D	04/26/2024
E1CX4MS	P2203-21MS	BM045599.D	04/26/2024
E1CX4MSD	P2203-22MSD	BM045600.D	04/26/2024
PB160531BS	PB160531BS	BM045601.D	04/26/2024

COMMENTS: _____

4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

SBLK562

Lab Name: CHEMTECH

Contract: _____

Lab Code: CHEM Case No.: BM042524

SAS No.: BM042524 SDG NO.: BM042524

Lab File ID: BM045603.D

Lab Sample ID: PB160562BL

Instrument ID: BNA_M

Date Extracted: 04/26/2024

Matrix: (soil/water) Water

Date Analyzed: 04/27/2024

Level: (low/med) LOW

Time Analyzed: 00:37

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
PB160562BS	PB160562BS	BM045604.D	04/27/2024
COAL2	P2251-04	BM045602.D	04/27/2024

COMMENTS: _____

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: BM042524

Client: _____

Analytical Method: SFAM_SVOASIM

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Low	Limits High	RPD
Lab Sample ID:	P2203-21MS	Client Sample ID:	E1CX4MS					DataFile:	BM045599.D		
1,4-Dioxane	73.3		46	ug/Kg	63				15	120	
Naphthalene	14.7	180	110	ug/Kg	-476				0	0	
1-Methylnaphthalene	14.7	37	32	ug/Kg	-34				0	0	
2-Methylnaphthalene	14.7	88	64	ug/Kg	-163				0	0	
Acenaphthylene	14.7	24	31	ug/Kg	48				0	0	
Acenaphthene	14.7	130	82	ug/Kg	-327	*			31	137	
Fluorene	14.7	150	95	ug/Kg	-374				0	0	
Pentachlorophenol	29.3			ug/Kg	0	*			17	109	
Phenanthrene	14.7	590	370	ug/Kg	-1497				0	0	
Anthracene	14.7	180	140	ug/Kg	-272				0	0	
Fluoranthene	14.7	380	270	ug/Kg	-748				0	0	
Pyrene	14.7	260	200	ug/Kg	-408	*			35	142	
Benzo(a)anthracene	14.7	180	150	ug/Kg	-204				0	0	
Chrysene	14.7	120	98	ug/Kg	-150				0	0	
Benzo(b)fluoranthene	14.7	190	140	ug/Kg	-340				0	0	
Benzo(k)fluoranthene	14.7	55	45	ug/Kg	-68				0	0	
Benzo(a)pyrene	14.7	110	89	ug/Kg	-143				0	0	
Indeno(1,2,3-cd)pyrene	14.7	64	56	ug/Kg	-54				0	0	
Dibenzo(a,h)anthracene	14.7	22	26	ug/Kg	27				0	0	
Benzo(g,h,i)perylene	14.7	67	58	ug/Kg	-61				0	0	

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: BM042524

Client: _____

Analytical Method: SFAM_SVOASIM

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Low	Limits High	RPD
Lab Sample ID:	P2203-22MSD	Client Sample ID:	E1CX4MSD					DataFile:	BM045600.D		
1,4-Dioxane	73.2		44	ug/Kg	60		5		15	120	50
Naphthalene	14.6	180	110	ug/Kg	-479		1	*	0	0	0
1-Methylnaphthalene	14.6	37	33	ug/Kg	-27		23	*	0	0	0
2-Methylnaphthalene	14.6	88	64	ug/Kg	-164		1	*	0	0	0
Acenaphthylene	14.6	24	33	ug/Kg	62		25	*	0	0	0
Acenaphthene	14.6	130	83	ug/Kg	-322	*	2		31	137	19
Fluorene	14.6	150	97	ug/Kg	-363		3	*	0	0	0
Pentachlorophenol	29.3			ug/Kg	0	*			17	109	47
Phenanthrene	14.6	590	370	ug/Kg	-1507		1	*	0	0	0
Anthracene	14.6	180	140	ug/Kg	-274		1	*	0	0	0
Fluoranthene	14.6	380	270	ug/Kg	-753		1	*	0	0	0
Pyrene	14.6	260	200	ug/Kg	-411	*	1		35	142	36
Benzo(a)anthracene	14.6	180	160	ug/Kg	-137		39	*	0	0	0
Chrysene	14.6	120	100	ug/Kg	-137		9	*	0	0	0
Benzo(b)fluoranthene	14.6	190	130	ug/Kg	-411		19	*	0	0	0
Benzo(k)fluoranthene	14.6	55	43	ug/Kg	-82		19	*	0	0	0
Benzo(a)pyrene	14.6	110	86	ug/Kg	-164		14	*	0	0	0
Indeno(1,2,3-cd)pyrene	14.6	64	54	ug/Kg	-68		23	*	0	0	0
Dibenzo(a,h)anthracene	14.6	22	25	ug/Kg	21		25	*	0	0	0
Benzo(g,h,i)perylene	14.6	67	56	ug/Kg	-75		21	*	0	0	0



