

7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: _____
Lab Code: CHEM Case No.: BM042424 SAS No.: BM042424 SDG No.: BM042424
Instrument ID: BNA_M Calibration Date/Time: 4/24/2024 12:50
Lab File ID: BM045525.D Init. Calib. Date(s): _____
EPA Sample No.: SSTD0.4091 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	0.650	0.010	25.9802	40.0
1,4-Dioxane-d8	0.536	0.633	0.010	18.1383	40.0
Naphthalene	1.074	1.121	0.600	4.3986	30.0
1-Methylnaphthalene	0.688	0.727	0.300	5.658	30.0
2-Methylnaphthalene	0.614	0.691	0.300	12.5745	30.0
Acenaphthylene	1.973	1.943	0.900	-1.4894	30.0
Acenaphthene	1.465	1.413	0.500	-3.5426	30.0
Fluorene	1.567	1.568	0.700	0.071	30.0
Pentachlorophenol	0.080	0.083	0.010	4.0139	50.0
Phenanthrene	1.165	1.077	0.300	-7.5732	30.0
Anthracene	1.090	1.080	0.400	-0.867	30.0
Fluoranthene	1.846	1.528	0.400	-17.2391	30.0
Pyrene	1.897	1.644	0.500	-13.3711	30.0
Benzo (a) anthracene	1.279	1.329	0.400	3.9144	30.0
Chrysene	1.966	1.678	0.400	-14.6463	30.0
Benzo (b) fluoranthene	1.346	1.195	0.200	-11.1617	30.0
Benzo (k) fluoranthene	1.700	1.541	0.200	-9.3555	30.0
Benzo (a) pyrene	1.395	1.310	0.200	-6.1177	30.0
Indeno (1,2,3-cd) pyrene	2.028	1.779	0.200	-12.3047	30.0
Dibenzo (a,h) anthracene	1.609	1.401	0.200	-12.9274	30.0
Benzo (g,h,i) perylene	1.822	1.518	0.200	-16.7192	30.0
Fluoranthene-d10	1.259	1.050	0.400	-16.6097	30.0
2-Methylnaphthalene-d10	0.528	0.565	0.300	7.0735	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.: BM042424 SAS No.: BM042424 SDG No.: BM042424

Instrument ID: BNA_M Calibration Date/Time: 4/24/2024 1:19:27

Lab File ID: BM045534.D Init. Calib. Date(s): _____

EPA Sample No.: SSTD0.4092 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	0.679	0.010	31.6202	40.0
1,4-Dioxane-d8	0.536	0.588	0.010	9.5829	40.0
Naphthalene	1.074	1.021	0.600	-4.9854	30.0
1-Methylnaphthalene	0.688	0.672	0.300	-2.2963	30.0
2-Methylnaphthalene	0.614	0.616	0.300	0.3557	30.0
Acenaphthylene	1.973	1.931	0.900	-2.0976	30.0
Acenaphthene	1.465	1.401	0.500	-4.3312	30.0
Fluorene	1.567	1.498	0.700	-4.3777	30.0
Pentachlorophenol	0.080	0.077	0.010	-3.9993	50.0
Phenanthrene	1.165	1.081	0.300	-7.1806	30.0
Anthracene	1.090	1.027	0.400	-5.7628	30.0
Fluoranthene	1.846	1.531	0.400	-17.0564	30.0
Pyrene	1.897	1.619	0.500	-14.6897	30.0
Benzo (a) anthracene	1.279	1.304	0.400	1.9617	30.0
Chrysene	1.966	1.721	0.400	-12.4653	30.0
Benzo (b) fluoranthene	1.346	1.240	0.200	-7.8128	30.0
Benzo (k) fluoranthene	1.700	1.443	0.200	-15.1106	30.0
Benzo (a) pyrene	1.395	1.295	0.200	-7.2006	30.0
Indeno (1,2,3-cd) pyrene	2.028	1.799	0.200	-11.3084	30.0
Dibenzo (a,h) anthracene	1.609	1.394	0.200	-13.3534	30.0
Benzo (g,h,i) perylene	1.822	1.518	0.200	-16.6954	30.0
Fluoranthene-d10	1.259	1.084	0.400	-13.9442	30.0
2-Methylnaphthalene-d10	0.528	0.527	0.300	-0.1166	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.: BM042424 SAS No.: BM042424 SDG No.: BM042424

Instrument ID: BNA_M Calibration Date/Time: 4/25/2024 1:06:31

Lab File ID: BM045551.D Init. Calib. Date(s): _____

EPA Sample No.: SSTD0.4093 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	0.559	0.010	8.4111	40.0
1,4-Dioxane-d8	0.536	0.596	0.010	11.1978	40.0
Naphthalene	1.074	1.042	0.600	-3.0344	30.0
1-Methylnaphthalene	0.688	0.655	0.300	-4.8299	30.0
2-Methylnaphthalene	0.614	0.587	0.300	-4.3383	30.0
Acenaphthylene	1.973	2.217	0.900	12.402	30.0
Acenaphthene	1.465	1.469	0.500	0.274	30.0
Fluorene	1.567	1.537	0.700	-1.9257	30.0
Pentachlorophenol	0.080	0.104	0.010	30.9311	50.0
Phenanthrene	1.165	1.098	0.300	-5.7798	30.0
Anthracene	1.090	1.162	0.400	6.6381	30.0
Fluoranthene	1.846	1.595	0.400	-13.5827	30.0
Pyrene	1.897	1.676	0.500	-11.649	30.0
Benzo (a) anthracene	1.279	1.578	0.400	23.3793	30.0
Chrysene	1.966	1.839	0.400	-6.4493	30.0
Benzo (b) fluoranthene	1.346	1.307	0.200	-2.8525	30.0
Benzo (k) fluoranthene	1.700	1.487	0.200	-12.5035	30.0
Benzo (a) pyrene	1.395	1.382	0.200	-0.94	30.0
Indeno (1,2,3-cd) pyrene	2.028	1.961	0.200	-3.3142	30.0
Dibenzo (a,h) anthracene	1.609	1.550	0.200	-3.6227	30.0
Benzo (g,h,i) perylene	1.822	1.617	0.200	-11.2719	30.0
Fluoranthene-d10	1.259	1.036	0.400	-17.7189	30.0
2-Methylnaphthalene-d10	0.528	0.498	0.300	-5.6261	30.0

All other compounds must meet a minimum RRF of 0.010.

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:	SBLK441	SDG No.:	BM042424
Lab Sample ID:	PB160441BL	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
BM045526.D	1	4/22/2024 12:00:00 AM	4/24/2024 12:00:00 AM	PB160441

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	5.391		15-120		67	SPK: -8
93951-69-0	Fluoranthene-d10	0.259		30-130		65	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.306		20-140		76	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	722		7.551			
1146-65-2	Naphthalene-d8	2130		10.314			
15067-26-2	Acenaphthene-d10	1190		14.2			

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:	SBLK441	SDG No.:	BM042424
Lab Sample ID:	PB160441BL	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
BM045526.D	1	4/22/2024 12:00:00 AM	4/24/2024 12:00:00 AM	PB160441

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	2612	16.967				
1719-03-5	Chrysene-d12	2374	21.208				
1520-96-3	Perylene-d12	2439	23.385				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	0.89	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	4/12/2024 12:00:00 AM
Project:		Date Received:	4/12/2024 12:00:00 AM
Client Sample ID:	SLCS226	SDG No.:	BM042424
Lab Sample ID:	PB160226BS	Matrix:	Water
Analytical Method:	SFAM_SVOASIM	% Moisture:	100
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM045527.D	1	4/12/2024 12:00:00 AM	4/24/2024 12:00:00 AM	PB160226

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	0.38		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	0.4		0.0053	0.05	0.1	ug/L
208-96-8	Acenaphthylene	0.37		0.012	0.05	0.1	ug/L
83-32-9	Acenaphthene	0.37		0.0074	0.05	0.1	ug/L
86-73-7	Fluorene	0.37		0.0067	0.05	0.1	ug/L
87-86-5	Pentachlorophenol	0.85		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	0.39		0.008	0.05	0.1	ug/L
206-44-0	Fluoranthene	0.32		0.0079	0.05	0.1	ug/L
129-00-0	Pyrene	0.34		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	0.34		0.0077	0.05	0.1	ug/L
205-99-2	Benzo(b)fluoranthene	0.38		0.013	0.05	0.1	ug/L
207-08-9	Benzo(k)fluoranthene	0.36		0.0098	0.05	0.1	ug/L
50-32-8	Benzo(a)pyrene	0.38		0.017	0.05	0.1	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	0.35		0.017	0.05	0.1	ug/L
53-70-3	Dibenzo(a,h)anthracene	0.36		0.014	0.05	0.1	ug/L
191-24-2	Benzo(g,h,i)perylene	0.34		0.022	0.05	0.1	ug/L
SURROGATES							
17647-74-4	1,4-Dioxane-d8	0.727		15-120		91	SPK: -0.8
93951-69-0	Fluoranthene-d10	0.329		30-130		82	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.382		30-130		95	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	824		7.563			
1146-65-2	Naphthalene-d8	2476		10.336			
15067-26-2	Acenaphthene-d10	1361		14.21			

Report of Analysis

Client:		Date Collected:	4/12/2024 12:00:00 AM
Project:		Date Received:	4/12/2024 12:00:00 AM
Client Sample ID:	SLCS226	SDG No.:	BM042424
Lab Sample ID:	PB160226BS	Matrix:	Water
Analytical Method:	SFAM_SVOASIM	% Moisture:	100
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM045527.D	1	4/12/2024 12:00:00 AM	4/24/2024 12:00:00 AM	PB160226

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	2882	16.985				
1719-03-5	Chrysene-d12	2567	21.198				
1520-96-3	Perylene-d12	3653	23.39				
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.:	BM042424
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
BM045528.D	1	4/13/2024 12:00:00 AM	4/24/2024 12:00:00 AM	PB160234

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	1.9		0.029	0	0.2	ug/L
91-20-3	Naphthalene	0.37		0.0043	0.05	0.1	ug/L
90-12-0	1-Methylnaphthalene	0.35		0.015	0.05	0.1	ug/L
91-57-6	2-Methylnaphthalene	0.39		0.0053	0.05	0.1	ug/L
208-96-8	Acenaphthylene	0.37		0.012	0.05	0.1	ug/L
83-32-9	Acenaphthene	0.36		0.0074	0.05	0.1	ug/L
86-73-7	Fluorene	0.37		0.0067	0.05	0.1	ug/L
87-86-5	Pentachlorophenol	0.84		0.063	0.1	0.2	ug/L
85-01-8	Phenanthrene	0.36		0.0068	0.05	0.1	ug/L
120-12-7	Anthracene	0.38		0.008	0.05	0.1	ug/L
206-44-0	Fluoranthene	0.32		0.0079	0.05	0.1	ug/L
129-00-0	Pyrene	0.34		0.006	0.05	0.1	ug/L
56-55-3	Benzo(a)anthracene	0.43		0.0036	0.05	0.1	ug/L
218-01-9	Chrysene	0.35		0.0077	0.05	0.1	ug/L
205-99-2	Benzo(b)fluoranthene	0.38		0.013	0.05	0.1	ug/L
207-08-9	Benzo(k)fluoranthene	0.36		0.0098	0.05	0.1	ug/L
50-32-8	Benzo(a)pyrene	0.38		0.017	0.05	0.1	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	0.36		0.017	0.05	0.1	ug/L
53-70-3	Dibenzo(a,h)anthracene	0.36		0.014	0.05	0.1	ug/L
191-24-2	Benzo(g,h,i)perylene	0.34		0.022	0.05	0.1	ug/L
SURROGATES							
17647-74-4	1,4-Dioxane-d8	0.761		15-120		95	SPK: -0.8
93951-69-0	Fluoranthene-d10	0.333		30-130		83	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.385		30-130		96	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	866	7.563				
1146-65-2	Naphthalene-d8	2641	10.336				
15067-26-2	Acenaphthene-d10	1424	14.21				

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.:	BM042424
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
BM045528.D	1	4/13/2024 12:00:00 AM	4/24/2024 12:00:00 AM	PB160234

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	2981	16.985				
1719-03-5	Chrysene-d12	2549	21.198				
1520-96-3	Perylene-d12	3643	23.393				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	0.029	U			99	ug/L

Report of Analysis

Client:		Date Collected:	4/9/2024 12:00:00 AM
Project:		Date Received:	4/9/2024 12:00:00 AM
Client Sample ID:	C0AL4	SDG No.:	BM042424
Lab Sample ID:	P2077-10	Matrix:	Water
Analytical Method:	SFAM_SVOASIM	% Moisture:	100
Sample Wt/Vol:	980	Units:	mL
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM045529.D	1	4/16/2024 12:00:00 AM	4/24/2024 12:00:00 AM	PB160291

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	3.389		15-120		42	SPK: -8
93951-69-0	Fluoranthene-d10	0.332		30-130		83	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.345		30-130		86	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	801		7.551			
1146-65-2	Naphthalene-d8	2219		10.314			
15067-26-2	Acenaphthene-d10	1288		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:	C0AL4	SDG No.:	BM042424
Lab Sample ID:	P2077-10	Matrix:	Water
Analytical Method:	SFAM_SVOASIM	% Moisture:	100
Sample Wt/Vol:	980	Units:	mL
Soil Aliquot Vol:			uL
Extraction Type :		Decanted :	
Injection Volume :		Level :	LOW
		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM045529.D	1	4/16/2024 12:00:00 AM	4/24/2024 12:00:00 AM	PB160291

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	2742	16.963				
1719-03-5	Chrysene-d12	2291	21.208				
1520-96-3	Perylene-d12	2304	23.382				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	0.03	U			99	ug/L

Report of Analysis

Client:		Date Collected:	4/16/2024 12:00:00 AM
Project:		Date Received:	4/16/2024 12:00:00 AM
Client Sample ID:	C0S99	SDG No.:	BM042424
Lab Sample ID:	P2164-01	Matrix:	Solid
Analytical Method:	SFAM_SVOASIM	% Moisture:	18.6
Sample Wt/Vol:	30.1	Units:	g
Soil Aliquot Vol:		Final Vol:	500
		Test:	
Extraction Type :		Decanted :	Level :
Injection Volume :		GPC Factor :	Level :
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM045530.D	1	4/22/2024 12:00:00 AM	4/24/2024 12:00:00 AM	PB160441

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	1.6	J	0.24	1	4	ug/Kg
90-12-0	1-Methylnaphthalene	1.2	J	0.64	1	4	ug/Kg
91-57-6	2-Methylnaphthalene	1.2	J	0.23	1	4	ug/Kg
208-96-8	Acenaphthylene	6.3		0.4	1	4	ug/Kg
83-32-9	Acenaphthene	1.5	J	0.22	1	4	ug/Kg
86-73-7	Fluorene	2	J	0.27	1	4	ug/Kg
87-86-5	Pentachlorophenol	2.4	U	2.4	2.1	8.2	ug/Kg
85-01-8	Phenanthrene	41		0.22	1	4	ug/Kg
120-12-7	Anthracene	6.7		0.21	1	4	ug/Kg
206-44-0	Fluoranthene	63		0.22	1	4	ug/Kg
129-00-0	Pyrene	64		0.29	1	4	ug/Kg
56-55-3	Benzo(a)anthracene	36		0.11	1	4	ug/Kg
218-01-9	Chrysene	34		0.31	1	4	ug/Kg
205-99-2	Benzo(b)fluoranthene	63		0.58	1	4	ug/Kg
207-08-9	Benzo(k)fluoranthene	18		0.39	1	4	ug/Kg
50-32-8	Benzo(a)pyrene	40		0.39	1	4	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	26		0.64	1	4	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	7.1		0.58	1	4	ug/Kg
191-24-2	Benzo(g,h,i)perylene	27		0.92	1	4	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	2.591		15-120		32	SPK: -8
93951-69-0	Fluoranthene-d10	0.184		30-130		46	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.198		20-140		50	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	1008		7.551			
1146-65-2	Naphthalene-d8	2960		10.314			
15067-26-2	Acenaphthene-d10	1617		14.2			

Report of Analysis

Client:		Date Collected:	4/16/2024 12:00:00 AM
Project:		Date Received:	4/16/2024 12:00:00 AM
Client Sample ID:	C0S99	SDG No.:	BM042424
Lab Sample ID:	P2164-01	Matrix:	Solid
Analytical Method:	SFAM_SVOASIM	% Moisture:	18.6
Sample Wt/Vol:	30.1 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM045530.D	1	4/22/2024 12:00:00 AM	4/24/2024 12:00:00 AM	PB160441

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	3576	16.963				
1719-03-5	Chrysene-d12	3423	21.184				
1520-96-3	Perylene-d12	3846	23.376				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	1.1	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	4/16/2024 12:00:00 AM
Project:		Date Received:	4/16/2024 12:00:00 AM
Client Sample ID:	C0SA0	SDG No.:	BM042424
Lab Sample ID:	P2164-02	Matrix:	Solid
Analytical Method:	SFAM_SVOASIM	% Moisture:	11.7
Sample Wt/Vol:	30 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM045531.D	1	4/22/2024 12:00:00 AM	4/24/2024 12:00:00 AM	PB160441

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	1	U	1	0	7.6	ug/Kg
91-20-3	Naphthalene	0.23	U	0.23	0.93	3.7	ug/Kg
90-12-0	1-Methylnaphthalene	0.59	U	0.59	0.93	3.7	ug/Kg
91-57-6	2-Methylnaphthalene	0.22	U	0.22	0.93	3.7	ug/Kg
208-96-8	Acenaphthylene	1.2	J	0.37	0.93	3.7	ug/Kg
83-32-9	Acenaphthene	0.2	U	0.2	0.93	3.7	ug/Kg
86-73-7	Fluorene	0.25	U	0.25	0.93	3.7	ug/Kg
87-86-5	Pentachlorophenol	2.3	U	2.3	1.9	7.6	ug/Kg
85-01-8	Phenanthrene	3.6	J	0.2	0.93	3.7	ug/Kg
120-12-7	Anthracene	0.19	U	0.19	0.93	3.7	ug/Kg
206-44-0	Fluoranthene	5.1		0.2	0.93	3.7	ug/Kg
129-00-0	Pyrene	5.7		0.27	0.93	3.7	ug/Kg
56-55-3	Benzo(a)anthracene	3	J	0.11	0.93	3.7	ug/Kg
218-01-9	Chrysene	2.7	J	0.28	0.93	3.7	ug/Kg
205-99-2	Benzo(b)fluoranthene	4.9		0.53	0.93	3.7	ug/Kg
207-08-9	Benzo(k)fluoranthene	1.7	J	0.36	0.93	3.7	ug/Kg
50-32-8	Benzo(a)pyrene	3.3	J	0.36	0.93	3.7	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	2.2	J	0.59	0.93	3.7	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	0.53	U	0.53	0.93	3.7	ug/Kg
191-24-2	Benzo(g,h,i)perylene	2.5	J	0.85	0.93	3.7	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	3.555		15-120		44	SPK: -8
93951-69-0	Fluoranthene-d10	0.211		30-130		53	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.248		20-140		62	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	1003		7.551			
1146-65-2	Naphthalene-d8	2971		10.314			
15067-26-2	Acenaphthene-d10	1649		14.2			

