

7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: _____

Lab Code: CHEM Case No.: BM121924 SAS No.: BM121924 SDG No.: BM121924

Instrument ID: BNA_M Calibration Date/Time: 12/19/2024 : 09:29

Lab File ID: BM049061.D Init. Calib. Date(s): _____

EPA Sample No.: SSTD0.4115 Init. Calib. Time(s): _____

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

COMPOUND	RRF	RRFCAL	MIN RRF	%D	MAX%D
1,4-Dioxane	0.539	0.597	0.010	10.6866	40.0
1,4-Dioxane-d8	0.461	0.529	0.010	14.7017	40.0
Naphthalene	1.001	1.139	0.600	13.7497	30.0
1-Methylnaphthalene	0.650	0.730	0.300	12.3257	30.0
2-Methylnaphthalene	0.634	0.710	0.300	11.9742	30.0
Acenaphthylene	1.658	1.859	0.900	12.1452	30.0
Acenaphthene	1.210	1.380	0.500	14.084	30.0
Fluorene	1.365	1.526	0.700	11.7659	30.0
Pentachlorophenol	0.111	0.090	0.010	-18.3215	50.0
Phenanthrene	1.045	1.157	0.300	10.747	30.0
Anthracene	0.959	1.035	0.400	7.884	30.0
Fluoranthene	1.446	1.726	0.400	19.3274	30.0
Pyrene	1.542	1.798	0.500	16.5746	30.0
Benzo (a) anthracene	1.391	1.524	0.400	9.5245	30.0
Chrysene	1.493	1.687	0.400	13.0032	30.0
Benzo (b) fluoranthene	1.278	1.430	0.200	11.9383	30.0
Benzo (k) fluoranthene	1.402	1.604	0.200	14.4044	30.0
Benzo (a) pyrene	1.226	1.382	0.200	12.7904	30.0
Indeno (1,2,3-cd) pyrene	1.734	1.956	0.200	12.7552	30.0
Dibenzo (a,h) anthracene	1.348	1.513	0.200	12.2902	30.0
Benzo (g,h,i) perylene	1.395	1.575	0.200	12.895	30.0
Fluoranthene-d10	1.135	1.335	0.400	17.6417	30.0
2-Methylnaphthalene-d10	0.538	0.610	0.300	13.5537	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.: BM121924 SAS No.: BM121924 SDG No.: BM121924

Instrument ID: BNA_M Calibration Date/Time: 12/19/2024 : 20:17

Lab File ID: BM049078.D Init. Calib. Date(s): _____

EPA Sample No.: SSTD0.4116 Init. Calib. Time(s): _____

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

COMPOUND	RRF	RRFCAL	MIN RRF	%D	MAX%D
1,4-Dioxane	0.539	0.588	0.010	9.1197	40.0
1,4-Dioxane-d8	0.461	0.551	0.010	19.5142	40.0
Naphthalene	1.001	1.153	0.600	15.1315	30.0
1-Methylnaphthalene	0.650	0.722	0.300	11.1979	30.0
2-Methylnaphthalene	0.634	0.708	0.300	11.5707	30.0
Acenaphthylene	1.658	1.886	0.900	13.7875	30.0
Acenaphthene	1.210	1.411	0.500	16.5976	30.0
Fluorene	1.365	1.576	0.700	15.4726	30.0
Pentachlorophenol	0.111	0.086	0.010	-21.8619	50.0
Phenanthrene	1.045	1.171	0.300	12.082	30.0
Anthracene	0.959	1.054	0.400	9.8831	30.0
Fluoranthene	1.446	1.774	0.400	22.6747	30.0
Pyrene	1.542	1.841	0.500	19.3852	30.0
Benzo (a) anthracene	1.391	1.484	0.400	6.6807	30.0
Chrysene	1.493	1.697	0.400	13.6558	30.0
Benzo (b) fluoranthene	1.278	1.440	0.200	12.658	30.0
Benzo (k) fluoranthene	1.402	1.721	0.200	22.7462	30.0
Benzo (a) pyrene	1.226	1.391	0.200	13.4729	30.0
Indeno (1,2,3-cd) pyrene	1.734	1.941	0.200	11.9085	30.0
Dibenzo (a,h) anthracene	1.348	1.498	0.200	11.1642	30.0
Benzo (g,h,i) perylene	1.395	1.559	0.200	11.7927	30.0
Fluoranthene-d10	1.135	1.369	0.400	20.5944	30.0
2-Methylnaphthalene-d10	0.538	0.606	0.300	12.704	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.: BM121924 SAS No.: BM121924 SDG No.: BM121924