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Surrogate Summary

SW-846

SDG No.: BM042524

Client: _____

Analytical Method: SFAM_SVOASIM

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P2104-05	C0AA7	BM045588.D	1,4-Dioxane-d8	8	2.76	34		15	120
			Fluoranthene-d10	0.4	0.34	84		30	130
			2-Methylnaphthalene-d10	0.4	0.38	94		20	140
P2104-05RE	C0AA7RE	BM045576.D	1,4-Dioxane-d8	8	2.79	35		15	120
			Fluoranthene-d10	0.4	0.00	1	*	30	130
			2-Methylnaphthalene-d10	0.4	0.01	2	*	20	140



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Surrogate Summary

SW-846

SDG No.: BM042524

Client: _____

Analytical Method: SFAM_SVOASIM

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
PB160234BS	PB160234BS	BM045580.D	1,4-Dioxane-d8	0.8	0.78	97		15	120
			Fluoranthene-d10	0.4	0.30	74		30	130
			2-Methylnaphthalene-d10	0.4	0.35	88		30	130

Surrogate Summary

SW-846

SDG No.: **BM042524**

Client: _____

Analytical Method: **SFAM_SVOASIM**

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P2037-18	E1CY4	BM045569.D	1,4-Dioxane-d8	8	2.80	35		15	120
			Fluoranthene-d10	0.4	0.16	41		30	130
			2-Methylnaphthalene-d10	0.4	0.21	52		20	140
P2037-18DL	E1CY4DL	BM045583.D	1,4-Dioxane-d8	8	3.87	48		15	120
			Fluoranthene-d10	0.4	0.25	63		30	130
			2-Methylnaphthalene-d10	0.4	0.29	71		20	140
P2037-19	E1CY5	BM045570.D	1,4-Dioxane-d8	8	5.11	64		15	120
			Fluoranthene-d10	0.4	0.31	77		30	130
			2-Methylnaphthalene-d10	0.4	0.33	83		20	140
P2037-19DL	E1CY5DL	BM045584.D	1,4-Dioxane-d8	8	5.21	65		15	120
			Fluoranthene-d10	0.4	0.30	75		30	130
			2-Methylnaphthalene-d10	0.4	0.33	81		20	140
P2037-20	E1CY3	BM045571.D	1,4-Dioxane-d8	8	4.97	62		15	120
			Fluoranthene-d10	0.4	0.28	69		30	130
			2-Methylnaphthalene-d10	0.4	0.32	80		20	140
P2037-21	E1CY6	BM045572.D	1,4-Dioxane-d8	8	3.38	42		15	120
			Fluoranthene-d10	0.4	0.21	52		30	130
			2-Methylnaphthalene-d10	0.4	0.22	54		20	140
P2037-22	E1CX7	BM045573.D	1,4-Dioxane-d8	8	3.91	49		15	120
			Fluoranthene-d10	0.4	0.23	58		30	130
			2-Methylnaphthalene-d10	0.4	0.26	66		20	140
P2037-22DL	E1CX7DL	BM045585.D	1,4-Dioxane-d8	8	3.56	44		15	120
			Fluoranthene-d10	0.4	0.22	54		30	130
			2-Methylnaphthalene-d10	0.4	0.22	55		20	140
P2037-23DL	E1CX8DL	BM045586.D	1,4-Dioxane-d8	8	3.77	47		15	120
			Fluoranthene-d10	0.4	0.43	106		30	130
			2-Methylnaphthalene-d10	0.4	0.36	90		20	140
P2037-23RE	E1CX8RE	BM045574.D	1,4-Dioxane-d8	8	3.96	50		15	120
			Fluoranthene-d10	0.4	0.22	56		30	130
			2-Methylnaphthalene-d10	0.4	0.36	91		20	140
P2037-24DL	E1CX9DL	BM045587.D	1,4-Dioxane-d8	8	4.18	52		15	120
			Fluoranthene-d10	0.4	0.30	74		30	130
			2-Methylnaphthalene-d10	0.4	0.29	72		20	140
P2037-24RE	E1CX9RE	BM045575.D	1,4-Dioxane-d8	8	3.59	45		15	120
			Fluoranthene-d10	0.4	0.22	54		30	130
			2-Methylnaphthalene-d10	0.4	0.27	68		20	140