Report of Analysis

Client:		Date Collected:	4/16/2024 12:00:00 AM
Project:		Date Received:	4/16/2024 12:00:00 AM
Client Sample ID:	C0SA0	SDG No.:	BM042424
Lab Sample ID:	P2164-02	Matrix:	Solid
Analytical Method:	SFAM_SVOASIM	% Moisture:	11.7
Sample Wt/Vol:	30 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM045531.D	1	4/22/2024 12:00:00 AM	4/24/2024 12:00:00 AM	PB160441

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	3556	16.963				
1719-03-5	Chrysene-d12	3225	21.199				
1520-96-3	Perylene-d12	3549	23.388				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	1	U			99	ug/Kg

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:	C0S96	SDG No.:	BM042424
Lab Sample ID:	P2164-04	Matrix:	Solid
Analytical Method:	SFAM_SVOASIM	% Moisture:	19.8
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
BM045532.D	1	4/22/2024 12:00:00 AM	4/24/2024 12:00:00 AM	PB160441

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	1.1	U	1.1	0	8.3	ug/Kg
91-20-3	Naphthalene	1.3	J	0.25	1	4.1	ug/Kg
90-12-0	1-Methylnaphthalene	1.1	J	0.65	1	4.1	ug/Kg
91-57-6	2-Methylnaphthalene	1.2	J	0.24	1	4.1	ug/Kg
208-96-8	Acenaphthylene	5.9		0.41	1	4.1	ug/Kg
83-32-9	Acenaphthene	0.22	U	0.22	1	4.1	ug/Kg
86-73-7	Fluorene	0.27	U	0.27	1	4.1	ug/Kg
87-86-5	Pentachlorophenol	2.5	U	2.5	2.1	8.3	ug/Kg
85-01-8	Phenanthrene	13		0.22	1	4.1	ug/Kg
120-12-7	Anthracene	3.5	J	0.21	1	4.1	ug/Kg
206-44-0	Fluoranthene	18		0.22	1	4.1	ug/Kg
129-00-0	Pyrene	22		0.3	1	4.1	ug/Kg
56-55-3	Benzo(a)anthracene	13		0.12	1	4.1	ug/Kg
218-01-9	Chrysene	13		0.31	1	4.1	ug/Kg
205-99-2	Benzo(b)fluoranthene	21		0.58	1	4.1	ug/Kg
207-08-9	Benzo(k)fluoranthene	6.6		0.4	1	4.1	ug/Kg
50-32-8	Benzo(a)pyrene	14		0.4	1	4.1	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	9.2		0.65	1	4.1	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	2.7	J	0.58	1	4.1	ug/Kg
191-24-2	Benzo(g,h,i)perylene	11		0.93	1	4.1	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	2.814		15-120		35	SPK: -8
93951-69-0	Fluoranthene-d10	0.193		30-130		48	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	1120		7.551			
1146-65-2	Naphthalene-d8	3212		10.314			
15067-26-2	Acenaphthene-d10	1778		14.201			

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:	C0S96	SDG No.:	BM042424
Lab Sample ID:	P2164-04	Matrix:	Solid
Analytical Method:	SFAM_SVOASIM	% Moisture:	19.8
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
BM045532.D	1	4/22/2024 12:00:00 AM	4/24/2024 12:00:00 AM	PB160441

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	3787	16.963				
1719-03-5	Chrysene-d12	3408	21.188				
1520-96-3	Perylene-d12	3786	23.379				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	1.1	U			99	ug/Kg

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:	C0S98	SDG No.:	BM042424
Lab Sample ID:	P2164-05	Matrix:	Solid
Analytical Method:	SFAM_SVOASIM	% Moisture:	7
Sample Wt/Vol:	30.1	Units:	g
Soil Aliquot Vol:		Final Vol:	500
		Test:	
Extraction Type :		Decanted :	Level :
Injection Volume :		GPC Factor :	Level :
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM045533.D	1	4/22/2024 12:00:00 AM	4/24/2024 12:00:00 AM	PB160441

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	0.95	U	0.95	0	7.2	ug/Kg
91-20-3	Naphthalene	0.21	U	0.21	0.88	3.5	ug/Kg
90-12-0	1-Methylnaphthalene	0.56	U	0.56	0.88	3.5	ug/Kg
91-57-6	2-Methylnaphthalene	0.2	U	0.2	0.88	3.5	ug/Kg
208-96-8	Acenaphthylene	2.1	J	0.35	0.88	3.5	ug/Kg
83-32-9	Acenaphthene	0.19	U	0.19	0.88	3.5	ug/Kg
86-73-7	Fluorene	0.24	U	0.24	0.88	3.5	ug/Kg
87-86-5	Pentachlorophenol	2.1	U	2.1	1.8	7.2	ug/Kg
85-01-8	Phenanthrene	4.5		0.19	0.88	3.5	ug/Kg
120-12-7	Anthracene	1.1	J	0.18	0.88	3.5	ug/Kg
206-44-0	Fluoranthene	5.5		0.19	0.88	3.5	ug/Kg
129-00-0	Pyrene	6.7		0.26	0.88	3.5	ug/Kg
56-55-3	Benzo(a)anthracene	4.1		0.1	0.88	3.5	ug/Kg
218-01-9	Chrysene	3.5		0.27	0.88	3.5	ug/Kg
205-99-2	Benzo(b)fluoranthene	6.8		0.5	0.88	3.5	ug/Kg
207-08-9	Benzo(k)fluoranthene	2	J	0.34	0.88	3.5	ug/Kg
50-32-8	Benzo(a)pyrene	4.3		0.34	0.88	3.5	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	2.7	J	0.56	0.88	3.5	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	0.89	J	0.5	0.88	3.5	ug/Kg
191-24-2	Benzo(g,h,i)perylene	3.5		0.8	0.88	3.5	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	2.874		15-120		36	SPK: -8
93951-69-0	Fluoranthene-d10	0.177		30-130		44	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.207		20-140		52	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	1018		7.551			
1146-65-2	Naphthalene-d8	3025		10.314			
15067-26-2	Acenaphthene-d10	1680		14.201			

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:	C0S98	SDG No.:	BM042424
Lab Sample ID:	P2164-05	Matrix:	Solid
Analytical Method:	SFAM_SVOASIM	% Moisture:	7
Sample Wt/Vol:	30.1 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM045533.D	1	4/22/2024 12:00:00 AM	4/24/2024 12:00:00 AM	PB160441

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	3775	16.964				
1719-03-5	Chrysene-d12	3738	21.189				
1520-96-3	Perylene-d12	4225	23.378				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	0.95	U			99	ug/Kg

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:	SBLK461	SDG No.:	BM042424
Lab Sample ID:	PB160461BL	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
BM045535.D	1	4/23/2024 12:00:00 AM	4/24/2024 12:00:00 AM	PB160461

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	5.117		15-120		64	SPK: -8
93951-69-0	Fluoranthene-d10	0.277		30-130		69	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.309		20-140		77	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	878		7.551			
1146-65-2	Naphthalene-d8	2566		10.314			
15067-26-2	Acenaphthene-d10	1421		14.201			

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:	SBLK461	SDG No.:	BM042424
Lab Sample ID:	PB160461BL	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
BM045535.D	1	4/23/2024 12:00:00 AM	4/24/2024 12:00:00 AM	PB160461

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	2993	16.964				
1719-03-5	Chrysene-d12	2349	21.207				
1520-96-3	Perylene-d12	2589	23.381				
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:	C0S90	SDG No.:	BM042424
Lab Sample ID:	P2164-08	Matrix:	Solid
Analytical Method:	SFAM_SVOASIM	% Moisture:	18.3
Sample Wt/Vol:	30	Units:	g
Soil Aliquot Vol:		Final Vol:	500
		Test:	
Extraction Type :		Decanted :	Level :
Injection Volume :		GPC Factor :	Level :
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM045536.D	1	4/22/2024 12:00:00 AM	4/24/2024 12:00:00 AM	PB160441

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	J	0.24	1	4	ug/Kg
90-12-0	1-Methylnaphthalene	1	J	0.64	1	4	ug/Kg
91-57-6	2-Methylnaphthalene	1.2	J	0.23	1	4	ug/Kg
208-96-8	Acenaphthylene	2.2	J	0.4	1	4	ug/Kg
83-32-9	Acenaphthene	0.22	U	0.22	1	4	ug/Kg
86-73-7	Fluorene	0.98	J	0.27	1	4	ug/Kg
87-86-5	Pentachlorophenol	2.4	U	2.4	2.1	8.2	ug/Kg
85-01-8	Phenanthrene	15		0.22	1	4	ug/Kg
120-12-7	Anthracene	3	J	0.21	1	4	ug/Kg
206-44-0	Fluoranthene	23		0.22	1	4	ug/Kg
129-00-0	Pyrene	23		0.29	1	4	ug/Kg
56-55-3	Benzo(a)anthracene	13		0.11	1	4	ug/Kg
218-01-9	Chrysene	10		0.31	1	4	ug/Kg
205-99-2	Benzo(b)fluoranthene	19		0.58	1	4	ug/Kg
207-08-9	Benzo(k)fluoranthene	4.8		0.39	1	4	ug/Kg
50-32-8	Benzo(a)pyrene	12		0.39	1	4	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	7		0.64	1	4	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	2	J	0.58	1	4	ug/Kg
191-24-2	Benzo(g,h,i)perylene	7.9		0.92	1	4	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	3.788		15-120		47	SPK: -8
93951-69-0	Fluoranthene-d10	0.24		30-130		60	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.279		20-140		70	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	924		7.551			
1146-65-2	Naphthalene-d8	2714		10.314			
15067-26-2	Acenaphthene-d10	1555		14.2			

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:	C0S90	SDG No.:	BM042424
Lab Sample ID:	P2164-08	Matrix:	Solid
Analytical Method:	SFAM_SVOASIM	% Moisture:	18.3
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
BM045536.D	1	4/22/2024 12:00:00 AM	4/24/2024 12:00:00 AM	PB160441

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	3337	16.963				
1719-03-5	Chrysene-d12	2921	21.19				
1520-96-3	Perylene-d12	3321	23.379				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	1.1	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:	C0S95	SDG No.:	BM042424
Lab Sample ID:	P2164-09	Matrix:	Solid
Analytical Method:	SFAM_SVOASIM	% Moisture:	10.3
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
BM045537.D	1	4/22/2024 12:00:00 AM	4/24/2024 12:00:00 AM	PB160441

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	0.99	U	0.99	0	7.4	ug/Kg
91-20-3	Naphthalene	0.22	U	0.22	0.92	3.7	ug/Kg
90-12-0	1-Methylnaphthalene	0.58	U	0.58	0.92	3.7	ug/Kg
91-57-6	2-Methylnaphthalene	0.21	U	0.21	0.92	3.7	ug/Kg
208-96-8	Acenaphthylene	0.37	U	0.37	0.92	3.7	ug/Kg
83-32-9	Acenaphthene	0.2	U	0.2	0.92	3.7	ug/Kg
86-73-7	Fluorene	0.24	U	0.24	0.92	3.7	ug/Kg
87-86-5	Pentachlorophenol	2.2	U	2.2	1.9	7.4	ug/Kg
85-01-8	Phenanthrene	11		0.2	0.92	3.7	ug/Kg
120-12-7	Anthracene	1.5	J	0.19	0.92	3.7	ug/Kg
206-44-0	Fluoranthene	16		0.2	0.92	3.7	ug/Kg
129-00-0	Pyrene	13		0.27	0.92	3.7	ug/Kg
56-55-3	Benzo(a)anthracene	7.9		0.1	0.92	3.7	ug/Kg
218-01-9	Chrysene	5.8		0.28	0.92	3.7	ug/Kg
205-99-2	Benzo(b)fluoranthene	11		0.52	0.92	3.7	ug/Kg
207-08-9	Benzo(k)fluoranthene	3.5	J	0.36	0.92	3.7	ug/Kg
50-32-8	Benzo(a)pyrene	7.2		0.36	0.92	3.7	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	4		0.58	0.92	3.7	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	1.1	J	0.52	0.92	3.7	ug/Kg
191-24-2	Benzo(g,h,i)perylene	4.8		0.83	0.92	3.7	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	3.32		15-120		41	SPK: -8
93951-69-0	Fluoranthene-d10	0.202		30-130		50	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.221		20-140		55	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	829		7.551			
1146-65-2	Naphthalene-d8	2473		10.314			
15067-26-2	Acenaphthene-d10	1369		14.201			

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:	C0S95	SDG No.:	BM042424
Lab Sample ID:	P2164-09	Matrix:	Solid
Analytical Method:	SFAM_SVOASIM	% Moisture:	10.3
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
BM045537.D	1	4/22/2024 12:00:00 AM	4/24/2024 12:00:00 AM	PB160441

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	3131	16.964				
1719-03-5	Chrysene-d12	2733	21.192				
1520-96-3	Perylene-d12	3044	23.378				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	0.99	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:	C0SB1	SDG No.:	BM042424
Lab Sample ID:	P2164-10	Matrix:	Solid
Analytical Method:	SFAM_SVOASIM	% Moisture:	17.6
Sample Wt/Vol:	30.1 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM045538.D	1	4/22/2024 12:00:00 AM	4/24/2024 12:00:00 AM	PB160441

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	1.1	U	1.1	0	8.1	ug/Kg
91-20-3	Naphthalene	0.97	J	0.24	1	4	ug/Kg
90-12-0	1-Methylnaphthalene	1	J	0.63	1	4	ug/Kg
91-57-6	2-Methylnaphthalene	1.6	J	0.23	1	4	ug/Kg
208-96-8	Acenaphthylene	0.4	U	0.4	1	4	ug/Kg
83-32-9	Acenaphthene	0.22	U	0.22	1	4	ug/Kg
86-73-7	Fluorene	0.27	U	0.27	1	4	ug/Kg
87-86-5	Pentachlorophenol	2.4	U	2.4	2	8.1	ug/Kg
85-01-8	Phenanthrene	6.3		0.22	1	4	ug/Kg
120-12-7	Anthracene	0.21	U	0.21	1	4	ug/Kg
206-44-0	Fluoranthene	12		0.22	1	4	ug/Kg
129-00-0	Pyrene	11		0.29	1	4	ug/Kg
56-55-3	Benzo(a)anthracene	6.6		0.11	1	4	ug/Kg
218-01-9	Chrysene	5.8		0.3	1	4	ug/Kg
205-99-2	Benzo(b)fluoranthene	9.1		0.57	1	4	ug/Kg
207-08-9	Benzo(k)fluoranthene	2.7	J	0.39	1	4	ug/Kg
50-32-8	Benzo(a)pyrene	5.5		0.39	1	4	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	3.3	J	0.63	1	4	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	0.97	J	0.57	1	4	ug/Kg
191-24-2	Benzo(g,h,i)perylene	3.4	J	0.91	1	4	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	3.784		15-120		47	SPK: -8
93951-69-0	Fluoranthene-d10	0.245		30-130		61	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.263		20-140		66	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	1005		7.551			
1146-65-2	Naphthalene-d8	2949		10.314			
15067-26-2	Acenaphthene-d10	1631		14.2			

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:	C0SB1	SDG No.:	BM042424
Lab Sample ID:	P2164-10	Matrix:	Solid
Analytical Method:	SFAM_SVOASIM	% Moisture:	17.6
Sample Wt/Vol:	30.1 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM045538.D	1	4/22/2024 12:00:00 AM	4/24/2024 12:00:00 AM	PB160441

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	3534	16.963				
1719-03-5	Chrysene-d12	2907	21.19				
1520-96-3	Perylene-d12	4320	23.376				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	1.1	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:	C0SB2	SDG No.:	BM042424
Lab Sample ID:	P2164-11	Matrix:	Solid
Analytical Method:	SFAM_SVOASIM	% Moisture:	10.3
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
BM045539.D	1	4/22/2024 12:00:00 AM	4/24/2024 12:00:00 AM	PB160441

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	0.22	U	0.22	0.92	3.7	ug/Kg
90-12-0	1-Methylnaphthalene	0.58	U	0.58	0.92	3.7	ug/Kg
91-57-6	2-Methylnaphthalene	0.21	U	0.21	0.92	3.7	ug/Kg
208-96-8	Acenaphthylene	0.37	U	0.37	0.92	3.7	ug/Kg
83-32-9	Acenaphthene	0.2	U	0.2	0.92	3.7	ug/Kg
86-73-7	Fluorene	0.25	U	0.25	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	0.97	J	0.2	0.92	3.7	ug/Kg
120-12-7	Anthracene	0.19	U	0.19	0.92	3.7	ug/Kg
206-44-0	Fluoranthene	0.89	J	0.2	0.92	3.7	ug/Kg
129-00-0	Pyrene	0.27	U	0.27	0.92	3.7	ug/Kg
56-55-3	Benzo(a)anthracene	0.1	U	0.1	0.92	3.7	ug/Kg
218-01-9	Chrysene	0.28	U	0.28	0.92	3.7	ug/Kg
205-99-2	Benzo(b)fluoranthene	0.52	U	0.52	0.92	3.7	ug/Kg
207-08-9	Benzo(k)fluoranthene	0.36	U	0.36	0.92	3.7	ug/Kg
50-32-8	Benzo(a)pyrene	0.36	U	0.36	0.92	3.7	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	0.58	U	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	0.84	U	0.84	0.92	3.7	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	3.611		15-120		45	SPK: -8
93951-69-0	Fluoranthene-d10	0.207		30-130		52	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.239		20-140		60	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	895		7.547			
1146-65-2	Naphthalene-d8	2609		10.314			
15067-26-2	Acenaphthene-d10	1470		14.2			

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:	C0SB2	SDG No.:	BM042424
Lab Sample ID:	P2164-11	Matrix:	Solid
Analytical Method:	SFAM_SVOASIM	% Moisture:	10.3
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
BM045539.D	1	4/22/2024 12:00:00 AM	4/24/2024 12:00:00 AM	PB160441

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	3197	16.963				
1719-03-5	Chrysene-d12	2707	21.199				
1520-96-3	Perylene-d12	2831	23.382				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	0.99	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:	C0SA3	SDG No.:	BM042424
Lab Sample ID:	P2164-13	Matrix:	Solid
Analytical Method:	SFAM_SVOASIM	% Moisture:	24.8
Sample Wt/Vol:	30	Units:	g
Soil Aliquot Vol:		Final Vol:	500
		Test:	uL
Extraction Type :		Decanted :	Level :
			LOW
Injection Volume :		GPC Factor :	GPC Cleanup :
			PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM045540.D	1	4/22/2024 12:00:00 AM	4/24/2024 12:00:00 AM	PB160441