Instrument ID: BNA_M Calibration Date/Time: 12/20/2024 : 04:40

Lab File ID: BM049091.D Init. Calib. Date(s): _____

EPA Sample No.: SSTD0.4117 Init. Calib. Time(s): _____

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

COMPOUND	RRF	RRFCAL	MIN RRF	%D	MAX%D
1,4-Dioxane	0.539	0.595	0.010	10.3591	50.0
1,4-Dioxane-d8	0.461	0.571	0.010	23.8337	50.0
Naphthalene	1.001	1.156	0.600	15.4029	50.0
1-Methylnaphthalene	0.650	0.729	0.300	12.1578	50.0
2-Methylnaphthalene	0.634	0.710	0.300	11.9557	50.0
Acenaphthylene	1.658	1.865	0.900	12.5047	50.0
Acenaphthene	1.210	1.403	0.500	15.932	50.0
Fluorene	1.365	1.572	0.700	15.1454	50.0
Pentachlorophenol	0.111	0.092	0.010	-16.5254	50.0
Phenanthrene	1.045	1.182	0.300	13.0938	50.0
Anthracene	0.959	1.056	0.400	10.1099	50.0
Fluoranthene	1.446	1.764	0.400	21.9661	50.0
Pyrene	1.542	1.823	0.500	18.2201	50.0
Benzo (a) anthracene	1.391	1.466	0.400	5.3412	50.0
Chrysene	1.493	1.698	0.400	13.7243	50.0
Benzo (b) fluoranthene	1.278	1.433	0.200	12.1239	50.0
Benzo (k) fluoranthene	1.402	1.736	0.200	23.7872	50.0
Benzo (a) pyrene	1.226	1.401	0.200	14.3199	50.0
Indeno (1,2,3-cd) pyrene	1.734	2.013	0.200	16.0807	50.0
Dibenzo (a,h) anthracene	1.348	1.546	0.200	14.7324	50.0
Benzo (g,h,i) perylene	1.395	1.594	0.200	14.3178	50.0
Fluoranthene-d10	1.135	1.360	0.400	19.7957	50.0
2-Methylnaphthalene-d10	0.538	0.598	0.300	11.1845	50.0

All other compounds must meet a minimum RRF of 0.010.

Report of Analysis

Client:		Date Collected:	12/16/2024 12:00:00 AM
Project:		Date Received:	12/16/2024 12:00:00 AM
Client Sample ID:	SBLK663	SDG No.:	BM121924
Lab Sample ID:	PB165663BL	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
BM049062.D	1	12/16/2024 12:00:00 AM	12/19/2024 12:00:00 AM	PB165663

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	5.717		15-120		71	SPK: -8
93951-69-0	Fluoranthene-d10	0.332		30-130		83	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.3		20-140		75	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	5838	7.565				
1146-65-2	Naphthalene-d8	17225	10.326				
15067-26-2	Acenaphthene-d10	9080	14.201				

Report of Analysis

Client:		Date Collected:	12/16/2024 12:00:00 AM
Project:		Date Received:	12/16/2024 12:00:00 AM
Client Sample ID:	SBLK663	SDG No.:	BM121924
Lab Sample ID:	PB165663BL	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
BM049062.D	1	12/16/2024 12:00:00 AM	12/19/2024 12:00:00 AM	PB165663

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	19881	16.947				
1719-03-5	Chrysene-d12	14541	21.149				
1520-96-3	Perylene-d12	14824	23.306				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	0.89	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	12/9/2024 12:00:00 AM
Project:		Date Received:	12/9/2024 12:00:00 AM
Client Sample ID:	E2AN9	SDG No.:	BM121924
Lab Sample ID:	P5226-01	Matrix:	Solid
Analytical Method:	SFAM_SVOASIM	% Moisture:	15.2
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
BM049063.D	1	12/16/2024 12:00:00 AM	12/19/2024 12:00:00 AM	PB165663