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Surrogate Summary

SW-846

SDG No.: BM042524

Client: _____

Analytical Method: SFAM_SVOASIM

Lab Sample ID	Client ID	Datafile	Parameter	Spike	Result	Recovery (%)	Qual	Limits (%)	
				(PPM)	(PPM)			Low	High
P2142-02	YCSX4	BM045568.D	1,4-Dioxane-d8	8	3.58	45		15	120
			Fluoranthene-d10	0.4	0.39	98		30	130
			2-Methylnaphthalene-d10	0.4	0.36	89		30	130



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Surrogate Summary

SW-846

SDG No.: BM042524

Client: _____

Analytical Method: SFAM_SVOASIM

Lab Sample ID	Client ID	Datafile	Parameter	Spike	Result	Recovery (%)	Qual	Limits (%)	
				(PPM)	(PPM)			Low	High
P2141-05	YCSW0	BM045577.D	1,4-Dioxane-d8	8	3.79	47		15	120
			Fluoranthene-d10	0.4	0.35	87		30	130
			2-Methylnaphthalene-d10	0.4	0.36	90		30	130



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Surrogate Summary

SW-846

SDG No.: BM042524

Client: _____

Analytical Method: SFAM_SVOASIM

Lab Sample ID	Client ID	Datafile	Parameter	Spike	Result	Recovery (%)	Qual	Limits (%)	
				(PPM)	(PPM)			Low	High
P2251-01	C0AP6	BM045578.D	1,4-Dioxane-d8	8	3.66	46		15	120
			Fluoranthene-d10	0.4	0.33	82		30	130
			2-Methylnaphthalene-d10	0.4	0.31	78		30	130
PB160494BL	PB160494BL	BM045567.D	1,4-Dioxane-d8	8	6.32	79		15	120
			1,4-Dioxane-d8	8	6.20	77		15	120
		BM045582.D	Fluoranthene-d10	0.4	0.30	74		30	130
			Fluoranthene-d10	0.4	0.31	78		30	130
			2-Methylnaphthalene-d10	0.4	0.34	84		30	130
			2-Methylnaphthalene-d10	0.4	0.35	86		30	130
PB160494BS	PB160494BS	BM045579.D	1,4-Dioxane-d8	0.8	0.70	87		15	120
			Fluoranthene-d10	0.4	0.29	72		30	130
			2-Methylnaphthalene-d10	0.4	0.32	81		30	130

Surrogate Summary

SW-846

SDG No.: **BM042524**

Client: _____

Analytical Method: **SFAM_SVOASIM**

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P2203-01	E1CX1	BM045591.D	1,4-Dioxane-d8	8	4.56	57		15	120
			Fluoranthene-d10	0.4	0.28	70		30	130
			2-Methylnaphthalene-d10	0.4	0.30	74		20	140
P2203-02	E1CX2	BM045592.D	1,4-Dioxane-d8	8	4.42	55		15	120
			Fluoranthene-d10	0.4	0.24	60		30	130
			2-Methylnaphthalene-d10	0.4	0.29	72		20	140
P2203-09	E1CW8	BM045593.D	1,4-Dioxane-d8	8	5.24	66		15	120
			Fluoranthene-d10	0.4	0.36	90		30	130
			2-Methylnaphthalene-d10	0.4	0.42	105		20	140
P2203-12	E1CX3	BM045594.D	1,4-Dioxane-d8	8	4.89	61		15	120
			Fluoranthene-d10	0.4	0.27	68		30	130
			2-Methylnaphthalene-d10	0.4	0.32	79		20	140
P2203-17	E1CW9	BM045595.D	1,4-Dioxane-d8	8	4.41	55		15	120
			Fluoranthene-d10	0.4	0.25	63		30	130
			2-Methylnaphthalene-d10	0.4	0.35	88		20	140
P2203-18	E1CX0	BM045596.D	1,4-Dioxane-d8	8	4.61	58		15	120
			Fluoranthene-d10	0.4	0.26	64		30	130
			2-Methylnaphthalene-d10	0.4	0.35	87		20	140
P2203-19	E1CY7	BM045597.D	1,4-Dioxane-d8	8	4.05	51		15	120
			Fluoranthene-d10	0.4	0.23	56		30	130
			2-Methylnaphthalene-d10	0.4	0.27	67		20	140
P2203-20	E1CX4	BM045598.D	1,4-Dioxane-d8	8	5.60	70		15	120
			Fluoranthene-d10	0.4	0.28	70		30	130
			2-Methylnaphthalene-d10	0.4	0.33	82		20	140
P2203-21MS	E1CX4MS	BM045599.D	1,4-Dioxane-d8	0.8	0.44	56		15	120
			Fluoranthene-d10	0.4	0.25	62		30	130
			2-Methylnaphthalene-d10	0.4	0.29	73		20	140
P2203-22MSD	E1CX4MSD	BM045600.D	1,4-Dioxane-d8	0.8	0.58	73		15	120
			Fluoranthene-d10	0.4	0.25	63		30	130
			2-Methylnaphthalene-d10	0.4	0.31	76		20	140
PB160531BL	PB160531BL	BM045590.D	1,4-Dioxane-d8	8	6.00	75		15	120
			Fluoranthene-d10	0.4	0.27	68		30	130
			2-Methylnaphthalene-d10	0.4	0.31	79		20	140
PB160531BS	PB160531BS	BM045601.D	1,4-Dioxane-d8	0.8	0.74	93		15	120
			Fluoranthene-d10	0.4	0.31	78		30	130
			2-Methylnaphthalene-d10	0.4	0.35	88		20	140