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	1.2	U	1.2	0	8.9	ug/Kg
91-20-3	Naphthalene	0.27	U	0.27	1.1	4.4	ug/Kg
90-12-0	1-Methylnaphthalene	0.69	U	0.69	1.1	4.4	ug/Kg
91-57-6	2-Methylnaphthalene	0.25	U	0.25	1.1	4.4	ug/Kg
208-96-8	Acenaphthylene	0.44	U	0.44	1.1	4.4	ug/Kg
83-32-9	Acenaphthene	0.24	U	0.24	1.1	4.4	ug/Kg
86-73-7	Fluorene	0.29	U	0.29	1.1	4.4	ug/Kg
87-86-5	Pentachlorophenol	2.7	U	2.7	2.2	8.9	ug/Kg
85-01-8	Phenanthrene	3.4	J	0.24	1.1	4.4	ug/Kg
120-12-7	Anthracene	0.23	U	0.23	1.1	4.4	ug/Kg
206-44-0	Fluoranthene	8.2		0.24	1.1	4.4	ug/Kg
129-00-0	Pyrene	7.6		0.32	1.1	4.4	ug/Kg
56-55-3	Benzo(a)anthracene	6.3		0.12	1.1	4.4	ug/Kg
218-01-9	Chrysene	4.2	J	0.33	1.1	4.4	ug/Kg
205-99-2	Benzo(b)fluoranthene	11		0.63	1.1	4.4	ug/Kg
207-08-9	Benzo(k)fluoranthene	3.4	J	0.43	1.1	4.4	ug/Kg
50-32-8	Benzo(a)pyrene	5.5		0.43	1.1	4.4	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	3.9	J	0.69	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	4.5		1	1.1	4.4	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	4.683		15-120		59	SPK: -8
93951-69-0	Fluoranthene-d10	0.292		30-130		73	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.342		20-140		86	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	841		7.547			
1146-65-2	Naphthalene-d8	2447		10.314			
15067-26-2	Acenaphthene-d10	1403		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:	C0SA3	SDG No.:	BM042424
Lab Sample ID:	P2164-13	Matrix:	Solid
Analytical Method:	SFAM_SVOASIM	% Moisture:	24.8
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
BM045540.D	1	4/22/2024 12:00:00 AM	4/24/2024 12:00:00 AM	PB160441

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	2918	16.964				
1719-03-5	Chrysene-d12	2467	21.192				
1520-96-3	Perylene-d12	2695	23.378				
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:	C0SA4	SDG No.:	BM042424
Lab Sample ID:	P2164-14	Matrix:	Solid
Analytical Method:	SFAM_SVOASIM	% Moisture:	7.6
Sample Wt/Vol:	30.1	Units:	g
Soil Aliquot Vol:		Final Vol:	500
			uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM045541.D	1	4/22/2024 12:00:00 AM	4/24/2024 12:00:00 AM	PB160441

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	0.2	U	0.2	0.89	3.6	ug/Kg
208-96-8	Acenaphthylene	0.36	U	0.36	0.89	3.6	ug/Kg
83-32-9	Acenaphthene	0.19	U	0.19	0.89	3.6	ug/Kg
86-73-7	Fluorene	0.24	U	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	0.19	U	0.19	0.89	3.6	ug/Kg
120-12-7	Anthracene	0.18	U	0.18	0.89	3.6	ug/Kg
206-44-0	Fluoranthene	0.19	U	0.19	0.89	3.6	ug/Kg
129-00-0	Pyrene	0.26	U	0.26	0.89	3.6	ug/Kg
56-55-3	Benzo(a)anthracene	0.1	U	0.1	0.89	3.6	ug/Kg
218-01-9	Chrysene	0.27	U	0.27	0.89	3.6	ug/Kg
205-99-2	Benzo(b)fluoranthene	0.51	U	0.51	0.89	3.6	ug/Kg
207-08-9	Benzo(k)fluoranthene	0.35	U	0.35	0.89	3.6	ug/Kg
50-32-8	Benzo(a)pyrene	0.35	U	0.35	0.89	3.6	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	0.56	U	0.56	0.89	3.6	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	0.51	U	0.51	0.89	3.6	ug/Kg
191-24-2	Benzo(g,h,i)perylene	0.81	U	0.81	0.89	3.6	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	3.734		15-120		47	SPK: -8
93951-69-0	Fluoranthene-d10	0.218		30-130		54	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.265		20-140		66	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	906		7.551			
1146-65-2	Naphthalene-d8	2534		10.314			
15067-26-2	Acenaphthene-d10	1438		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:	C0SA4	SDG No.:	BM042424
Lab Sample ID:	P2164-14	Matrix:	Solid
Analytical Method:	SFAM_SVOASIM	% Moisture:	7.6
Sample Wt/Vol:	30.1 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM045541.D	1	4/22/2024 12:00:00 AM	4/24/2024 12:00:00 AM	PB160441

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	3010	16.963				
1719-03-5	Chrysene-d12	2695	21.196				
1520-96-3	Perylene-d12	2911	23.376				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	0.96	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:	C0AA0	SDG No.:	BM042424
Lab Sample ID:	P2104-01	Matrix:	Solid
Analytical Method:	SFAM_SVOASIM	% Moisture:	18.6
Sample Wt/Vol:	30	Units:	g
Soil Aliquot Vol:		Final Vol:	500
		Test:	uL
Extraction Type :		Decanted :	Level :
			LOW
Injection Volume :		GPC Factor :	GPC Cleanup :
			PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM045542.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	1.1	U	1.1	0	8.2	ug/Kg
91-20-3	Naphthalene	1.5	J	0.25	1	4.1	ug/Kg
90-12-0	1-Methylnaphthalene	1.4	J	0.64	1	4.1	ug/Kg
91-57-6	2-Methylnaphthalene	1.9	J	0.23	1	4.1	ug/Kg
208-96-8	Acenaphthylene	0.41	U	0.41	1	4.1	ug/Kg
83-32-9	Acenaphthene	0.22	U	0.22	1	4.1	ug/Kg
86-73-7	Fluorene	0.27	U	0.27	1	4.1	ug/Kg
87-86-5	Pentachlorophenol	2.5	U	2.5	2.1	8.2	ug/Kg
85-01-8	Phenanthrene	11		0.22	1	4.1	ug/Kg
120-12-7	Anthracene	1.9	J	0.21	1	4.1	ug/Kg
206-44-0	Fluoranthene	25		0.22	1	4.1	ug/Kg
129-00-0	Pyrene	22		0.29	1	4.1	ug/Kg
56-55-3	Benzo(a)anthracene	16		0.11	1	4.1	ug/Kg
218-01-9	Chrysene	12		0.31	1	4.1	ug/Kg
205-99-2	Benzo(b)fluoranthene	28		0.58	1	4.1	ug/Kg
207-08-9	Benzo(k)fluoranthene	7.5		0.39	1	4.1	ug/Kg
50-32-8	Benzo(a)pyrene	16		0.39	1	4.1	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	12		0.64	1	4.1	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	2.9	J	0.58	1	4.1	ug/Kg
191-24-2	Benzo(g,h,i)perylene	12		0.92	1	4.1	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	4.004		15-120		50	SPK: -8
93951-69-0	Fluoranthene-d10	0.231		30-130		58	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.246		20-140		62	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	923		7.547			
1146-65-2	Naphthalene-d8	2605		10.314			
15067-26-2	Acenaphthene-d10	1398		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:	C0AA0	SDG No.:	BM042424
Lab Sample ID:	P2104-01	Matrix:	Solid
Analytical Method:	SFAM_SVOASIM	% Moisture:	18.6
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
BM045542.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	3101	16.963				
1719-03-5	Chrysene-d12	2758	21.187				
1520-96-3	Perylene-d12	3115	23.373				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	1.1	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:	C0AA3	SDG No.:	BM042424
Lab Sample ID:	P2104-02	Matrix:	Solid
Analytical Method:	SFAM_SVOASIM	% Moisture:	9
Sample Wt/Vol:	30.1 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM045543.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	0.97	U	0.97	0	7.3	ug/Kg
91-20-3	Naphthalene	4.6		0.22	0.9	3.6	ug/Kg
90-12-0	1-Methylnaphthalene	3.1	J	0.57	0.9	3.6	ug/Kg
91-57-6	2-Methylnaphthalene	4.5		0.21	0.9	3.6	ug/Kg
208-96-8	Acenaphthylene	7.4		0.36	0.9	3.6	ug/Kg
83-32-9	Acenaphthene	11		0.2	0.9	3.6	ug/Kg
86-73-7	Fluorene	14		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	200	E	0.2	0.9	3.6	ug/Kg
120-12-7	Anthracene	26		0.19	0.9	3.6	ug/Kg
206-44-0	Fluoranthene	390	E	0.2	0.9	3.6	ug/Kg
129-00-0	Pyrene	330	E	0.26	0.9	3.6	ug/Kg
56-55-3	Benzo(a)anthracene	210	E	0.1	0.9	3.6	ug/Kg
218-01-9	Chrysene	180	E	0.27	0.9	3.6	ug/Kg
205-99-2	Benzo(b)fluoranthene	380	E	0.51	0.9	3.6	ug/Kg
207-08-9	Benzo(k)fluoranthene	110	E	0.35	0.9	3.6	ug/Kg
50-32-8	Benzo(a)pyrene	230	E	0.35	0.9	3.6	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	180	E	0.57	0.9	3.6	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	43		0.51	0.9	3.6	ug/Kg
191-24-2	Benzo(g,h,i)perylene	210	E	0.82	0.9	3.6	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	2.971		15-120		37	SPK: -8
93951-69-0	Fluoranthene-d10	0.192		30-130		48	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.227		20-140		57	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	1002		7.547			
1146-65-2	Naphthalene-d8	2763		10.314			
15067-26-2	Acenaphthene-d10	1477		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:	C0AA3	SDG No.:	BM042424
Lab Sample ID:	P2104-02	Matrix:	Solid
Analytical Method:	SFAM_SVOASIM	% Moisture:	9
Sample Wt/Vol:	30.1 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM045543.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	3199	16.959				
1719-03-5	Chrysene-d12	2996	21.175				
1520-96-3	Perylene-d12	3747	23.364				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	0.97	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:	C0AA5	SDG No.:	BM042424
Lab Sample ID:	P2104-03	Matrix:	Solid
Analytical Method:	SFAM_SVOASIM	% Moisture:	8.9
Sample Wt/Vol:	30	Units:	g
Soil Aliquot Vol:		Final Vol:	500
			uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM045544.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	0.98	U	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	66	E	0.57	0.91	3.6	ug/Kg
91-57-6	2-Methylnaphthalene	84	E	0.21	0.91	3.6	ug/Kg
208-96-8	Acenaphthylene	110	E	0.36	0.91	3.6	ug/Kg
83-32-9	Acenaphthene	330	E	0.2	0.91	3.6	ug/Kg
86-73-7	Fluorene	490	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	11000	E	0.2	0.91	3.6	ug/Kg
120-12-7	Anthracene	770	E	0.19	0.91	3.6	ug/Kg
206-44-0	Fluoranthene	11000	E	0.2	0.91	3.6	ug/Kg
129-00-0	Pyrene	7400	E	0.26	0.91	3.6	ug/Kg
56-55-3	Benzo(a)anthracene	4500	E	0.1	0.91	3.6	ug/Kg
218-01-9	Chrysene	3400	E	0.27	0.91	3.6	ug/Kg
205-99-2	Benzo(b)fluoranthene	4400	E	0.52	0.91	3.6	ug/Kg
207-08-9	Benzo(k)fluoranthene	1200	E	0.35	0.91	3.6	ug/Kg
50-32-8	Benzo(a)pyrene	2700	E	0.35	0.91	3.6	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	1400	E	0.57	0.91	3.6	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	470	E	0.52	0.91	3.6	ug/Kg
191-24-2	Benzo(g,h,i)perylene	1200	E	0.82	0.91	3.6	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	2.077		15-120		26	SPK: -8
93951-69-0	Fluoranthene-d10	0.073	*	30-130		18	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.14		20-140		35	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	1022		7.547			
1146-65-2	Naphthalene-d8	2727		10.314			
15067-26-2	Acenaphthene-d10	1565		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:	C0AA5	SDG No.:	BM042424
Lab Sample ID:	P2104-03	Matrix:	Solid
Analytical Method:	SFAM_SVOASIM	% Moisture:	8.9
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
BM045544.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	3064	16.959				
1719-03-5	Chrysene-d12	4090	21.181				
1520-96-3	Perylene-d12	7811	23.372				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	0.98	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:	C0AA8	SDG No.:	BM042424
Lab Sample ID:	P2104-08	Matrix:	Solid
Analytical Method:	SFAM_SVOASIM	% Moisture:	12.9
Sample Wt/Vol:	30.1	Units:	g
Soil Aliquot Vol:		Final Vol:	500
		Test:	
Extraction Type :		Decanted :	Level :
			LOW
Injection Volume :		GPC Factor :	GPC Cleanup :
			PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM045545.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	1	U	1	0	7.7	ug/Kg
91-20-3	Naphthalene	39		0.23	0.94	3.8	ug/Kg
90-12-0	1-Methylnaphthalene	23		0.6	0.94	3.8	ug/Kg
91-57-6	2-Methylnaphthalene	48		0.22	0.94	3.8	ug/Kg
208-96-8	Acenaphthylene	75	E	0.38	0.94	3.8	ug/Kg
83-32-9	Acenaphthene	66	E	0.21	0.94	3.8	ug/Kg
86-73-7	Fluorene	150	E	0.25	0.94	3.8	ug/Kg
87-86-5	Pentachlorophenol	2.3	U	2.3	1.9	7.7	ug/Kg
85-01-8	Phenanthrene	1200	E	0.21	0.94	3.8	ug/Kg
120-12-7	Anthracene	290	E	0.19	0.94	3.8	ug/Kg
206-44-0	Fluoranthene	860	E	0.21	0.94	3.8	ug/Kg
129-00-0	Pyrene	630	E	0.27	0.94	3.8	ug/Kg
56-55-3	Benzo(a)anthracene	460	E	0.11	0.94	3.8	ug/Kg
218-01-9	Chrysene	280	E	0.29	0.94	3.8	ug/Kg
205-99-2	Benzo(b)fluoranthene	610	E	0.54	0.94	3.8	ug/Kg
207-08-9	Benzo(k)fluoranthene	150	E	0.37	0.94	3.8	ug/Kg
50-32-8	Benzo(a)pyrene	350	E	0.37	0.94	3.8	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	200	E	0.6	0.94	3.8	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	68	E	0.54	0.94	3.8	ug/Kg
191-24-2	Benzo(g,h,i)perylene	170	E	0.86	0.94	3.8	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	4.183		15-120		52	SPK: -8
93951-69-0	Fluoranthene-d10	0.225		30-130		56	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	1211		7.551			
1146-65-2	Naphthalene-d8	3135		10.314			
15067-26-2	Acenaphthene-d10	1872		14.201			

Report of Analysis

Client:		Date Collected:	4/10/2024 12:00:00 AM
Project:		Date Received:	4/10/2024 12:00:00 AM
Client Sample ID:	C0AA8	SDG No.:	BM042424
Lab Sample ID:	P2104-08	Matrix:	Solid
Analytical Method:	SFAM_SVOASIM	% Moisture:	12.9
Sample Wt/Vol:	30.1 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM045545.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	3466	16.964				
1719-03-5	Chrysene-d12	3341	21.181				
1520-96-3	Perylene-d12	4011	23.372				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	1	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	4/10/2024 12:00:00 AM
Project:		Date Received:	4/10/2024 12:00:00 AM
Client Sample ID:	C0AA9	SDG No.:	BM042424
Lab Sample ID:	P2104-09	Matrix:	Solid
Analytical Method:	SFAM_SVOASIM	% Moisture:	16.4
Sample Wt/Vol:	30	Units:	g
Soil Aliquot Vol:		Final Vol:	500
		Test:	
Extraction Type :		Decanted :	Level :
Injection Volume :		GPC Factor :	Level :
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM045546.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	1.1	U	1.1	0	8	ug/Kg
91-20-3	Naphthalene	12		0.24	0.99	3.9	ug/Kg
90-12-0	1-Methylnaphthalene	8.3		0.62	0.99	3.9	ug/Kg
91-57-6	2-Methylnaphthalene	13		0.23	0.99	3.9	ug/Kg
208-96-8	Acenaphthylene	56		0.39	0.99	3.9	ug/Kg
83-32-9	Acenaphthene	11		0.22	0.99	3.9	ug/Kg
86-73-7	Fluorene	12		0.26	0.99	3.9	ug/Kg
87-86-5	Pentachlorophenol	2.4	U	2.4	2	8	ug/Kg
85-01-8	Phenanthrene	140	E	0.22	0.99	3.9	ug/Kg
120-12-7	Anthracene	69	E	0.2	0.99	3.9	ug/Kg
206-44-0	Fluoranthene	280	E	0.22	0.99	3.9	ug/Kg
129-00-0	Pyrene	260	E	0.29	0.99	3.9	ug/Kg
56-55-3	Benzo(a)anthracene	410	E	0.11	0.99	3.9	ug/Kg
218-01-9	Chrysene	270	E	0.3	0.99	3.9	ug/Kg
205-99-2	Benzo(b)fluoranthene	600	E	0.56	0.99	3.9	ug/Kg
207-08-9	Benzo(k)fluoranthene	170	E	0.38	0.99	3.9	ug/Kg
50-32-8	Benzo(a)pyrene	340	E	0.38	0.99	3.9	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	190	E	0.62	0.99	3.9	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	65	E	0.56	0.99	3.9	ug/Kg
191-24-2	Benzo(g,h,i)perylene	170	E	0.9	0.99	3.9	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	3.787		15-120		47	SPK: -8
93951-69-0	Fluoranthene-d10	0.216		30-130		54	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.244		20-140		61	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	1090		7.551			
1146-65-2	Naphthalene-d8	2798		10.314			
15067-26-2	Acenaphthene-d10	1409		14.201			