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	0.24	U	0.24	0.97	3.9	ug/Kg
90-12-0	1-Methylnaphthalene	0.61	U	0.61	0.97	3.9	ug/Kg
91-57-6	2-Methylnaphthalene	0.22	U	0.22	0.97	3.9	ug/Kg
208-96-8	Acenaphthylene	0.39	U	0.39	0.97	3.9	ug/Kg
83-32-9	Acenaphthene	0.21	U	0.21	0.97	3.9	ug/Kg
86-73-7	Fluorene	0.26	U	0.26	0.97	3.9	ug/Kg
87-86-5	Pentachlorophenol	2.4	U	2.4	2	7.9	ug/Kg
85-01-8	Phenanthrene	0.21	U	0.21	0.97	3.9	ug/Kg
120-12-7	Anthracene	0.2	U	0.2	0.97	3.9	ug/Kg
206-44-0	Fluoranthene	0.21	U	0.21	0.97	3.9	ug/Kg
129-00-0	Pyrene	0.28	U	0.28	0.97	3.9	ug/Kg
56-55-3	Benzo(a)anthracene	0.11	U	0.11	0.97	3.9	ug/Kg
218-01-9	Chrysene	0.29	U	0.29	0.97	3.9	ug/Kg
205-99-2	Benzo(b)fluoranthene	0.55	U	0.55	0.97	3.9	ug/Kg
207-08-9	Benzo(k)fluoranthene	0.38	U	0.38	0.97	3.9	ug/Kg
50-32-8	Benzo(a)pyrene	0.38	U	0.38	0.97	3.9	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	0.61	U	0.61	0.97	3.9	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	0.55	U	0.55	0.97	3.9	ug/Kg
191-24-2	Benzo(g,h,i)perylene	0.88	U	0.88	0.97	3.9	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	3.434		15-120		43	SPK: -8
93951-69-0	Fluoranthene-d10	0.251		30-130		63	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.209		20-140		52	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	5760		7.565			
1146-65-2	Naphthalene-d8	17131		10.325			
15067-26-2	Acenaphthene-d10	9288		14.2			

Report of Analysis

Client:		Date Collected:	12/9/2024 12:00:00 AM
Project:		Date Received:	12/9/2024 12:00:00 AM
Client Sample ID:	E2AN9	SDG No.:	BM121924
Lab Sample ID:	P5226-01	Matrix:	Solid
Analytical Method:	SFAM_SVOASIM	% Moisture:	15.2
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
BM049063.D	1	12/16/2024 12:00:00 AM	12/19/2024 12:00:00 AM	PB165663

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	20539	16.946				
1719-03-5	Chrysene-d12	15725	21.146				
1520-96-3	Perylene-d12	15168	23.303				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	1	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	12/9/2024 12:00:00 AM
Project:		Date Received:	12/9/2024 12:00:00 AM
Client Sample ID:	E2AP0	SDG No.:	BM121924
Lab Sample ID:	P5226-02	Matrix:	Solid
Analytical Method:	SFAM_SVOASIM	% Moisture:	9.5
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
BM049064.D	1	12/16/2024 12:00:00 AM	12/19/2024 12:00:00 AM	PB165663