284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Surrogate Summary

SW-846

SDG No.: **BM042524**

Client: _____

Analytical Method: **SFAM_SVOASIM**

Lab Sample ID	Client ID	Datafile	Parameter	Spike	Result	Recovery (%)	Qual	Limits (%)	
				(PPM)	(PPM)			Low	High
P2251-04	C0AL2	BM045602.D	1,4-Dioxane-d8	8	4.74	59		15	120
			Fluoranthene-d10	0.4	0.41	102		30	130
			2-Methylnaphthalene-d10	0.4	0.45	112		30	130
PB160562BL	PB160562BL	BM045603.D	1,4-Dioxane-d8	8	6.20	77		15	120
			Fluoranthene-d10	0.4	0.30	76		30	130
			2-Methylnaphthalene-d10	0.4	0.35	86		30	130
PB160562BS	PB160562BS	BM045604.D	1,4-Dioxane-d8	0.8	0.73	91		15	120
			Fluoranthene-d10	0.4	0.29	72		30	130
			2-Methylnaphthalene-d10	0.4	0.33	83		30	130

5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: CHEMTECH

Contract: BM042524

Lab Code: CHEM

SAS No.: BM042524

SDG NO.: BM042524

Lab File ID: BM045565.D

DFTPP Injection Date: 04/25/2024

Instrument ID: BNA_M

DFTPP Injection Time: 16:00

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
51	10.0 - 80.0% of mass 198	70.7
68	Less than 2.0% of mass 69	1.3 (2) 1
69	Mass 69 relative abundance	66.1
70	Less than 2.0% of mass 69	0.0 (0.0) 1
127	10.0 - 80.0% of mass 198	65.1
197	Less than 2.0% of mass 198	0.4
198	Base Peak, 100% relative abundance	100
199	5.0 to 9.0% of mass 198	6.2
275	10.0 - 60.0% of mass 198	24.6
365	Greater than 1% of mass 198	6.3
441	Present, but less than mass 443	12.8
442	Greater than 50% of mass 198	75.2
443	15.0 - 24.0% of mass 442	13.8 (18.3) 2

1-Value is % mass 69

2-Value is % mass 442

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
SSTD0.4095	SSTDCCC0.4	BM045566.D	04/25/2024	17:14
SBLK494	PB160494BL	BM045567.D	04/25/2024	17:51
YCSX4	P2142-02	BM045568.D	04/25/2024	18:28
E1CY4	P2037-18	BM045569.D	04/25/2024	19:05
E1CY5	P2037-19	BM045570.D	04/25/2024	19:42
E1CY3	P2037-20	BM045571.D	04/25/2024	20:19
E1CY6	P2037-21	BM045572.D	04/25/2024	20:56
E1CX7	P2037-22	BM045573.D	04/25/2024	21:33
E1CX8RE	P2037-23RE	BM045574.D	04/25/2024	22:10
E1CX9RE	P2037-24RE	BM045575.D	04/25/2024	22:47
C0AA7RE	P2104-05RE	BM045576.D	04/25/2024	23:23
YCSW0	P2141-05	BM045577.D	04/26/2024	00:00
C0AP6	P2251-01	BM045578.D	04/26/2024	00:37
SLCS494	PB160494BS	BM045579.D	04/26/2024	01:13
SLCS234	PB160234BS	BM045580.D	04/26/2024	01:49
SSTD0.4096	SSTDCCC0.4	BM045581.D	04/26/2024	03:02
SBLK494	PB160494BL	BM045582.D	04/26/2024	08:42
E1CY4DL	P2037-18DL	BM045583.D	04/26/2024	09:17