Report of Analysis

Client:		Date Collected:	4/10/2024 12:00:00 AM
Project:		Date Received:	4/10/2024 12:00:00 AM
Client Sample ID:	C0AA9	SDG No.:	BM042424
Lab Sample ID:	P2104-09	Matrix:	Solid
Analytical Method:	SFAM_SVOASIM	% Moisture:	16.4
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
BM045546.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	2871	16.963				
1719-03-5	Chrysene-d12	2642	21.182				
1520-96-3	Perylene-d12	3591	23.371				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	1.1	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	4/10/2024 12:00:00 AM
Project:		Date Received:	4/10/2024 12:00:00 AM
Client Sample ID:	C0AB0	SDG No.:	BM042424
Lab Sample ID:	P2104-10	Matrix:	Solid
Analytical Method:	SFAM_SVOASIM	% Moisture:	14.2
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
BM045547.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	1	U	1	0	7.8	ug/Kg
91-20-3	Naphthalene	9.2		0.23	0.96	3.8	ug/Kg
90-12-0	1-Methylnaphthalene	4.2		0.61	0.96	3.8	ug/Kg
91-57-6	2-Methylnaphthalene	5.5		0.22	0.96	3.8	ug/Kg
208-96-8	Acenaphthylene	6.4		0.38	0.96	3.8	ug/Kg
83-32-9	Acenaphthene	5.6		0.21	0.96	3.8	ug/Kg
86-73-7	Fluorene	8.9		0.26	0.96	3.8	ug/Kg
87-86-5	Pentachlorophenol	2.3	U	2.3	2	7.8	ug/Kg
85-01-8	Phenanthrene	120	E	0.21	0.96	3.8	ug/Kg
120-12-7	Anthracene	26		0.2	0.96	3.8	ug/Kg
206-44-0	Fluoranthene	130	E	0.21	0.96	3.8	ug/Kg
129-00-0	Pyrene	110	E	0.28	0.96	3.8	ug/Kg
56-55-3	Benzo(a)anthracene	83	E	0.11	0.96	3.8	ug/Kg
218-01-9	Chrysene	53		0.29	0.96	3.8	ug/Kg
205-99-2	Benzo(b)fluoranthene	84	E	0.55	0.96	3.8	ug/Kg
207-08-9	Benzo(k)fluoranthene	25		0.37	0.96	3.8	ug/Kg
50-32-8	Benzo(a)pyrene	57		0.37	0.96	3.8	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	35		0.61	0.96	3.8	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	11		0.55	0.96	3.8	ug/Kg
191-24-2	Benzo(g,h,i)perylene	33		0.87	0.96	3.8	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	3.421		15-120		43	SPK: -8
93951-69-0	Fluoranthene-d10	0.185		30-130		46	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.192		20-140		48	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	1006		7.551			
1146-65-2	Naphthalene-d8	2599		10.314			
15067-26-2	Acenaphthene-d10	1277		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:	C0AB0	SDG No.:	BM042424
Lab Sample ID:	P2104-10	Matrix:	Solid
Analytical Method:	SFAM_SVOASIM	% Moisture:	14.2
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
BM045547.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	2555	16.963				
1719-03-5	Chrysene-d12	2432	21.181				
1520-96-3	Perylene-d12	3580	23.37				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	1	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	4/10/2024 12:00:00 AM
Project:		Date Received:	4/10/2024 12:00:00 AM
Client Sample ID:	C0AC6	SDG No.:	BM042424
Lab Sample ID:	P2104-15	Matrix:	Solid
Analytical Method:	SFAM_SVOASIM	% Moisture:	20.4
Sample Wt/Vol:	30	Units:	g
Soil Aliquot Vol:		Final Vol:	500
		Test:	uL
Extraction Type :		Decanted :	Level :
			LOW
Injection Volume :		GPC Factor :	GPC Cleanup :
			PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM045548.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	1.1	U	1.1	0	8.4	ug/Kg
91-20-3	Naphthalene	0.25	U	0.25	1	4.1	ug/Kg
90-12-0	1-Methylnaphthalene	0.65	U	0.65	1	4.1	ug/Kg
91-57-6	2-Methylnaphthalene	0.24	U	0.24	1	4.1	ug/Kg
208-96-8	Acenaphthylene	2.2	J	0.41	1	4.1	ug/Kg
83-32-9	Acenaphthene	0.23	U	0.23	1	4.1	ug/Kg
86-73-7	Fluorene	1.1	J	0.28	1	4.1	ug/Kg
87-86-5	Pentachlorophenol	2.5	U	2.5	2.1	8.4	ug/Kg
85-01-8	Phenanthrene	2.8	J	0.23	1	4.1	ug/Kg
120-12-7	Anthracene	0.21	U	0.21	1	4.1	ug/Kg
206-44-0	Fluoranthene	3.9	J	0.23	1	4.1	ug/Kg
129-00-0	Pyrene	3.6	J	0.3	1	4.1	ug/Kg
56-55-3	Benzo(a)anthracene	4.3		0.12	1	4.1	ug/Kg
218-01-9	Chrysene	3.2	J	0.31	1	4.1	ug/Kg
205-99-2	Benzo(b)fluoranthene	3.6	J	0.59	1	4.1	ug/Kg
207-08-9	Benzo(k)fluoranthene	2.3	J	0.4	1	4.1	ug/Kg
50-32-8	Benzo(a)pyrene	2.4	J	0.4	1	4.1	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	2.6	J	0.65	1	4.1	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	2.1	J	0.59	1	4.1	ug/Kg
191-24-2	Benzo(g,h,i)perylene	2.2	J	0.94	1	4.1	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	3.818		15-120		48	SPK: -8
93951-69-0	Fluoranthene-d10	0.226		30-130		56	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.234		20-140		58	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	1040		7.551			
1146-65-2	Naphthalene-d8	2740		10.314			
15067-26-2	Acenaphthene-d10	1388		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:	C0AC6	SDG No.:	BM042424
Lab Sample ID:	P2104-15	Matrix:	Solid
Analytical Method:	SFAM_SVOASIM	% Moisture:	20.4
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
BM045548.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	2701	16.963				
1719-03-5	Chrysene-d12	2490	21.184				
1520-96-3	Perylene-d12	3121	23.37				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	1.1	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	4/10/2024 12:00:00 AM
Project:		Date Received:	4/10/2024 12:00:00 AM
Client Sample ID:	C0AC8	SDG No.:	BM042424
Lab Sample ID:	P2104-16	Matrix:	Solid
Analytical Method:	SFAM_SVOASIM	% Moisture:	15.2
Sample Wt/Vol:	30.1	Units:	g
Soil Aliquot Vol:		Final Vol:	500
		Test:	
Extraction Type :		Decanted :	Level :
Injection Volume :		GPC Factor :	Level :
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM045549.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	1	U	1	0	7.9	ug/Kg
91-20-3	Naphthalene	16		0.24	0.97	3.9	ug/Kg
90-12-0	1-Methylnaphthalene	7.5		0.61	0.97	3.9	ug/Kg
91-57-6	2-Methylnaphthalene	15		0.22	0.97	3.9	ug/Kg
208-96-8	Acenaphthylene	10		0.39	0.97	3.9	ug/Kg
83-32-9	Acenaphthene	0.21	U	0.21	0.97	3.9	ug/Kg
86-73-7	Fluorene	2.8	J	0.26	0.97	3.9	ug/Kg
87-86-5	Pentachlorophenol	2.4	U	2.4	2	7.9	ug/Kg
85-01-8	Phenanthrene	19		0.21	0.97	3.9	ug/Kg
120-12-7	Anthracene	7.2		0.2	0.97	3.9	ug/Kg
206-44-0	Fluoranthene	27		0.21	0.97	3.9	ug/Kg
129-00-0	Pyrene	28		0.28	0.97	3.9	ug/Kg
56-55-3	Benzo(a)anthracene	22		0.11	0.97	3.9	ug/Kg
218-01-9	Chrysene	23		0.29	0.97	3.9	ug/Kg
205-99-2	Benzo(b)fluoranthene	40		0.55	0.97	3.9	ug/Kg
207-08-9	Benzo(k)fluoranthene	9.3		0.38	0.97	3.9	ug/Kg
50-32-8	Benzo(a)pyrene	20		0.38	0.97	3.9	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	16		0.61	0.97	3.9	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	5.8		0.55	0.97	3.9	ug/Kg
191-24-2	Benzo(g,h,i)perylene	16		0.88	0.97	3.9	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	3.537		15-120		44	SPK: -8
93951-69-0	Fluoranthene-d10	0.246		30-130		62	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.253		20-140		63	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	925		7.551			
1146-65-2	Naphthalene-d8	2454		10.314			
15067-26-2	Acenaphthene-d10	1644		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:	C0AC8	SDG No.:	BM042424
Lab Sample ID:	P2104-16	Matrix:	Solid
Analytical Method:	SFAM_SVOASIM	% Moisture:	15.2
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
BM045549.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	3301	16.967				
1719-03-5	Chrysene-d12	2569	21.184				
1520-96-3	Perylene-d12	3773	23.373				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	1	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:	SLCS441	SDG No.:	BM042424
Lab Sample ID:	PB160441BS	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
BM045550.D	1	4/22/2024 12:00:00 AM	4/25/2024 12:00:00 AM	PB160441

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	77		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	13		0.18	0.83	3.3	ug/Kg
86-73-7	Fluorene	13		0.22	0.83	3.3	ug/Kg
87-86-5	Pentachlorophenol	39		2	1.7	6.7	ug/Kg
85-01-8	Phenanthrene	13		0.18	0.83	3.3	ug/Kg
120-12-7	Anthracene	15		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	16		0.09	0.83	3.3	ug/Kg
218-01-9	Chrysene	12		0.25	0.83	3.3	ug/Kg
205-99-2	Benzo(b)fluoranthene	13		0.47	0.83	3.3	ug/Kg
207-08-9	Benzo(k)fluoranthene	11		0.32	0.83	3.3	ug/Kg
50-32-8	Benzo(a)pyrene	13		0.32	0.83	3.3	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	13		0.52	0.83	3.3	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	13		0.47	0.83	3.3	ug/Kg
191-24-2	Benzo(g,h,i)perylene	12		0.75	0.83	3.3	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	0.741		15-120		93	SPK: -0.8
93951-69-0	Fluoranthene-d10	0.273		30-130		68	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.338		20-140		84	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	724		7.559			
1146-65-2	Naphthalene-d8	2175		10.33			
15067-26-2	Acenaphthene-d10	1064		14.206			

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:	SLCS441	SDG No.:	BM042424
Lab Sample ID:	PB160441BS	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
BM045550.D	1	4/22/2024 12:00:00 AM	4/25/2024 12:00:00 AM	PB160441

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	2028	16.98				
1719-03-5	Chrysene-d12	2074	21.189				
1520-96-3	Perylene-d12	2982	23.381				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	0.89	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	4/22/2024 12:00:00 AM
Project:		Date Received:	4/22/2024 12:00:00 AM
Client Sample ID:	SBLK441	SDG No.:	BM042424
Lab Sample ID:	PB160441BL	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
BM045552.D	1	4/22/2024 12:00:00 AM	4/25/2024 12:00:00 AM	PB160441

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	6.275		15-120		78	SPK: -8
93951-69-0	Fluoranthene-d10	0.291		30-130		73	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.334		20-140		83	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	834		7.547			
1146-65-2	Naphthalene-d8	2187		10.314			
15067-26-2	Acenaphthene-d10	1109		14.2			

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:	SBLK441	SDG No.:	BM042424
Lab Sample ID:	PB160441BL	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
BM045552.D	1	4/22/2024 12:00:00 AM	4/25/2024 12:00:00 AM	PB160441

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	2244	16.963				
1719-03-5	Chrysene-d12	1991	21.196				
1520-96-3	Perylene-d12	2451	23.373				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	0.89	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	4/10/2024 12:00:00 AM
Project:		Date Received:	4/10/2024 12:00:00 AM
Client Sample ID:	C0AC9	SDG No.:	BM042424
Lab Sample ID:	P2104-17	Matrix:	Solid
Analytical Method:	SFAM_SVOASIM	% Moisture:	15.6
Sample Wt/Vol:	30	Units:	g
Soil Aliquot Vol:		Final Vol:	500
		Test:	
Extraction Type :		Decanted :	Level :
Injection Volume :		GPC Factor :	Level :
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM045553.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	1.1	U	1.1	0	7.9	ug/Kg
91-20-3	Naphthalene	6.7		0.24	0.98	3.9	ug/Kg
90-12-0	1-Methylnaphthalene	3.2	J	0.62	0.98	3.9	ug/Kg
91-57-6	2-Methylnaphthalene	5.1		0.23	0.98	3.9	ug/Kg
208-96-8	Acenaphthylene	18		0.39	0.98	3.9	ug/Kg
83-32-9	Acenaphthene	2.3	J	0.21	0.98	3.9	ug/Kg
86-73-7	Fluorene	3.4	J	0.26	0.98	3.9	ug/Kg
87-86-5	Pentachlorophenol	2.4	U	2.4	2	7.9	ug/Kg
85-01-8	Phenanthrene	25		0.21	0.98	3.9	ug/Kg
120-12-7	Anthracene	13		0.2	0.98	3.9	ug/Kg
206-44-0	Fluoranthene	33		0.21	0.98	3.9	ug/Kg
129-00-0	Pyrene	28		0.28	0.98	3.9	ug/Kg
56-55-3	Benzo(a)anthracene	32		0.11	0.98	3.9	ug/Kg
218-01-9	Chrysene	36		0.3	0.98	3.9	ug/Kg
205-99-2	Benzo(b)fluoranthene	94	E	0.56	0.98	3.9	ug/Kg
207-08-9	Benzo(k)fluoranthene	24		0.38	0.98	3.9	ug/Kg
50-32-8	Benzo(a)pyrene	62		0.38	0.98	3.9	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	58		0.62	0.98	3.9	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	19		0.56	0.98	3.9	ug/Kg
191-24-2	Benzo(g,h,i)perylene	66	E	0.89	0.98	3.9	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	3.441		15-120		43	SPK: -8
93951-69-0	Fluoranthene-d10	0.219		30-130		55	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.24		20-140		60	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	929		7.547			
1146-65-2	Naphthalene-d8	2458		10.314			
15067-26-2	Acenaphthene-d10	1272		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:	C0AC9	SDG No.:	BM042424
Lab Sample ID:	P2104-17	Matrix:	Solid
Analytical Method:	SFAM_SVOASIM	% Moisture:	15.6
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
BM045553.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	2588	16.963				
1719-03-5	Chrysene-d12	2287	21.184				
1520-96-3	Perylene-d12	3015	23.367				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	1.1	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	4/10/2024 12:00:00 AM
Project:		Date Received:	4/10/2024 12:00:00 AM
Client Sample ID:	C0AL7	SDG No.:	BM042424
Lab Sample ID:	P2104-20	Matrix:	Solid
Analytical Method:	SFAM_SVOASIM	% Moisture:	12.6
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
BM045554.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	1	U	1	0	7.7	ug/Kg
91-20-3	Naphthalene	10		0.23	0.94	3.8	ug/Kg
90-12-0	1-Methylnaphthalene	5.1		0.59	0.94	3.8	ug/Kg
91-57-6	2-Methylnaphthalene	10		0.22	0.94	3.8	ug/Kg
208-96-8	Acenaphthylene	5.1		0.38	0.94	3.8	ug/Kg
83-32-9	Acenaphthene	0.21	U	0.21	0.94	3.8	ug/Kg
86-73-7	Fluorene	1.6	J	0.25	0.94	3.8	ug/Kg
87-86-5	Pentachlorophenol	2.3	U	2.3	1.9	7.7	ug/Kg
85-01-8	Phenanthrene	12		0.21	0.94	3.8	ug/Kg
120-12-7	Anthracene	4		0.19	0.94	3.8	ug/Kg
206-44-0	Fluoranthene	16		0.21	0.94	3.8	ug/Kg
129-00-0	Pyrene	16		0.27	0.94	3.8	ug/Kg
56-55-3	Benzo(a)anthracene	14		0.11	0.94	3.8	ug/Kg
218-01-9	Chrysene	13		0.29	0.94	3.8	ug/Kg
205-99-2	Benzo(b)fluoranthene	21		0.54	0.94	3.8	ug/Kg
207-08-9	Benzo(k)fluoranthene	5.2		0.37	0.94	3.8	ug/Kg
50-32-8	Benzo(a)pyrene	11		0.37	0.94	3.8	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	8.4		0.59	0.94	3.8	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	3.2	J	0.54	0.94	3.8	ug/Kg
191-24-2	Benzo(g,h,i)perylene	8.5		0.86	0.94	3.8	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	3.5		15-120		44	SPK: -8
93951-69-0	Fluoranthene-d10	0.211		30-130		53	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.225		20-140		56	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	972		7.547			
1146-65-2	Naphthalene-d8	2605		10.314			
15067-26-2	Acenaphthene-d10	1406		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:	C0AL7	SDG No.:	BM042424
Lab Sample ID:	P2104-20	Matrix:	Solid
Analytical Method:	SFAM_SVOASIM	% Moisture:	12.6
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
BM045554.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	2841	16.964				
1719-03-5	Chrysene-d12	2429	21.183				
1520-96-3	Perylene-d12	3685	23.372				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	1	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	4/10/2024 12:00:00 AM
Project:		Date Received:	4/10/2024 12:00:00 AM
Client Sample ID:	C0AL8	SDG No.:	BM042424
Lab Sample ID:	P2104-21	Matrix:	Solid
Analytical Method:	SFAM_SVOASIM	% Moisture:	13
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
BM045555.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	1	U	1	0	7.7	ug/Kg
91-20-3	Naphthalene	24		0.23	0.95	3.8	ug/Kg
90-12-0	1-Methylnaphthalene	13		0.6	0.95	3.8	ug/Kg
91-57-6	2-Methylnaphthalene	27		0.22	0.95	3.8	ug/Kg
208-96-8	Acenaphthylene	87	E	0.38	0.95	3.8	ug/Kg
83-32-9	Acenaphthene	35		0.21	0.95	3.8	ug/Kg
86-73-7	Fluorene	88	E	0.25	0.95	3.8	ug/Kg
87-86-5	Pentachlorophenol	2.3	U	2.3	1.9	7.7	ug/Kg
85-01-8	Phenanthrene	610	E	0.21	0.95	3.8	ug/Kg
120-12-7	Anthracene	190	E	0.19	0.95	3.8	ug/Kg
206-44-0	Fluoranthene	720	E	0.21	0.95	3.8	ug/Kg
129-00-0	Pyrene	620	E	0.27	0.95	3.8	ug/Kg
56-55-3	Benzo(a)anthracene	710	E	0.11	0.95	3.8	ug/Kg
218-01-9	Chrysene	450	E	0.29	0.95	3.8	ug/Kg
205-99-2	Benzo(b)fluoranthene	640	E	0.54	0.95	3.8	ug/Kg
207-08-9	Benzo(k)fluoranthene	170	E	0.37	0.95	3.8	ug/Kg
50-32-8	Benzo(a)pyrene	380	E	0.37	0.95	3.8	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	190	E	0.6	0.95	3.8	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	71	E	0.54	0.95	3.8	ug/Kg
191-24-2	Benzo(g,h,i)perylene	170	E	0.86	0.95	3.8	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	3.529		15-120		44	SPK: -8
93951-69-0	Fluoranthene-d10	0.234		30-130		58	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.235		20-140		59	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	994		7.547			
1146-65-2	Naphthalene-d8	2674		10.314			
15067-26-2	Acenaphthene-d10	1441		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:	C0AL8	SDG No.:	BM042424
Lab Sample ID:	P2104-21	Matrix:	Solid
Analytical Method:	SFAM_SVOASIM	% Moisture:	13
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
BM045555.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	3135	16.959				
1719-03-5	Chrysene-d12	2478	21.179				
1520-96-3	Perylene-d12	3681	23.365				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	1	U			99	ug/Kg