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	0.98	U	0.98	0	7.4	ug/Kg
91-20-3	Naphthalene	0.22	U	0.22	0.91	3.6	ug/Kg
90-12-0	1-Methylnaphthalene	0.57	U	0.57	0.91	3.6	ug/Kg
91-57-6	2-Methylnaphthalene	0.21	U	0.21	0.91	3.6	ug/Kg
208-96-8	Acenaphthylene	0.36	U	0.36	0.91	3.6	ug/Kg
83-32-9	Acenaphthene	0.2	U	0.2	0.91	3.6	ug/Kg
86-73-7	Fluorene	0.24	U	0.24	0.91	3.6	ug/Kg
87-86-5	Pentachlorophenol	2.2	U	2.2	1.8	7.4	ug/Kg
85-01-8	Phenanthrene	0.2	U	0.2	0.91	3.6	ug/Kg
120-12-7	Anthracene	0.19	U	0.19	0.91	3.6	ug/Kg
206-44-0	Fluoranthene	0.2	U	0.2	0.91	3.6	ug/Kg
129-00-0	Pyrene	0.26	U	0.26	0.91	3.6	ug/Kg
56-55-3	Benzo(a)anthracene	0.1	U	0.1	0.91	3.6	ug/Kg
218-01-9	Chrysene	0.28	U	0.28	0.91	3.6	ug/Kg
205-99-2	Benzo(b)fluoranthene	0.52	U	0.52	0.91	3.6	ug/Kg
207-08-9	Benzo(k)fluoranthene	0.35	U	0.35	0.91	3.6	ug/Kg
50-32-8	Benzo(a)pyrene	0.35	U	0.35	0.91	3.6	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	0.57	U	0.57	0.91	3.6	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	0.52	U	0.52	0.91	3.6	ug/Kg
191-24-2	Benzo(g,h,i)perylene	0.83	U	0.83	0.91	3.6	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	4.118		15-120		51	SPK: -8
93951-69-0	Fluoranthene-d10	0.257		30-130		64	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	5978		7.564			
1146-65-2	Naphthalene-d8	17623		10.325			
15067-26-2	Acenaphthene-d10	9623		14.2			

Report of Analysis

Client:		Date Collected:	12/9/2024 12:00:00 AM
Project:		Date Received:	12/9/2024 12:00:00 AM
Client Sample ID:	E2AP0	SDG No.:	BM121924
Lab Sample ID:	P5226-02	Matrix:	Solid
Analytical Method:	SFAM_SVOASIM	% Moisture:	9.5
Sample Wt/Vol:	30.1 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM049064.D	1	12/16/2024 12:00:00 AM	12/19/2024 12:00:00 AM	PB165663

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	21016	16.946				
1719-03-5	Chrysene-d12	15964	21.146				
1520-96-3	Perylene-d12	15141	23.303				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	0.98	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	12/9/2024 12:00:00 AM
Project:		Date Received:	12/9/2024 12:00:00 AM
Client Sample ID:	E2AP1	SDG No.:	BM121924
Lab Sample ID:	P5226-03	Matrix:	Solid
Analytical Method:	SFAM_SVOASIM	% Moisture:	9.6
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
BM049065.D	1	12/16/2024 12:00:00 AM	12/19/2024 12:00:00 AM	PB165663

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	0.98	U	0.98	0	7.4	ug/Kg
91-20-3	Naphthalene	0.22	U	0.22	0.91	3.6	ug/Kg
90-12-0	1-Methylnaphthalene	0.57	U	0.57	0.91	3.6	ug/Kg
91-57-6	2-Methylnaphthalene	0.21	U	0.21	0.91	3.6	ug/Kg
208-96-8	Acenaphthylene	0.36	U	0.36	0.91	3.6	ug/Kg
83-32-9	Acenaphthene	0.2	U	0.2	0.91	3.6	ug/Kg
86-73-7	Fluorene	0.24	U	0.24	0.91	3.6	ug/Kg
87-86-5	Pentachlorophenol	2.2	U	2.2	1.8	7.4	ug/Kg
85-01-8	Phenanthrene	0.2	U	0.2	0.91	3.6	ug/Kg
120-12-7	Anthracene	0.19	U	0.19	0.91	3.6	ug/Kg
206-44-0	Fluoranthene	0.2	U	0.2	0.91	3.6	ug/Kg
129-00-0	Pyrene	0.26	U	0.26	0.91	3.6	ug/Kg
56-55-3	Benzo(a)anthracene	0.1	U	0.1	0.91	3.6	ug/Kg
218-01-9	Chrysene	0.28	U	0.28	0.91	3.6	ug/Kg
205-99-2	Benzo(b)fluoranthene	0.52	U	0.52	0.91	3.6	ug/Kg
207-08-9	Benzo(k)fluoranthene	0.35	U	0.35	0.91	3.6	ug/Kg
50-32-8	Benzo(a)pyrene	0.35	U	0.35	0.91	3.6	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	0.57	U	0.57	0.91	3.6	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	0.52	U	0.52	0.91	3.6	ug/Kg
191-24-2	Benzo(g,h,i)perylene	0.83	U	0.83	0.91	3.6	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	2.559		15-120		32	SPK: -8
93951-69-0	Fluoranthene-d10	0.149		30-130		37	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.152		20-140		38	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	7408		7.565			
1146-65-2	Naphthalene-d8	21897		10.326			
15067-26-2	Acenaphthene-d10	11938		14.197			