5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: CHEMTECH

Contract: BM042524

Lab Code: CHEM

SAS No.: BM042524

SDG NO.: BM042524

Lab File ID: BM045565.D

DFTPP Injection Date: 04/25/2024

Instrument ID: BNA_M

DFTPP Injection Time: 16:00

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
51	10.0 - 80.0% of mass 198	70.7
68	Less than 2.0% of mass 69	1.3 (2) 1
69	Mass 69 relative abundance	66.1
70	Less than 2.0% of mass 69	0.0 (0.0) 1
127	10.0 - 80.0% of mass 198	65.1
197	Less than 2.0% of mass 198	0.4
198	Base Peak, 100% relative abundance	100
199	5.0 to 9.0% of mass 198	6.2
275	10.0 - 60.0% of mass 198	24.6
365	Greater than 1% of mass 198	6.3
441	Present, but less than mass 443	12.8
442	Greater than 50% of mass 198	75.2
443	15.0 - 24.0% of mass 442	13.8 (18.3) 2

1-Value is % mass 69

2-Value is % mass 442

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
E1CY5DL	P2037-19DL	BM045584.D	04/26/2024	09:54
E1CX7DL	P2037-22DL	BM045585.D	04/26/2024	10:30
E1CX8DL	P2037-23DL	BM045586.D	04/26/2024	11:06
E1CX9DL	P2037-24DL	BM045587.D	04/26/2024	11:43
C0AA7	P2104-05	BM045588.D	04/26/2024	13:16
SSTD0.4097	SSTDCCC0.4	BM045589.D	04/26/2024	13:55
SBLK531	PB160531BL	BM045590.D	04/26/2024	16:20
E1CX1	P2203-01	BM045591.D	04/26/2024	17:11
E1CX2	P2203-02	BM045592.D	04/26/2024	17:48
E1CW8	P2203-09	BM045593.D	04/26/2024	18:25
E1CX3	P2203-12	BM045594.D	04/26/2024	19:02
E1CW9	P2203-17	BM045595.D	04/26/2024	19:39
E1CX0	P2203-18	BM045596.D	04/26/2024	20:16
E1CY7	P2203-19	BM045597.D	04/26/2024	20:53
E1CX4	P2203-20	BM045598.D	04/26/2024	21:30
E1CX4MS	P2203-21MS	BM045599.D	04/26/2024	22:07
E1CX4MSD	P2203-22MSD	BM045600.D	04/26/2024	22:44
SLCS531	PB160531BS	BM045601.D	04/26/2024	23:22

5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: CHEMTECH

Contract: BM042524

Lab Code: CHEM

SAS No.: BM042524

SDG NO.: BM042524

Lab File ID: BM045565.D

DFTPP Injection Date: 04/25/2024

Instrument ID: BNA_M

DFTPP Injection Time: 16:00

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
51	10.0 - 80.0% of mass 198	70.7
68	Less than 2.0% of mass 69	1.3 (2) 1
69	Mass 69 relative abundance	66.1
70	Less than 2.0% of mass 69	0.0 (0.0) 1
127	10.0 - 80.0% of mass 198	65.1
197	Less than 2.0% of mass 198	0.4
198	Base Peak, 100% relative abundance	100
199	5.0 to 9.0% of mass 198	6.2
275	10.0 - 60.0% of mass 198	24.6
365	Greater than 1% of mass 198	6.3
441	Present, but less than mass 443	12.8
442	Greater than 50% of mass 198	75.2
443	15.0 - 24.0% of mass 442	13.8 (18.3) 2

1-Value is % mass 69

2-Value is % mass 442

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
C0AL2	P2251-04	BM045602.D	04/27/2024	00:00
SBLK562	PB160562BL	BM045603.D	04/27/2024	00:37
SLCS562	PB160562BS	BM045604.D	04/27/2024	01:15
SSTD0.4098	SSTDCCC0.4EC	BM045605.D	04/27/2024	01:53