Hit Summary Sheet SW-846

SDG No.: BM042424

Client:

Sample ID	Client ID		Parameter	Concentration	C	MDL	RDL	Units
Client ID : C0AL4								
P2077-10	C0AL4	Water	Total Alkanes	*	0.000	0.03	0.2	ug/L
			Total Tics :			0.00		
			Total Concentration:			0.00		
Client ID : C0AA0								
P2104-01	C0AA0	Solid	Total Alkanes	*	0.000	1.1	8.2	ug/Kg
			Total Tics :			0.00		
P2104-01	C0AA0	Solid	1-Methylnaphthalene		1.400 J	0.64	4.1	ug/Kg
P2104-01	C0AA0	Solid	2-Methylnaphthalene		1.900 J	0.23	4.1	ug/Kg
P2104-01	C0AA0	Solid	Anthracene		1.900 J	0.21	4.1	ug/Kg
P2104-01	C0AA0	Solid	Benzo(a)anthracene		16.000	0.11	4.1	ug/Kg
P2104-01	C0AA0	Solid	Benzo(a)pyrene		16.000	0.39	4.1	ug/Kg
P2104-01	C0AA0	Solid	Benzo(b)fluoranthene		28.000	0.58	4.1	ug/Kg
P2104-01	C0AA0	Solid	Benzo(g,h,i)perylene		12.000	0.92	4.1	ug/Kg
P2104-01	C0AA0	Solid	Benzo(k)fluoranthene		7.500	0.39	4.1	ug/Kg
P2104-01	C0AA0	Solid	Chrysene		12.000	0.31	4.1	ug/Kg
P2104-01	C0AA0	Solid	Dibenzo(a,h)anthracene		2.900 J	0.58	4.1	ug/Kg
P2104-01	C0AA0	Solid	Fluoranthene		25.000	0.22	4.1	ug/Kg
P2104-01	C0AA0	Solid	Indeno(1,2,3-cd)pyrene		12.000	0.64	4.1	ug/Kg
P2104-01	C0AA0	Solid	Naphthalene		1.500 J	0.25	4.1	ug/Kg
P2104-01	C0AA0	Solid	Phenanthrene		11.000	0.22	4.1	ug/Kg
P2104-01	C0AA0	Solid	Pyrene		22.000	0.29	4.1	ug/Kg
			Total Svoc :			171.10		
			Total Concentration:			171.10		
Client ID : C0AA3								
P2104-02	C0AA3	Solid	Total Alkanes	*	0.000	0.97	7.3	ug/Kg
			Total Tics :			0.00		
P2104-02	C0AA3	Solid	1-Methylnaphthalene		3.100 J	0.57	3.6	ug/Kg
P2104-02	C0AA3	Solid	2-Methylnaphthalene		4.500	0.21	3.6	ug/Kg
P2104-02	C0AA3	Solid	Acenaphthene		11.000	0.2	3.6	ug/Kg
P2104-02	C0AA3	Solid	Acenaphthylene		7.400	0.36	3.6	ug/Kg
P2104-02	C0AA3	Solid	Anthracene		26.000	0.19	3.6	ug/Kg
P2104-02	C0AA3	Solid	Benzo(a)anthracene		210.000 E	0.1	3.6	ug/Kg
P2104-02	C0AA3	Solid	Benzo(a)pyrene		230.000 E	0.35	3.6	ug/Kg
P2104-02	C0AA3	Solid	Benzo(b)fluoranthene		380.000 E	0.51	3.6	ug/Kg
P2104-02	C0AA3	Solid	Benzo(g,h,i)perylene		210.000 E	0.82	3.6	ug/Kg
P2104-02	C0AA3	Solid	Benzo(k)fluoranthene		110.000 E	0.35	3.6	ug/Kg
P2104-02	C0AA3	Solid	Chrysene		180.000 E	0.27	3.6	ug/Kg

Hit Summary Sheet SW-846

SDG No.: BM042424

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
P2104-02	C0AA3	Solid	Dibenzo(a,h)anthracene	43.000		0.51	3.6	ug/Kg
P2104-02	C0AA3	Solid	Fluoranthene	390.000	E	0.2	3.6	ug/Kg
P2104-02	C0AA3	Solid	Fluorene	14.000		0.24	3.6	ug/Kg
P2104-02	C0AA3	Solid	Indeno(1,2,3-cd)pyrene	180.000	E	0.57	3.6	ug/Kg
P2104-02	C0AA3	Solid	Naphthalene	4.600		0.22	3.6	ug/Kg
P2104-02	C0AA3	Solid	Phenanthrene	200.000	E	0.2	3.6	ug/Kg
P2104-02	C0AA3	Solid	Pyrene	330.000	E	0.26	3.6	ug/Kg
Total Svoc :				2,533.60				
Total Concentration:				2,533.60				
Client ID : C0AA5								
P2104-03	C0AA5	Solid	Total Alkanes	*	0.000	0.98	7.4	ug/Kg
Total Tics :				0.00				
P2104-03	C0AA5	Solid	1-Methylnaphthalene	66.000	E	0.57	3.6	ug/Kg
P2104-03	C0AA5	Solid	2-Methylnaphthalene	84.000	E	0.21	3.6	ug/Kg
P2104-03	C0AA5	Solid	Acenaphthene	330.000	E	0.2	3.6	ug/Kg
P2104-03	C0AA5	Solid	Acenaphthylene	110.000	E	0.36	3.6	ug/Kg
P2104-03	C0AA5	Solid	Anthracene	770.000	E	0.19	3.6	ug/Kg
P2104-03	C0AA5	Solid	Benzo(a)anthracene	4,500.000	E	0.1	3.6	ug/Kg
P2104-03	C0AA5	Solid	Benzo(a)pyrene	2,700.000	E	0.35	3.6	ug/Kg
P2104-03	C0AA5	Solid	Benzo(b)fluoranthene	4,400.000	E	0.52	3.6	ug/Kg
P2104-03	C0AA5	Solid	Benzo(g,h,i)perylene	1,200.000	E	0.82	3.6	ug/Kg
P2104-03	C0AA5	Solid	Benzo(k)fluoranthene	1,200.000	E	0.35	3.6	ug/Kg
P2104-03	C0AA5	Solid	Chrysene	3,400.000	E	0.27	3.6	ug/Kg
P2104-03	C0AA5	Solid	Dibenzo(a,h)anthracene	470.000	E	0.52	3.6	ug/Kg
P2104-03	C0AA5	Solid	Fluoranthene	11,000.000	E	0.2	3.6	ug/Kg
P2104-03	C0AA5	Solid	Fluorene	490.000	E	0.24	3.6	ug/Kg
P2104-03	C0AA5	Solid	Indeno(1,2,3-cd)pyrene	1,400.000	E	0.57	3.6	ug/Kg
P2104-03	C0AA5	Solid	Naphthalene	110.000	E	0.22	3.6	ug/Kg
P2104-03	C0AA5	Solid	Phenanthrene	11,000.000	E	0.2	3.6	ug/Kg
P2104-03	C0AA5	Solid	Pyrene	7,400.000	E	0.26	3.6	ug/Kg
Total Svoc :				50,630.00				
Total Concentration:				50,630.00				
Client ID : C0AA8								
P2104-08	C0AA8	Solid	Total Alkanes	*	0.000	1	7.7	ug/Kg
Total Tics :				0.00				
P2104-08	C0AA8	Solid	1-Methylnaphthalene	23.000		0.6	3.8	ug/Kg
P2104-08	C0AA8	Solid	2-Methylnaphthalene	48.000		0.22	3.8	ug/Kg
P2104-08	C0AA8	Solid	Acenaphthene	66.000	E	0.21	3.8	ug/Kg
P2104-08	C0AA8	Solid	Acenaphthylene	75.000	E	0.38	3.8	ug/Kg
P2104-08	C0AA8	Solid	Anthracene	290.000	E	0.19	3.8	ug/Kg

Hit Summary Sheet SW-846

SDG No.: BM042424

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
P2104-08	C0AA8	Solid	Benzo(a)anthracene	460.000	E	0.11	3.8	ug/Kg
P2104-08	C0AA8	Solid	Benzo(a)pyrene	350.000	E	0.37	3.8	ug/Kg
P2104-08	C0AA8	Solid	Benzo(b)fluoranthene	610.000	E	0.54	3.8	ug/Kg
P2104-08	C0AA8	Solid	Benzo(g,h,i)perylene	170.000	E	0.86	3.8	ug/Kg
P2104-08	C0AA8	Solid	Benzo(k)fluoranthene	150.000	E	0.37	3.8	ug/Kg
P2104-08	C0AA8	Solid	Chrysene	280.000	E	0.29	3.8	ug/Kg
P2104-08	C0AA8	Solid	Dibenzo(a,h)anthracene	68.000	E	0.54	3.8	ug/Kg
P2104-08	C0AA8	Solid	Fluoranthene	860.000	E	0.21	3.8	ug/Kg
P2104-08	C0AA8	Solid	Fluorene	150.000	E	0.25	3.8	ug/Kg
P2104-08	C0AA8	Solid	Indeno(1,2,3-cd)pyrene	200.000	E	0.6	3.8	ug/Kg
P2104-08	C0AA8	Solid	Naphthalene	39.000		0.23	3.8	ug/Kg
P2104-08	C0AA8	Solid	Phenanthrene	1,200.000	E	0.21	3.8	ug/Kg
P2104-08	C0AA8	Solid	Pyrene	630.000	E	0.27	3.8	ug/Kg

Total Svoc : 5,669.00

Total Concentration: 5,669.00

Client ID : C0AA9

P2104-09	C0AA9	Solid	Total Alkanes	*	0.000	1.1	8	ug/Kg
			Total Tics :		0.00			
P2104-09	C0AA9	Solid	1-Methylnaphthalene		8.300	0.62	3.9	ug/Kg
P2104-09	C0AA9	Solid	2-Methylnaphthalene		13.000	0.23	3.9	ug/Kg
P2104-09	C0AA9	Solid	Acenaphthene		11.000	0.22	3.9	ug/Kg
P2104-09	C0AA9	Solid	Acenaphthylene		56.000	0.39	3.9	ug/Kg
P2104-09	C0AA9	Solid	Anthracene		69.000	E 0.2	3.9	ug/Kg
P2104-09	C0AA9	Solid	Benzo(a)anthracene		410.000	E 0.11	3.9	ug/Kg
P2104-09	C0AA9	Solid	Benzo(a)pyrene		340.000	E 0.38	3.9	ug/Kg
P2104-09	C0AA9	Solid	Benzo(b)fluoranthene		600.000	E 0.56	3.9	ug/Kg
P2104-09	C0AA9	Solid	Benzo(g,h,i)perylene		170.000	E 0.9	3.9	ug/Kg
P2104-09	C0AA9	Solid	Benzo(k)fluoranthene		170.000	E 0.38	3.9	ug/Kg
P2104-09	C0AA9	Solid	Chrysene		270.000	E 0.3	3.9	ug/Kg
P2104-09	C0AA9	Solid	Dibenzo(a,h)anthracene		65.000	E 0.56	3.9	ug/Kg
P2104-09	C0AA9	Solid	Fluoranthene		280.000	E 0.22	3.9	ug/Kg
P2104-09	C0AA9	Solid	Fluorene		12.000	0.26	3.9	ug/Kg
P2104-09	C0AA9	Solid	Indeno(1,2,3-cd)pyrene		190.000	E 0.62	3.9	ug/Kg
P2104-09	C0AA9	Solid	Naphthalene		12.000	0.24	3.9	ug/Kg
P2104-09	C0AA9	Solid	Phenanthrene		140.000	E 0.22	3.9	ug/Kg
P2104-09	C0AA9	Solid	Pyrene		260.000	E 0.29	3.9	ug/Kg

Total Svoc : 3,076.30

Total Concentration: 3,076.30

Client ID : C0AB0

Hit Summary Sheet SW-846

SDG No.: BM042424

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
P2104-10	C0AB0	Solid	Total Alkanes	*	0.000	1	7.8	ug/Kg
Total Tics :				0.00				
P2104-10	C0AB0	Solid	1-Methylnaphthalene		4.200	0.61	3.8	ug/Kg
P2104-10	C0AB0	Solid	2-Methylnaphthalene		5.500	0.22	3.8	ug/Kg
P2104-10	C0AB0	Solid	Acenaphthene		5.600	0.21	3.8	ug/Kg
P2104-10	C0AB0	Solid	Acenaphthylene		6.400	0.38	3.8	ug/Kg
P2104-10	C0AB0	Solid	Anthracene		26.000	0.2	3.8	ug/Kg
P2104-10	C0AB0	Solid	Benzo(a)anthracene		83.000	E 0.11	3.8	ug/Kg
P2104-10	C0AB0	Solid	Benzo(a)pyrene		57.000	0.37	3.8	ug/Kg
P2104-10	C0AB0	Solid	Benzo(b)fluoranthene		84.000	E 0.55	3.8	ug/Kg
P2104-10	C0AB0	Solid	Benzo(g,h,i)perylene		33.000	0.87	3.8	ug/Kg
P2104-10	C0AB0	Solid	Benzo(k)fluoranthene		25.000	0.37	3.8	ug/Kg
P2104-10	C0AB0	Solid	Chrysene		53.000	0.29	3.8	ug/Kg
P2104-10	C0AB0	Solid	Dibenzo(a,h)anthracene		11.000	0.55	3.8	ug/Kg
P2104-10	C0AB0	Solid	Fluoranthene		130.000	E 0.21	3.8	ug/Kg
P2104-10	C0AB0	Solid	Fluorene		8.900	0.26	3.8	ug/Kg
P2104-10	C0AB0	Solid	Indeno(1,2,3-cd)pyrene		35.000	0.61	3.8	ug/Kg
P2104-10	C0AB0	Solid	Naphthalene		9.200	0.23	3.8	ug/Kg
P2104-10	C0AB0	Solid	Phenanthrene		120.000	E 0.21	3.8	ug/Kg
P2104-10	C0AB0	Solid	Pyrene		110.000	E 0.28	3.8	ug/Kg
Total Svoc :				806.80				
Total Concentration:				806.80				
Client ID : C0AC6								
P2104-15	C0AC6	Solid	Total Alkanes	*	0.000	1.1	8.4	ug/Kg
Total Tics :				0.00				
P2104-15	C0AC6	Solid	Acenaphthylene		2.200	J 0.41	4.1	ug/Kg
P2104-15	C0AC6	Solid	Benzo(a)anthracene		4.300	0.12	4.1	ug/Kg
P2104-15	C0AC6	Solid	Benzo(a)pyrene		2.400	J 0.4	4.1	ug/Kg
P2104-15	C0AC6	Solid	Benzo(b)fluoranthene		3.600	J 0.59	4.1	ug/Kg
P2104-15	C0AC6	Solid	Benzo(g,h,i)perylene		2.200	J 0.94	4.1	ug/Kg
P2104-15	C0AC6	Solid	Benzo(k)fluoranthene		2.300	J 0.4	4.1	ug/Kg
P2104-15	C0AC6	Solid	Chrysene		3.200	J 0.31	4.1	ug/Kg
P2104-15	C0AC6	Solid	Dibenzo(a,h)anthracene		2.100	J 0.59	4.1	ug/Kg
P2104-15	C0AC6	Solid	Fluoranthene		3.900	J 0.23	4.1	ug/Kg
P2104-15	C0AC6	Solid	Fluorene		1.100	J 0.28	4.1	ug/Kg
P2104-15	C0AC6	Solid	Indeno(1,2,3-cd)pyrene		2.600	J 0.65	4.1	ug/Kg
P2104-15	C0AC6	Solid	Phenanthrene		2.800	J 0.23	4.1	ug/Kg
P2104-15	C0AC6	Solid	Pyrene		3.600	J 0.3	4.1	ug/Kg
Total Svoc :				36.30				

Hit Summary Sheet SW-846

SDG No.: BM042424

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
Total Concentration:				36.30				
Client ID : C0AC8								
P2104-16	C0AC8	Solid	Total Alkanes	*	0.000	1	7.9	ug/Kg
Total Tics :				0.00				
P2104-16	C0AC8	Solid	1-Methylnaphthalene		7.500	0.61	3.9	ug/Kg
P2104-16	C0AC8	Solid	2-Methylnaphthalene		15.000	0.22	3.9	ug/Kg
P2104-16	C0AC8	Solid	Acenaphthylene		10.000	0.39	3.9	ug/Kg
P2104-16	C0AC8	Solid	Anthracene		7.200	0.2	3.9	ug/Kg
P2104-16	C0AC8	Solid	Benzo(a)anthracene		22.000	0.11	3.9	ug/Kg
P2104-16	C0AC8	Solid	Benzo(a)pyrene		20.000	0.38	3.9	ug/Kg
P2104-16	C0AC8	Solid	Benzo(b)fluoranthene		40.000	0.55	3.9	ug/Kg
P2104-16	C0AC8	Solid	Benzo(g,h,i)perylene		16.000	0.88	3.9	ug/Kg
P2104-16	C0AC8	Solid	Benzo(k)fluoranthene		9.300	0.38	3.9	ug/Kg
P2104-16	C0AC8	Solid	Chrysene		23.000	0.29	3.9	ug/Kg
P2104-16	C0AC8	Solid	Dibenzo(a,h)anthracene		5.800	0.55	3.9	ug/Kg
P2104-16	C0AC8	Solid	Fluoranthene		27.000	0.21	3.9	ug/Kg
P2104-16	C0AC8	Solid	Fluorene		2.800	J 0.26	3.9	ug/Kg
P2104-16	C0AC8	Solid	Indeno(1,2,3-cd)pyrene		16.000	0.61	3.9	ug/Kg
P2104-16	C0AC8	Solid	Naphthalene		16.000	0.24	3.9	ug/Kg
P2104-16	C0AC8	Solid	Phenanthrene		19.000	0.21	3.9	ug/Kg
P2104-16	C0AC8	Solid	Pyrene		28.000	0.28	3.9	ug/Kg
Total Svoc :				284.60				
Total Concentration:				284.60				
Client ID : C0AC9								
P2104-17	C0AC9	Solid	Total Alkanes	*	0.000	1.1	7.9	ug/Kg
Total Tics :				0.00				
P2104-17	C0AC9	Solid	1-Methylnaphthalene		3.200	J 0.62	3.9	ug/Kg
P2104-17	C0AC9	Solid	2-Methylnaphthalene		5.100	0.23	3.9	ug/Kg
P2104-17	C0AC9	Solid	Acenaphthene		2.300	J 0.21	3.9	ug/Kg
P2104-17	C0AC9	Solid	Acenaphthylene		18.000	0.39	3.9	ug/Kg
P2104-17	C0AC9	Solid	Anthracene		13.000	0.2	3.9	ug/Kg
P2104-17	C0AC9	Solid	Benzo(a)anthracene		32.000	0.11	3.9	ug/Kg
P2104-17	C0AC9	Solid	Benzo(a)pyrene		62.000	0.38	3.9	ug/Kg
P2104-17	C0AC9	Solid	Benzo(b)fluoranthene		94.000	E 0.56	3.9	ug/Kg
P2104-17	C0AC9	Solid	Benzo(g,h,i)perylene		66.000	E 0.89	3.9	ug/Kg
P2104-17	C0AC9	Solid	Benzo(k)fluoranthene		24.000	0.38	3.9	ug/Kg
P2104-17	C0AC9	Solid	Chrysene		36.000	0.3	3.9	ug/Kg
P2104-17	C0AC9	Solid	Dibenzo(a,h)anthracene		19.000	0.56	3.9	ug/Kg
P2104-17	C0AC9	Solid	Fluoranthene		33.000	0.21	3.9	ug/Kg

Hit Summary Sheet SW-846

SDG No.: BM042424

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
P2104-17	C0AC9	Solid	Fluorene	3.400	J	0.26	3.9	ug/Kg
P2104-17	C0AC9	Solid	Indeno(1,2,3-cd)pyrene	58.000		0.62	3.9	ug/Kg
P2104-17	C0AC9	Solid	Naphthalene	6.700		0.24	3.9	ug/Kg
P2104-17	C0AC9	Solid	Phenanthrene	25.000		0.21	3.9	ug/Kg
P2104-17	C0AC9	Solid	Pyrene	28.000		0.28	3.9	ug/Kg
Total Svoc :				528.70				
Total Concentration:				528.70				
Client ID : C0AL7								
P2104-20	C0AL7	Solid	Total Alkanes	*	0.000	1	7.7	ug/Kg
Total Tics :				0.00				
P2104-20	C0AL7	Solid	1-Methylnaphthalene		5.100	0.59	3.8	ug/Kg
P2104-20	C0AL7	Solid	2-Methylnaphthalene		10.000	0.22	3.8	ug/Kg
P2104-20	C0AL7	Solid	Acenaphthylene		5.100	0.38	3.8	ug/Kg
P2104-20	C0AL7	Solid	Anthracene		4.000	0.19	3.8	ug/Kg
P2104-20	C0AL7	Solid	Benzo(a)anthracene		14.000	0.11	3.8	ug/Kg
P2104-20	C0AL7	Solid	Benzo(a)pyrene		11.000	0.37	3.8	ug/Kg
P2104-20	C0AL7	Solid	Benzo(b)fluoranthene		21.000	0.54	3.8	ug/Kg
P2104-20	C0AL7	Solid	Benzo(g,h,i)perylene		8.500	0.86	3.8	ug/Kg
P2104-20	C0AL7	Solid	Benzo(k)fluoranthene		5.200	0.37	3.8	ug/Kg
P2104-20	C0AL7	Solid	Chrysene		13.000	0.29	3.8	ug/Kg
P2104-20	C0AL7	Solid	Dibenzo(a,h)anthracene		3.200	J 0.54	3.8	ug/Kg
P2104-20	C0AL7	Solid	Fluoranthene		16.000	0.21	3.8	ug/Kg
P2104-20	C0AL7	Solid	Fluorene		1.600	J 0.25	3.8	ug/Kg
P2104-20	C0AL7	Solid	Indeno(1,2,3-cd)pyrene		8.400	0.59	3.8	ug/Kg
P2104-20	C0AL7	Solid	Naphthalene		10.000	0.23	3.8	ug/Kg
P2104-20	C0AL7	Solid	Phenanthrene		12.000	0.21	3.8	ug/Kg
P2104-20	C0AL7	Solid	Pyrene		16.000	0.27	3.8	ug/Kg
Total Svoc :				164.10				
Total Concentration:				164.10				
Client ID : C0AL8								
P2104-21	C0AL8	Solid	Total Alkanes	*	0.000	1	7.7	ug/Kg
Total Tics :				0.00				
P2104-21	C0AL8	Solid	1-Methylnaphthalene		13.000	0.6	3.8	ug/Kg
P2104-21	C0AL8	Solid	2-Methylnaphthalene		27.000	0.22	3.8	ug/Kg
P2104-21	C0AL8	Solid	Acenaphthene		35.000	0.21	3.8	ug/Kg
P2104-21	C0AL8	Solid	Acenaphthylene		87.000	E 0.38	3.8	ug/Kg
P2104-21	C0AL8	Solid	Anthracene		190.000	E 0.19	3.8	ug/Kg
P2104-21	C0AL8	Solid	Benzo(a)anthracene		710.000	E 0.11	3.8	ug/Kg
P2104-21	C0AL8	Solid	Benzo(a)pyrene		380.000	E 0.37	3.8	ug/Kg
P2104-21	C0AL8	Solid	Benzo(b)fluoranthene		640.000	E 0.54	3.8	ug/Kg

Hit Summary Sheet SW-846

SDG No.: BM042424

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
P2104-21	C0AL8	Solid	Benzo(g,h,i)perylene	170.000	E	0.86	3.8	ug/Kg
P2104-21	C0AL8	Solid	Benzo(k)fluoranthene	170.000	E	0.37	3.8	ug/Kg
P2104-21	C0AL8	Solid	Chrysene	450.000	E	0.29	3.8	ug/Kg
P2104-21	C0AL8	Solid	Dibenzo(a,h)anthracene	71.000	E	0.54	3.8	ug/Kg
P2104-21	C0AL8	Solid	Fluoranthene	720.000	E	0.21	3.8	ug/Kg
P2104-21	C0AL8	Solid	Fluorene	88.000	E	0.25	3.8	ug/Kg
P2104-21	C0AL8	Solid	Indeno(1,2,3-cd)pyrene	190.000	E	0.6	3.8	ug/Kg
P2104-21	C0AL8	Solid	Naphthalene	24.000		0.23	3.8	ug/Kg
P2104-21	C0AL8	Solid	Phenanthrene	610.000	E	0.21	3.8	ug/Kg
P2104-21	C0AL8	Solid	Pyrene	620.000	E	0.27	3.8	ug/Kg

Total Svoc : **5,195.00**

Total Concentration: **5,195.00**

Client ID : C0S99

P2164-01	C0S99	Solid	Total Alkanes	*	0.000	1.1	8.2	ug/Kg
Total Tics :					0.00			
P2164-01	C0S99	Solid	1-Methylnaphthalene		1.200	J	0.64	ug/Kg
P2164-01	C0S99	Solid	2-Methylnaphthalene		1.200	J	0.23	ug/Kg
P2164-01	C0S99	Solid	Acenaphthene		1.500	J	0.22	ug/Kg
P2164-01	C0S99	Solid	Acenaphthylene		6.300		0.4	ug/Kg
P2164-01	C0S99	Solid	Anthracene		6.700		0.21	ug/Kg
P2164-01	C0S99	Solid	Benzo(a)anthracene		36.000		0.11	ug/Kg
P2164-01	C0S99	Solid	Benzo(a)pyrene		40.000		0.39	ug/Kg
P2164-01	C0S99	Solid	Benzo(b)fluoranthene		63.000		0.58	ug/Kg
P2164-01	C0S99	Solid	Benzo(g,h,i)perylene		27.000		0.92	ug/Kg
P2164-01	C0S99	Solid	Benzo(k)fluoranthene		18.000		0.39	ug/Kg
P2164-01	C0S99	Solid	Chrysene		34.000		0.31	ug/Kg
P2164-01	C0S99	Solid	Dibenzo(a,h)anthracene		7.100		0.58	ug/Kg
P2164-01	C0S99	Solid	Fluoranthene		63.000		0.22	ug/Kg
P2164-01	C0S99	Solid	Fluorene		2.000	J	0.27	ug/Kg
P2164-01	C0S99	Solid	Indeno(1,2,3-cd)pyrene		26.000		0.64	ug/Kg
P2164-01	C0S99	Solid	Naphthalene		1.600	J	0.24	ug/Kg
P2164-01	C0S99	Solid	Phenanthrene		41.000		0.22	ug/Kg
P2164-01	C0S99	Solid	Pyrene		64.000		0.29	ug/Kg

Total Svoc : **439.60**

Total Concentration: **439.60**

Client ID : C0SA0

P2164-02	C0SA0	Solid	Total Alkanes	*	0.000	1	7.6	ug/Kg
Total Tics :					0.00			
P2164-02	C0SA0	Solid	Acenaphthylene		1.200	J	0.37	ug/Kg
P2164-02	C0SA0	Solid	Benzo(a)anthracene		3.000	J	0.11	ug/Kg

Hit Summary Sheet SW-846

SDG No.: BM042424

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
P2164-02	C0SA0	Solid	Benzo(a)pyrene	3.300	J	0.36	3.7	ug/Kg
P2164-02	C0SA0	Solid	Benzo(b)fluoranthene	4.900		0.53	3.7	ug/Kg
P2164-02	C0SA0	Solid	Benzo(g,h,i)perylene	2.500	J	0.85	3.7	ug/Kg
P2164-02	C0SA0	Solid	Benzo(k)fluoranthene	1.700	J	0.36	3.7	ug/Kg
P2164-02	C0SA0	Solid	Chrysene	2.700	J	0.28	3.7	ug/Kg
P2164-02	C0SA0	Solid	Fluoranthene	5.100		0.2	3.7	ug/Kg
P2164-02	C0SA0	Solid	Indeno(1,2,3-cd)pyrene	2.200	J	0.59	3.7	ug/Kg
P2164-02	C0SA0	Solid	Phenanthrene	3.600	J	0.2	3.7	ug/Kg
P2164-02	C0SA0	Solid	Pyrene	5.700		0.27	3.7	ug/Kg

Total Svoc :

35.90

Total Concentration:

35.90

Client ID : C0S96

P2164-04	C0S96	Solid	Total Alkanes	*	0.000	1.1	8.3	ug/Kg
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Total Tics :

0.00

P2164-04	C0S96	Solid	1-Methylnaphthalene		1.100	J	0.65	4.1	ug/Kg
P2164-04	C0S96	Solid	2-Methylnaphthalene		1.200	J	0.24	4.1	ug/Kg
P2164-04	C0S96	Solid	Acenaphthylene		5.900		0.41	4.1	ug/Kg
P2164-04	C0S96	Solid	Anthracene		3.500	J	0.21	4.1	ug/Kg
P2164-04	C0S96	Solid	Benzo(a)anthracene		13.000		0.12	4.1	ug/Kg
P2164-04	C0S96	Solid	Benzo(a)pyrene		14.000		0.4	4.1	ug/Kg
P2164-04	C0S96	Solid	Benzo(b)fluoranthene		21.000		0.58	4.1	ug/Kg
P2164-04	C0S96	Solid	Benzo(g,h,i)perylene		11.000		0.93	4.1	ug/Kg
P2164-04	C0S96	Solid	Benzo(k)fluoranthene		6.600		0.4	4.1	ug/Kg
P2164-04	C0S96	Solid	Chrysene		13.000		0.31	4.1	ug/Kg
P2164-04	C0S96	Solid	Dibenzo(a,h)anthracene		2.700	J	0.58	4.1	ug/Kg
P2164-04	C0S96	Solid	Fluoranthene		18.000		0.22	4.1	ug/Kg
P2164-04	C0S96	Solid	Indeno(1,2,3-cd)pyrene		9.200		0.65	4.1	ug/Kg
P2164-04	C0S96	Solid	Naphthalene		1.300	J	0.25	4.1	ug/Kg
P2164-04	C0S96	Solid	Phenanthrene		13.000		0.22	4.1	ug/Kg
P2164-04	C0S96	Solid	Pyrene		22.000		0.3	4.1	ug/Kg

Total Svoc :

156.50

Total Concentration:

156.50

Client ID : C0S98

P2164-05	C0S98	Solid	Total Alkanes	*	0.000	0.95	7.2	ug/Kg
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Total Tics :

0.00

P2164-05	C0S98	Solid	Acenaphthylene		2.100	J	0.35	3.5	ug/Kg
P2164-05	C0S98	Solid	Anthracene		1.100	J	0.18	3.5	ug/Kg
P2164-05	C0S98	Solid	Benzo(a)anthracene		4.100		0.1	3.5	ug/Kg
P2164-05	C0S98	Solid	Benzo(a)pyrene		4.300		0.34	3.5	ug/Kg
P2164-05	C0S98	Solid	Benzo(b)fluoranthene		6.800		0.5	3.5	ug/Kg

Hit Summary Sheet SW-846

SDG No.: BM042424

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
P2164-05	C0S98	Solid	Benzo(g,h,i)perylene	3.500		0.8	3.5	ug/Kg
P2164-05	C0S98	Solid	Benzo(k)fluoranthene	2.000	J	0.34	3.5	ug/Kg
P2164-05	C0S98	Solid	Chrysene	3.500		0.27	3.5	ug/Kg
P2164-05	C0S98	Solid	Dibenzo(a,h)anthracene	0.890	J	0.5	3.5	ug/Kg
P2164-05	C0S98	Solid	Fluoranthene	5.500		0.19	3.5	ug/Kg
P2164-05	C0S98	Solid	Indeno(1,2,3-cd)pyrene	2.700	J	0.56	3.5	ug/Kg
P2164-05	C0S98	Solid	Phenanthrene	4.500		0.19	3.5	ug/Kg
P2164-05	C0S98	Solid	Pyrene	6.700		0.26	3.5	ug/Kg

Total Svoc : 47.69

Total Concentration: 47.69

Client ID : C0S90

P2164-08	C0S90	Solid	Total Alkanes	*	0.000	1.1	8.2	ug/Kg
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Total Tics : 0.00

P2164-08	C0S90	Solid	1-Methylnaphthalene		1.000	J 0.64	4	ug/Kg
P2164-08	C0S90	Solid	2-Methylnaphthalene		1.200	J 0.23	4	ug/Kg
P2164-08	C0S90	Solid	Acenaphthylene		2.200	J 0.4	4	ug/Kg
P2164-08	C0S90	Solid	Anthracene		3.000	J 0.21	4	ug/Kg
P2164-08	C0S90	Solid	Benzo(a)anthracene		13.000	0.11	4	ug/Kg
P2164-08	C0S90	Solid	Benzo(a)pyrene		12.000	0.39	4	ug/Kg
P2164-08	C0S90	Solid	Benzo(b)fluoranthene		19.000	0.58	4	ug/Kg
P2164-08	C0S90	Solid	Benzo(g,h,i)perylene		7.900	0.92	4	ug/Kg
P2164-08	C0S90	Solid	Benzo(k)fluoranthene		4.800	0.39	4	ug/Kg
P2164-08	C0S90	Solid	Chrysene		10.000	0.31	4	ug/Kg
P2164-08	C0S90	Solid	Dibenzo(a,h)anthracene		2.000	J 0.58	4	ug/Kg
P2164-08	C0S90	Solid	Fluoranthene		23.000	0.22	4	ug/Kg
P2164-08	C0S90	Solid	Fluorene		0.980	J 0.27	4	ug/Kg
P2164-08	C0S90	Solid	Indeno(1,2,3-cd)pyrene		7.000	0.64	4	ug/Kg
P2164-08	C0S90	Solid	Naphthalene		1.000	J 0.24	4	ug/Kg
P2164-08	C0S90	Solid	Phenanthrene		15.000	0.22	4	ug/Kg
P2164-08	C0S90	Solid	Pyrene		23.000	0.29	4	ug/Kg

Total Svoc : 146.08

Total Concentration: 146.08

Client ID : C0S95

P2164-09	C0S95	Solid	Total Alkanes	*	0.000	0.99	7.4	ug/Kg
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Total Tics : 0.00

P2164-09	C0S95	Solid	Anthracene		1.500	J 0.19	3.7	ug/Kg
P2164-09	C0S95	Solid	Benzo(a)anthracene		7.900	0.1	3.7	ug/Kg
P2164-09	C0S95	Solid	Benzo(a)pyrene		7.200	0.36	3.7	ug/Kg
P2164-09	C0S95	Solid	Benzo(b)fluoranthene		11.000	0.52	3.7	ug/Kg
P2164-09	C0S95	Solid	Benzo(g,h,i)perylene		4.800	0.83	3.7	ug/Kg

Hit Summary Sheet SW-846

SDG No.: BM042424

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
P2164-09	C0S95	Solid	Benzo(k)fluoranthene	3.500	J	0.36	3.7	ug/Kg
P2164-09	C0S95	Solid	Chrysene	5.800		0.28	3.7	ug/Kg
P2164-09	C0S95	Solid	Dibenzo(a,h)anthracene	1.100	J	0.52	3.7	ug/Kg
P2164-09	C0S95	Solid	Fluoranthene	16.000		0.2	3.7	ug/Kg
P2164-09	C0S95	Solid	Indeno(1,2,3-cd)pyrene	4.000		0.58	3.7	ug/Kg
P2164-09	C0S95	Solid	Phenanthrene	11.000		0.2	3.7	ug/Kg
P2164-09	C0S95	Solid	Pyrene	13.000		0.27	3.7	ug/Kg
Total Svoc :				86.80				
Total Concentration:				86.80				
Client ID : C0SB1								
P2164-10	C0SB1	Solid	Total Alkanes	*	0.000	1.1	8.1	ug/Kg
Total Tics :				0.00				
P2164-10	C0SB1	Solid	1-Methylnaphthalene	1.000	J	0.63	4	ug/Kg
P2164-10	C0SB1	Solid	2-Methylnaphthalene	1.600	J	0.23	4	ug/Kg
P2164-10	C0SB1	Solid	Benzo(a)anthracene	6.600		0.11	4	ug/Kg
P2164-10	C0SB1	Solid	Benzo(a)pyrene	5.500		0.39	4	ug/Kg
P2164-10	C0SB1	Solid	Benzo(b)fluoranthene	9.100		0.57	4	ug/Kg
P2164-10	C0SB1	Solid	Benzo(g,h,i)perylene	3.400	J	0.91	4	ug/Kg
P2164-10	C0SB1	Solid	Benzo(k)fluoranthene	2.700	J	0.39	4	ug/Kg
P2164-10	C0SB1	Solid	Chrysene	5.800		0.3	4	ug/Kg
P2164-10	C0SB1	Solid	Dibenzo(a,h)anthracene	0.970	J	0.57	4	ug/Kg
P2164-10	C0SB1	Solid	Fluoranthene	12.000		0.22	4	ug/Kg
P2164-10	C0SB1	Solid	Indeno(1,2,3-cd)pyrene	3.300	J	0.63	4	ug/Kg
P2164-10	C0SB1	Solid	Naphthalene	0.970	J	0.24	4	ug/Kg
P2164-10	C0SB1	Solid	Phenanthrene	6.300		0.22	4	ug/Kg
P2164-10	C0SB1	Solid	Pyrene	11.000		0.29	4	ug/Kg
Total Svoc :				70.24				
Total Concentration:				70.24				
Client ID : C0SB2								
P2164-11	C0SB2	Solid	Total Alkanes	*	0.000	0.99	7.5	ug/Kg
Total Tics :				0.00				
P2164-11	C0SB2	Solid	Fluoranthene	0.890	J	0.2	3.7	ug/Kg
P2164-11	C0SB2	Solid	Phenanthrene	0.970	J	0.2	3.7	ug/Kg
Total Svoc :				1.86				
Total Concentration:				1.86				
Client ID : C0SA3								
P2164-13	C0SA3	Solid	Total Alkanes	*	0.000	1.2	8.9	ug/Kg
Total Tics :				0.00				
P2164-13	C0SA3	Solid	Benzo(a)anthracene	6.300		0.12	4.4	ug/Kg

Hit Summary Sheet SW-846

SDG No.: BM042424

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
P2164-13	C0SA3	Solid	Benzo(a)pyrene	5.500		0.43	4.4	ug/Kg
P2164-13	C0SA3	Solid	Benzo(b)fluoranthene	11.000		0.63	4.4	ug/Kg
P2164-13	C0SA3	Solid	Benzo(g,h,i)perylene	4.500		1	4.4	ug/Kg
P2164-13	C0SA3	Solid	Benzo(k)fluoranthene	3.400	J	0.43	4.4	ug/Kg
P2164-13	C0SA3	Solid	Chrysene	4.200	J	0.33	4.4	ug/Kg
P2164-13	C0SA3	Solid	Fluoranthene	8.200		0.24	4.4	ug/Kg
P2164-13	C0SA3	Solid	Indeno(1,2,3-cd)pyrene	3.900	J	0.69	4.4	ug/Kg
P2164-13	C0SA3	Solid	Phenanthrene	3.400	J	0.24	4.4	ug/Kg
P2164-13	C0SA3	Solid	Pyrene	7.600		0.32	4.4	ug/Kg
Total Svoc :						58.00		
Total Concentration:						58.00		
Client ID : C0SA4								
P2164-14	C0SA4	Solid	Total Alkanes	*	0.000	0.96	7.2	ug/Kg
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.: BM042424 SAS No.: BM042424 SDG NO.: BM042424

EPA Sample No.: SSTD0.4031

Date Analyzed: Apr 24 2024 12:00AM

Lab File ID: BM045424.D

Time Analyzed: 13:37

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	SBLK441	722	7.55	2130	10.31	1190	14.20
02	SLCS226	824	7.56	2476	10.34	1361	14.21
03	SLCS234	866	7.56	2641	10.34	1424	14.21
04	C0AL4	801	7.55	2219	10.31	1288	14.20
05	C0S99	1008	7.55	2960	10.31	1617	14.20
06	C0SA0	1003	7.55	2971	10.31	1649	14.20
07	C0S96	1120	7.55	3212	10.31	1778	14.20
08	C0S98	1018	7.55	3025	10.31	1680	14.20
09	SBLK461	878	7.55	2566	10.31	1421	14.20
10	C0S90	924	7.55	2714	10.31	1555	14.20
11	C0S95	829	7.55	2473	10.31	1369	14.20
12	C0SB1	1005	7.55	2949	10.31	1631	14.20
13	C0SB2	895	7.55	2609	10.31	1470	14.20
14	C0SA3	841	7.55	2447	10.31	1403	14.20
15	C0SA4	906	7.55	2534	10.31	1438	14.20
16	C0AA0	923	7.55	2605	10.31	1398	14.20
17	C0AA3	1002	7.55	2763	10.31	1477	14.20
18	C0AA5	1022	7.55	2727	10.31	1565	14.20
19	C0AA8	1211	7.55	3135	10.31	1872	14.20
20	C0AA9	1090	7.55	2798	10.31	1409	14.20
21	C0AB0	1006	7.55	2599	10.31	1277	14.20
22	C0AC6	1040	7.55	2740	10.31	1388	14.20
23	C0AC8	925	7.55	2454	10.31	1644	14.20

8B

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BM042424 SAS No.: BM042424 SDG NO.: BM042424

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

Lab File ID: BM045424.D Time Analyzed: 05:19

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

	IS1 (DCB) AREA #	RT #	IS2 (NPT) AREA #	RT #	IS3 (ANT) AREA #	RT #
12 HOUR STD	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 SLCS441	724	7.56	2175	10.33	1064	14.21
25 SBLK441	834	7.55	2187	10.31	1109	14.20
26 C0AC9	929	7.55	2458	10.31	1272	14.20
27 C0AL7	972	7.55	2605	10.31	1406	14.20
28 C0AL8	994	7.55	2674	10.31	1441	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.: BM042424 SAS No.: BM042424 SDG NO.: BM042424

EPA Sample No.: SSTD0.4091 Date Analyzed: Apr 24 2024 12:00AM

Lab File ID: BM045525.D Time Analyzed: 13:37

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	611	7.563	1820	10.34	1058	14.21
UPPER LIMIT	1222	8.063	3640	10.836	2116	14.709
LOWER LIMIT	305.5	7.063	910	9.836	529	13.709
EPA SAMPLE NO.						
01 SBLK441	722	7.55	2130	10.31	1190	14.20
02 SLCS226	824	7.56	2476	10.34	1361	14.21
03 SLCS234	866	7.56	2641	10.34	1424	14.21
04 C0AL4	801	7.55	2219	10.31	1288	14.20
05 C0S99	1008	7.55	2960	10.31	1617	14.20
06 C0SA0	1003	7.55	2971	10.31	1649	14.20
07 C0S96	1120	7.55	3212	10.31	1778	14.20
08 C0S98	1018	7.55	3025	10.31	1680	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.



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

8B

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BM042424 SAS No.: BM042424 SDG NO.: BM042424

EPA Sample No.: SSTD0.4092 Date Analyzed: Apr 24 2024 12:00AM

Lab File ID: BM045534.D Time Analyzed: 20:04

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	657	7.568	2230	10.34	1208	14.22
	UPPER LIMIT	1314	8.068	4460	10.841	2416	14.715
	LOWER LIMIT	328.5	7.068	1115	9.841	604	13.715
	EPA SAMPLE NO.						
01	SBLK461	878	7.55	2566	10.31	1421	14.20
02	C0S90	924	7.55	2714	10.31	1555	14.20
03	C0S95	829	7.55	2473	10.31	1369	14.20
04	C0SB1	1005	7.55	2949	10.31	1631	14.20
05	C0SB2	895	7.55	2609	10.31	1470	14.20
06	C0SA3	841	7.55	2447	10.31	1403	14.20
07	C0SA4	906	7.55	2534	10.31	1438	14.20
08	C0AA0	923	7.55	2605	10.31	1398	14.20
09	C0AA3	1002	7.55	2763	10.31	1477	14.20
10	C0AA5	1022	7.55	2727	10.31	1565	14.20
11	C0AA8	1211	7.55	3135	10.31	1872	14.20
12	C0AA9	1090	7.55	2798	10.31	1409	14.20
13	C0AB0	1006	7.55	2599	10.31	1277	14.20
14	C0AC6	1040	7.55	2740	10.31	1388	14.20
15	C0AC8	925	7.55	2454	10.31	1644	14.20
16	SLCS441	724	7.56	2175	10.33	1064	14.21



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Fax : 908 789 8922

8B

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BM042424 SAS No.: BM042424 SDG NO.: BM042424

EPA Sample No.: SSTD0.4092 Date Analyzed: Apr 25 2024 12:00AM

Lab File ID: BM045534.D Time Analyzed: 05:19

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

	IS1 (DCB) AREA #	RT #	IS2 (NPT) AREA #	RT #	IS3 (ANT) AREA #	RT #
12 HOUR STD	657	7.568	2230	10.34	1208	14.22
UPPER LIMIT	1314	8.068	4460	10.841	2416	14.715
LOWER LIMIT	328.5	7.068	1115	9.841	604	13.715
EPA SAMPLE NO.						

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

IS2 (NPT) = Naphthalene-d8

IS3 (ANT) = Acenaphthene-d10

AREA UPPER LIMIT = +100% of internal standard area

AREA LOWER LIMIT = -50% of internal standard area

RT UPPER LIMIT = +0.50 minutes of internal standard RT

RT UPPER LIMIT = -0.50 minutes of internal standard RT

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

* Values outside of QC limits.

8B

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BM042424 SAS No.: BM042424 SDG NO.: BM042424

EPA Sample No.: SSTD0.4093 Date Analyzed: Apr 25 2024 12:00AM

Lab File ID: BM045551.D Time Analyzed: 07:08

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	837	7.564	2549	10.33	1224	14.21
UPPER LIMIT	1674	8.064	5098	10.831	2448	14.706
LOWER LIMIT	418.5	7.064	1274.5	9.831	612	13.706
EPA SAMPLE NO.						
01 SBLK441	834	7.55	2187	10.31	1109	14.20
02 C0AC9	929	7.55	2458	10.31	1272	14.20
03 C0AL7	972	7.55	2605	10.31	1406	14.20
04 C0AL8	994	7.55	2674	10.31	1441	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.

8C

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BM042424 SAS No.: BM042424 SDG NO.: BM042424

EPA Sample No.: SSTD0.4031 Date Analyzed: Apr 24 2024 12:00AM

Lab File ID: BM045424.D Time Analyzed: 13:37

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	SBLK441	2612	16.97	2374	21.21	2439	23.39
02	SLCS226	2882	16.99	2567	21.20	3653	23.39
03	SLCS234	2981	16.99	2549	21.20	3643	23.39
04	C0AL4	2742	16.96	2291	21.21	2304	23.38
05	C0S99	3576	16.96	3423 *	21.18	3846	23.38
06	C0SA0	3556	16.96	3225 *	21.20	3549	23.39
07	C0S96	3787	16.96	3408 *	21.19	3786	23.38
08	C0S98	3775	16.96	3738 *	21.19	4225	23.38
09	SBLK461	2993	16.96	2349	21.21	2589	23.38
10	C0S90	3337	16.96	2921 *	21.19	3321	23.38
11	C0S95	3131	16.96	2733	21.19	3044	23.38
12	C0SB1	3534	16.96	2907 *	21.19	4320 *	23.38
13	C0SB2	3197	16.96	2707	21.20	2831	23.38
14	C0SA3	2918	16.96	2467	21.19	2695	23.38
15	C0SA4	3010	16.96	2695	21.20	2911	23.38
16	C0AA0	3101	16.96	2758	21.19	3115	23.37
17	C0AA3	3199	16.96	2996 *	21.18	3747	23.36
18	C0AA5	3064	16.96	4090 *	21.18	7811 *	23.37
19	C0AA8	3466	16.96	3341 *	21.18	4011	23.37
20	C0AA9	2871	16.96	2642	21.18	3591	23.37
21	C0AB0	2555	16.96	2432	21.18	3580	23.37

8C

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BM042424 SAS No.: BM042424 SDG NO.: BM042424

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

Lab File ID: BM045424.D Time Analyzed: 04:05

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	C0AC6	2701	16.96	2490	21.18	3121	23.37
23	C0AC8	3301	16.97	2569	21.18	3773	23.37
24	SLCS441	2028	16.98	2074	21.19	2982	23.38
25	SBLK441	2244	16.96	1991	21.20	2451	23.37
26	C0AC9	2588	16.96	2287	21.18	3015	23.37
27	C0AL7	2841	16.96	2429	21.18	3685	23.37
28	C0AL8	3135	16.96	2478	21.18	3681	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.: BM042424 SAS No.: BM042424 SDG NO.: BM042424

EPA Sample No.: SSTD0.4091 Date Analyzed: Apr 24 2024 12:00AM

Lab File ID: BM045525.D Time Analyzed: 13:37

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	2399	16.984	2130	21.199	2928	23.397
UPPER LIMIT	4798	17.484	4260	21.699	5856	23.897
LOWER LIMIT	1199.5	16.484	1065	20.699	1464	22.897
EPA SAMPLE NO.						
01 SBLK441	2612	16.97	2374	21.21	2439	23.39
02 SLCS226	2882	16.99	2567	21.20	3653	23.39
03 SLCS234	2981	16.99	2549	21.20	3643	23.39
04 C0AL4	2742	16.96	2291	21.21	2304	23.38
05 C0S99	3576	16.96	3423	21.18	3846	23.38
06 C0SA0	3556	16.96	3225	21.20	3549	23.39
07 C0S96	3787	16.96	3408	21.19	3786	23.38
08 C0S98	3775	16.96	3738	21.19	4225	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 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.: BM042424 SAS No.: BM042424 SDG NO.: BM042424

EPA Sample No.: SSTD0.4092 Date Analyzed: Apr 24 2024 12:00AM

Lab File ID: BM045534.D Time Analyzed: 20:04

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	2547	16.989	2124	21.198	3078	23.396
	UPPER LIMIT	5094	17.489	4248	21.698	6156	23.896
	LOWER LIMIT	1273.5	16.489	1062	20.698	1539	22.896
	EPA SAMPLE NO.						
01	SBLK461	2993	16.96	2349	21.21	2589	23.38
02	C0S90	3337	16.96	2921	21.19	3321	23.38
03	C0S95	3131	16.96	2733	21.19	3044	23.38
04	C0SB1	3534	16.96	2907	21.19	4320	23.38
05	C0SB2	3197	16.96	2707	21.20	2831	23.38
06	C0SA3	2918	16.96	2467	21.19	2695	23.38
07	C0SA4	3010	16.96	2695	21.20	2911	23.38
08	C0AA0	3101	16.96	2758	21.19	3115	23.37
09	C0AA3	3199	16.96	2996	21.18	3747	23.36
10	C0AA5	3064	16.96	4090	21.18	7811 *	23.37
11	C0AA8	3466	16.96	3341	21.18	4011	23.37
12	C0AA9	2871	16.96	2642	21.18	3591	23.37
13	C0AB0	2555	16.96	2432	21.18	3580	23.37
14	C0AC6	2701	16.96	2490	21.18	3121	23.37
15	C0AC8	3301	16.97	2569	21.18	3773	23.37
16	SLCS441	2028	16.98	2074	21.19	2982	23.38

8C

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BM042424 SAS No.: BM042424 SDG NO.: BM042424

EPA Sample No.: SSTD0.4092 Date Analyzed: Apr 25 2024 12:00AM

Lab File ID: BM045534.D Time Analyzed: 05:19

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

	IS4 (PHN) AREA #	RT #	IS5 (CRY) AREA #	RT #	IS6 (PRY) AREA #	RT #
12 HOUR STD	2547	16.989	2124	21.198	3078	23.396
UPPER LIMIT	5094	17.489	4248	21.698	6156	23.896
LOWER LIMIT	1273.5	16.489	1062	20.698	1539	22.896
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.: BM042424 SAS No.: BM042424 SDG NO.: BM042424

EPA Sample No.: SSTD0.4093 Date Analyzed: Apr 25 2024 12:00AM

Lab File ID: BM045551.D Time Analyzed: 07:08

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	2490	16.976	2206	21.192	3311	23.378
UPPER LIMIT	4980	17.476	4412	21.692	6622	23.878
LOWER LIMIT	1245	16.476	1103	20.692	1655.5	22.878
EPA SAMPLE NO.						
01 SBLK441	2244	16.96	1991	21.20	2451	23.37
02 C0AC9	2588	16.96	2287	21.18	3015	23.37
03 C0AL7	2841	16.96	2429	21.18	3685	23.37
04 C0AL8	3135	16.96	2478	21.18	3681	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.

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: BM042424

Client: _____

Analytical Method: SFAM_SVOASIM

DataFile: _____

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	RPD	Limits		RPD
								Qual	Low	High	
PB160226BS	1,4-Dioxane	2	1.9	ug/L	95				0	0	
	Naphthalene	0.4	0.38	ug/L	95				0	0	
	1-Methylnaphthalene	0.4	0.35	ug/L	88				0	0	
	2-Methylnaphthalene	0.4	0.4	ug/L	100				0	0	
	Acenaphthylene	0.4	0.37	ug/L	93				0	0	
	Acenaphthene	0.4	0.37	ug/L	93				0	0	
	Fluorene	0.4	0.37	ug/L	93				0	0	
	Pentachlorophenol	0.8	0.85	ug/L	106				0	0	
	Phenanthrene	0.4	0.37	ug/L	93				0	0	
	Anthracene	0.4	0.39	ug/L	98				0	0	
	Fluoranthene	0.4	0.32	ug/L	80				0	0	
	Pyrene	0.4	0.34	ug/L	85				0	0	
	Benzo(a)anthracene	0.4	0.43	ug/L	108				0	0	
	Chrysene	0.4	0.34	ug/L	85				0	0	
	Benzo(b)fluoranthene	0.4	0.38	ug/L	95				0	0	
	Benzo(k)fluoranthene	0.4	0.36	ug/L	90				0	0	
	Benzo(a)pyrene	0.4	0.38	ug/L	95				0	0	
	Indeno(1,2,3-cd)pyrene	0.4	0.35	ug/L	88				0	0	
	Dibenzo(a,h)anthracene	0.4	0.36	ug/L	90				0	0	
	Benzo(g,h,i)perylene	0.4	0.34	ug/L	85				0	0	

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: BM042424

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	1.9	ug/L	95				0	0		
	Naphthalene	0.4	0.37	ug/L	93				0	0		
	1-Methylnaphthalene	0.4	0.35	ug/L	88				0	0		
	2-Methylnaphthalene	0.4	0.39	ug/L	98				0	0		
	Acenaphthylene	0.4	0.37	ug/L	93				0	0		
	Acenaphthene	0.4	0.36	ug/L	90				0	0		
	Fluorene	0.4	0.37	ug/L	93				0	0		
	Pentachlorophenol	0.8	0.84	ug/L	105				0	0		
	Phenanthrene	0.4	0.36	ug/L	90				0	0		
	Anthracene	0.4	0.38	ug/L	95				0	0		
	Fluoranthene	0.4	0.32	ug/L	80				0	0		
	Pyrene	0.4	0.34	ug/L	85				0	0		
	Benzo(a)anthracene	0.4	0.43	ug/L	108				0	0		
	Chrysene	0.4	0.35	ug/L	88				0	0		
	Benzo(b)fluoranthene	0.4	0.38	ug/L	95				0	0		
	Benzo(k)fluoranthene	0.4	0.36	ug/L	90				0	0		
	Benzo(a)pyrene	0.4	0.38	ug/L	95				0	0		
	Indeno(1,2,3-cd)pyrene	0.4	0.36	ug/L	90				0	0		
	Dibenzo(a,h)anthracene	0.4	0.36	ug/L	90				0	0		
	Benzo(g,h,i)perylene	0.4	0.34	ug/L	85				0	0		

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: BM042424

Client: _____

Analytical Method: SFAM_SVOASIM

DataFile: _____

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	RPD		Limits		RPD
								Qual	Low	High		
PB160441BS	1,4-Dioxane	66.7	77	ug/Kg	115				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	13	ug/Kg	98				0	0		
	Fluorene	13.3	13	ug/Kg	98				0	0		
	Pentachlorophenol	26.7	39	ug/Kg	146				0	0		
	Phenanthrene	13.3	13	ug/Kg	98				0	0		
	Anthracene	13.3	15	ug/Kg	113				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	16	ug/Kg	120				0	0		
	Chrysene	13.3	12	ug/Kg	90				0	0		
	Benzo(b)fluoranthene	13.3	13	ug/Kg	98				0	0		
	Benzo(k)fluoranthene	13.3	11	ug/Kg	83				0	0		
	Benzo(a)pyrene	13.3	13	ug/Kg	98				0	0		
	Indeno(1,2,3-cd)pyrene	13.3	13	ug/Kg	98				0	0		
	Dibenzo(a,h)anthracene	13.3	13	ug/Kg	98				0	0		
	Benzo(g,h,i)perylene	13.3	12	ug/Kg	90				0	0		

4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

C0AA0

Lab Name: CHEMTECH

Contract: _____

Lab Code: CHEM Case No.: BM042424

SAS No.: BM042424 SDG NO.: BM042424

Lab File ID: BM045542.D

Lab Sample ID: P2104-01

Instrument ID: BNA_M

Date Extracted: 04/12/2024

Matrix: (soil/water) Solid

Date Analyzed: 04/25/2024

Level: (low/med) LOW

Time Analyzed: 00:25

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
C0AA0	P2104-01	BM045542.D	04/25/2024
C0AA3	P2104-02	BM045543.D	04/25/2024
C0AA5	P2104-03	BM045544.D	04/25/2024
C0AA8	P2104-08	BM045545.D	04/25/2024
C0AA9	P2104-09	BM045546.D	04/25/2024
C0AB0	P2104-10	BM045547.D	04/25/2024
C0AC6	P2104-15	BM045548.D	04/25/2024
C0AC8	P2104-16	BM045549.D	04/25/2024
C0AC9	P2104-17	BM045553.D	04/25/2024
C0AL7	P2104-20	BM045554.D	04/25/2024
C0AL8	P2104-21	BM045555.D	04/25/2024

COMMENTS: _____

4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

SLCS226

Lab Name: CHEMTECH

Contract: _____

Lab Code: CHEM Case No.: BM042424

SAS No.: BM042424 SDG NO.: BM042424

Lab File ID: BM045527.D

Lab Sample ID: PB160226BS

Instrument ID: BNA_M

Date Extracted: 04/12/2024

Matrix: (soil/water) Water

Date Analyzed: 04/24/2024

Level: (low/med) LOW

Time Analyzed: 14:14

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
PB160226BS	PB160226BS	BM045527.D	04/24/2024

COMMENTS: _____

4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

SLCS234

Lab Name: CHEMTECH

Contract: _____

Lab Code: CHEM Case No.: BM042424

SAS No.: BM042424 SDG NO.: BM042424

Lab File ID: BM045528.D

Lab Sample ID: PB160234BS

Instrument ID: BNA_M

Date Extracted: 04/13/2024

Matrix: (soil/water) Water

Date Analyzed: 04/24/2024

Level: (low/med) LOW

Time Analyzed: 14:57

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
PB160234BS	PB160234BS	BM045528.D	04/24/2024

COMMENTS: _____

4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

C0AL4

Lab Name: CHEMTECH

Contract: _____

Lab Code: CHEM Case No.: BM042424

SAS No.: BM042424 SDG NO.: BM042424

Lab File ID: BM045529.D

Lab Sample ID: P2077-10

Instrument ID: BNA_M

Date Extracted: 04/16/2024

Matrix: (soil/water) Water

Date Analyzed: 04/24/2024

Level: (low/med) LOW

Time Analyzed: 15:34

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
C0AL4	P2077-10	BM045529.D	04/24/2024

COMMENTS: _____

4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

SBLK441

Lab Name: CHEMTECH

Contract: _____

Lab Code: CHEM Case No.: BM042424SAS No.: BM042424 SDG NO.: BM042424Lab File ID: BM045526.DLab Sample ID: PB160441BLInstrument ID: BNA_MDate Extracted: 04/22/2024Matrix: (soil/water) SolidDate Analyzed: 04/24/2024Level: (low/med) LOWTime Analyzed: 13:37

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
C0S90	P2164-08	BM045536.D	04/24/2024
C0S95	P2164-09	BM045537.D	04/24/2024
C0SB1	P2164-10	BM045538.D	04/24/2024
C0SB2	P2164-11	BM045539.D	04/24/2024
C0SA3	P2164-13	BM045540.D	04/24/2024
C0SA4	P2164-14	BM045541.D	04/24/2024
C0S99	P2164-01	BM045530.D	04/24/2024
C0SA0	P2164-02	BM045531.D	04/24/2024
C0S96	P2164-04	BM045532.D	04/24/2024
C0S98	P2164-05	BM045533.D	04/24/2024
PB160441BS	PB160441BS	BM045550.D	04/25/2024

COMMENTS: _____

4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

SBLK461

Lab Name: CHEMTECH

Contract: _____

Lab Code: CHEM Case No.: BM042424

SAS No.: BM042424 SDG NO.: BM042424

Lab File ID: BM045535.D

Lab Sample ID: PB160461BL

Instrument ID: BNA_M

Date Extracted: 04/23/2024

Matrix: (soil/water) Solid

Date Analyzed: 04/24/2024

Level: (low/med) LOW

Time Analyzed: 20:04

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED

COMMENTS:

Surrogate Summary

SW-846

SDG No.: **BM042424**

Client: _____

Analytical Method: **SFAM_SVOASIM**

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P2104-01	C0AA0	BM045542.D	1,4-Dioxane-d8	8	4.00	50		15	120
			Fluoranthene-d10	0.4	0.23	58		30	130
			2-Methylnaphthalene-d10	0.4	0.25	62		20	140
P2104-02	C0AA3	BM045543.D	1,4-Dioxane-d8	8	2.97	37		15	120
			Fluoranthene-d10	0.4	0.19	48		30	130
			2-Methylnaphthalene-d10	0.4	0.23	57		20	140
P2104-03	C0AA5	BM045544.D	1,4-Dioxane-d8	8	2.08	26		15	120
			Fluoranthene-d10	0.4	0.07	18	*	30	130
			2-Methylnaphthalene-d10	0.4	0.14	35		20	140
P2104-08	C0AA8	BM045545.D	1,4-Dioxane-d8	8	4.18	52		15	120
			Fluoranthene-d10	0.4	0.23	56		30	130
			2-Methylnaphthalene-d10	0.4	0.29	71		20	140
P2104-09	C0AA9	BM045546.D	1,4-Dioxane-d8	8	3.79	47		15	120
			Fluoranthene-d10	0.4	0.22	54		30	130
			2-Methylnaphthalene-d10	0.4	0.24	61		20	140
P2104-10	C0AB0	BM045547.D	1,4-Dioxane-d8	8	3.42	43		15	120
			Fluoranthene-d10	0.4	0.19	46		30	130
			2-Methylnaphthalene-d10	0.4	0.19	48		20	140
P2104-15	C0AC6	BM045548.D	1,4-Dioxane-d8	8	3.82	48		15	120
			Fluoranthene-d10	0.4	0.23	56		30	130
			2-Methylnaphthalene-d10	0.4	0.23	58		20	140
P2104-16	C0AC8	BM045549.D	1,4-Dioxane-d8	8	3.54	44		15	120
			Fluoranthene-d10	0.4	0.25	62		30	130
			2-Methylnaphthalene-d10	0.4	0.25	63		20	140
P2104-17	C0AC9	BM045553.D	1,4-Dioxane-d8	8	3.44	43		15	120
			Fluoranthene-d10	0.4	0.22	55		30	130
			2-Methylnaphthalene-d10	0.4	0.24	60		20	140
P2104-20	C0AL7	BM045554.D	1,4-Dioxane-d8	8	3.50	44		15	120
			Fluoranthene-d10	0.4	0.21	53		30	130
			2-Methylnaphthalene-d10	0.4	0.23	56		20	140
P2104-21	C0AL8	BM045555.D	1,4-Dioxane-d8	8	3.53	44		15	120
			Fluoranthene-d10	0.4	0.23	58		30	130
			2-Methylnaphthalene-d10	0.4	0.24	59		20	140



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Surrogate Summary

SW-846

SDG No.: BM042424

Client: _____

Analytical Method: SFAM_SVOASIM

Lab Sample ID	Client ID	Datafile	Parameter	Spike	Result	Recovery (%)	Qual	Limits (%)	
				(PPM)	(PPM)			Low	High
PB160226BS	PB160226BS	BM045527.D	1,4-Dioxane-d8	0.8	0.73	91		15	120
			Fluoranthene-d10	0.4	0.33	82		30	130
			2-Methylnaphthalene-d10	0.4	0.38	95		30	130



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Fax : 908 789 8922

Surrogate Summary

SW-846

SDG No.: BM042424

Client: _____

Analytical Method: SFAM_SVOASIM

Lab Sample ID	Client ID	Datafile	Parameter	Spike	Result	Recovery (%)	Qual	Limits (%)	
				(PPM)	(PPM)			Low	High
PB160234BS	PB160234BS	BM045528.D	1,4-Dioxane-d8	0.8	0.76	95		15	120
			Fluoranthene-d10	0.4	0.33	83		30	130
			2-Methylnaphthalene-d10	0.4	0.39	96		30	130



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Surrogate Summary

SW-846

SDG No.: BM042424

Client: _____

Analytical Method: SFAM_SVOASIM

Lab Sample ID	Client ID	Datafile	Parameter	Spike	Result	Recovery (%)	Qual	Limits (%)	
				(PPM)	(PPM)			Low	High
P2077-10	C0AL4	BM045529.D	1,4-Dioxane-d8	8	3.39	42		15	120
			Fluoranthene-d10	0.4	0.33	83		30	130
			2-Methylnaphthalene-d10	0.4	0.35	86		30	130

Surrogate Summary

SW-846

SDG No.: **BM042424**

Client: _____

Analytical Method: **SFAM_SVOASIM**

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P2164-01	C0S99	BM045530.D	1,4-Dioxane-d8	8	2.59	32		15	120
			Fluoranthene-d10	0.4	0.18	46		30	130
			2-Methylnaphthalene-d10	0.4	0.20	50		20	140
P2164-02	C0SA0	BM045531.D	1,4-Dioxane-d8	8	3.56	44		15	120
			Fluoranthene-d10	0.4	0.21	53		30	130
			2-Methylnaphthalene-d10	0.4	0.25	62		20	140
P2164-04	C0S96	BM045532.D	1,4-Dioxane-d8	8	2.81	35		15	120
			Fluoranthene-d10	0.4	0.19	48		30	130
			2-Methylnaphthalene-d10	0.4	0.22	55		20	140
P2164-05	C0S98	BM045533.D	1,4-Dioxane-d8	8	2.87	36		15	120
			Fluoranthene-d10	0.4	0.18	44		30	130
			2-Methylnaphthalene-d10	0.4	0.21	52		20	140
P2164-08	C0S90	BM045536.D	1,4-Dioxane-d8	8	3.79	47		15	120
			Fluoranthene-d10	0.4	0.24	60		30	130
			2-Methylnaphthalene-d10	0.4	0.28	70		20	140
P2164-09	C0S95	BM045537.D	1,4-Dioxane-d8	8	3.32	41		15	120
			Fluoranthene-d10	0.4	0.20	50		30	130
			2-Methylnaphthalene-d10	0.4	0.22	55		20	140
P2164-10	C0SB1	BM045538.D	1,4-Dioxane-d8	8	3.78	47		15	120
			Fluoranthene-d10	0.4	0.25	61		30	130
			2-Methylnaphthalene-d10	0.4	0.26	66		20	140
P2164-11	C0SB2	BM045539.D	1,4-Dioxane-d8	8	3.61	45		15	120
			Fluoranthene-d10	0.4	0.21	52		30	130
			2-Methylnaphthalene-d10	0.4	0.24	60		20	140
P2164-13	C0SA3	BM045540.D	1,4-Dioxane-d8	8	4.68	59		15	120
			Fluoranthene-d10	0.4	0.29	73		30	130
			2-Methylnaphthalene-d10	0.4	0.34	86		20	140
P2164-14	C0SA4	BM045541.D	1,4-Dioxane-d8	8	3.73	47		15	120
			Fluoranthene-d10	0.4	0.22	54		30	130
			2-Methylnaphthalene-d10	0.4	0.27	66		20	140
PB160441BL	PB160441BL	BM045526.D	1,4-Dioxane-d8	8	5.39	67		15	120
		BM045552.D	1,4-Dioxane-d8	8	6.28	78		15	120
			Fluoranthene-d10	0.4	0.29	73		30	130
		BM045526.D	Fluoranthene-d10	0.4	0.26	65		30	130
			2-Methylnaphthalene-d10	0.4	0.31	76		20	140
		BM045552.D	2-Methylnaphthalene-d10	0.4	0.33	83		20	140
PB160441BS	PB160441BS	BM045550.D	1,4-Dioxane-d8	0.8	0.74	93		15	120
			Fluoranthene-d10	0.4	0.27	68		30	130
			2-Methylnaphthalene-d10	0.4	0.34	84		20	140



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Surrogate Summary

SW-846

SDG No.: BM042424

Client: _____

Analytical Method: SFAM_SVOASIM

Lab Sample ID	Client ID	Datafile	Parameter	Spike	Result	Recovery (%)	Qual	Limits (%)	
				(PPM)	(PPM)			Low	High
PB160461BL	PB160461BL	BM045535.D	1,4-Dioxane-d8	8	5.12	64		15	120
			Fluoranthene-d10	0.4	0.28	69		30	130
			2-Methylnaphthalene-d10	0.4	0.31	77		20	140

5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: CHEMTECH

Contract: BM042424

Lab Code: CHEM

SAS No.: BM042424

SDG NO.: BM042424

Lab File ID: BM045524.D

DFTPP Injection Date: 04/24/2024

Instrument ID: BNA_M

DFTPP Injection Time: 11:00

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
51	10.0 - 80.0% of mass 198	67.1
68	Less than 2.0% of mass 69	0.7 (1.1) 1
69	Mass 69 relative abundance	62.8
70	Less than 2.0% of mass 69	0.2 (0.3) 1
127	10.0 - 80.0% of mass 198	67.4
197	Less than 2.0% of mass 198	0.6
198	Base Peak, 100% relative abundance	100
199	5.0 to 9.0% of mass 198	7.5
275	10.0 - 60.0% of mass 198	26.8
365	Greater than 1% of mass 198	5.9
441	Present, but less than mass 443	14.5
442	Greater than 50% of mass 198	90.1
443	15.0 - 24.0% of mass 442	16.5 (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
SSTD0.4091	SSTDCCC0.4	BM045525.D	04/24/2024	12:50
SBLK441	PB160441BL	BM045526.D	04/24/2024	13:37
SLCS226	PB160226BS	BM045527.D	04/24/2024	14:14
SLCS234	PB160234BS	BM045528.D	04/24/2024	14:57
C0AL4	P2077-10	BM045529.D	04/24/2024	15:34
C0S99	P2164-01	BM045530.D	04/24/2024	16:12
C0SA0	P2164-02	BM045531.D	04/24/2024	16:56
C0S96	P2164-04	BM045532.D	04/24/2024	17:33
C0S98	P2164-05	BM045533.D	04/24/2024	18:11
SSTD0.4092	SSTDCCC0.4	BM045534.D	04/24/2024	19:27
SBLK461	PB160461BL	BM045535.D	04/24/2024	20:04
C0S90	P2164-08	BM045536.D	04/24/2024	20:42
C0S95	P2164-09	BM045537.D	04/24/2024	21:19
C0SB1	P2164-10	BM045538.D	04/24/2024	21:56
C0SB2	P2164-11	BM045539.D	04/24/2024	22:34
C0SA3	P2164-13	BM045540.D	04/24/2024	23:11
C0SA4	P2164-14	BM045541.D	04/24/2024	23:48
C0AA0	P2104-01	BM045542.D	04/25/2024	00:25

5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: CHEMTECH

Contract: BM042424

Lab Code: CHEM

SAS No.: BM042424

SDG NO.: BM042424

Lab File ID: BM045524.D

DFTPP Injection Date: 04/24/2024

Instrument ID: BNA_M

DFTPP Injection Time: 11:00

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
51	10.0 - 80.0% of mass 198	67.1
68	Less than 2.0% of mass 69	0.7 (1.1) 1
69	Mass 69 relative abundance	62.8
70	Less than 2.0% of mass 69	0.2 (0.3) 1
127	10.0 - 80.0% of mass 198	67.4
197	Less than 2.0% of mass 198	0.6
198	Base Peak, 100% relative abundance	100
199	5.0 to 9.0% of mass 198	7.5
275	10.0 - 60.0% of mass 198	26.8
365	Greater than 1% of mass 198	5.9
441	Present, but less than mass 443	14.5
442	Greater than 50% of mass 198	90.1
443	15.0 - 24.0% of mass 442	16.5 (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
C0AA3	P2104-02	BM045543.D	04/25/2024	01:02
C0AA5	P2104-03	BM045544.D	04/25/2024	01:39
C0AA8	P2104-08	BM045545.D	04/25/2024	02:15
C0AA9	P2104-09	BM045546.D	04/25/2024	02:52
C0AB0	P2104-10	BM045547.D	04/25/2024	03:29
C0AC6	P2104-15	BM045548.D	04/25/2024	04:05
C0AC8	P2104-16	BM045549.D	04/25/2024	04:42
SLCS441	PB160441BS	BM045550.D	04/25/2024	05:19
SSTD0.4093	SSTDCCC0.4	BM045551.D	04/25/2024	06:31
SBLK441	PB160441BL	BM045552.D	04/25/2024	07:08
C0AC9	P2104-17	BM045553.D	04/25/2024	07:44
C0AL7	P2104-20	BM045554.D	04/25/2024	08:20
C0AL8	P2104-21	BM045555.D	04/25/2024	08:57