Report of Analysis

Client:		Date Collected:	12/9/2024 12:00:00 AM
Project:		Date Received:	12/9/2024 12:00:00 AM
Client Sample ID:	E2AP1	SDG No.:	BM121924
Lab Sample ID:	P5226-03	Matrix:	Solid
Analytical Method:	SFAM_SVOASIM	% Moisture:	9.6
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
BM049065.D	1	12/16/2024 12:00:00 AM	12/19/2024 12:00:00 AM	PB165663

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	25900	16.947				
1719-03-5	Chrysene-d12	20729	21.146				
1520-96-3	Perylene-d12	20317	23.302				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	0.98	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	12/9/2024 12:00:00 AM
Project:		Date Received:	12/9/2024 12:00:00 AM
Client Sample ID:	E2AP2	SDG No.:	BM121924
Lab Sample ID:	P5226-04	Matrix:	Solid
Analytical Method:	SFAM_SVOASIM	% Moisture:	17.7
Sample Wt/Vol:	30.1	Units:	g
Soil Aliquot Vol:		Final Vol:	500
		Test:	
Extraction Type :		Decanted :	Level :
Injection Volume :		GPC Factor :	LOW
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM049066.D	1	12/16/2024 12:00:00 AM	12/19/2024 12:00:00 AM	PB165663

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	1.1	U	1.1	0	8.1	ug/Kg
91-20-3	Naphthalene	0.24	U	0.24	1	4	ug/Kg
90-12-0	1-Methylnaphthalene	0.63	U	0.63	1	4	ug/Kg
91-57-6	2-Methylnaphthalene	0.23	U	0.23	1	4	ug/Kg
208-96-8	Acenaphthylene	0.4	U	0.4	1	4	ug/Kg
83-32-9	Acenaphthene	0.22	U	0.22	1	4	ug/Kg
86-73-7	Fluorene	0.27	U	0.27	1	4	ug/Kg
87-86-5	Pentachlorophenol	2.4	U	2.4	2	8.1	ug/Kg
85-01-8	Phenanthrene	0.22	U	0.22	1	4	ug/Kg
120-12-7	Anthracene	0.21	U	0.21	1	4	ug/Kg
206-44-0	Fluoranthene	1.5	J	0.22	1	4	ug/Kg
129-00-0	Pyrene	1.2	J	0.29	1	4	ug/Kg
56-55-3	Benzo(a)anthracene	0.11	U	0.11	1	4	ug/Kg
218-01-9	Chrysene	0.3	U	0.3	1	4	ug/Kg
205-99-2	Benzo(b)fluoranthene	0.57	U	0.57	1	4	ug/Kg
207-08-9	Benzo(k)fluoranthene	0.39	U	0.39	1	4	ug/Kg
50-32-8	Benzo(a)pyrene	0.39	U	0.39	1	4	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	0.63	U	0.63	1	4	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	0.57	U	0.57	1	4	ug/Kg
191-24-2	Benzo(g,h,i)perylene	0.91	U	0.91	1	4	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	3.161		15-120		40	SPK: -8
93951-69-0	Fluoranthene-d10	0.22		30-130		55	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.166		20-140		41	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	5910		7.565			
1146-65-2	Naphthalene-d8	17566		10.325			
15067-26-2	Acenaphthene-d10	9623		14.2			

Report of Analysis

Client:		Date Collected:	12/9/2024 12:00:00 AM
Project:		Date Received:	12/9/2024 12:00:00 AM
Client Sample ID:	E2AP2	SDG No.:	BM121924
Lab Sample ID:	P5226-04	Matrix:	Solid
Analytical Method:	SFAM_SVOASIM	% Moisture:	17.7
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
BM049066.D	1	12/16/2024 12:00:00 AM	12/19/2024 12:00:00 AM	PB165663

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	21110	16.946				
1719-03-5	Chrysene-d12	16083	21.149				
1520-96-3	Perylene-d12	15447	23.303				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	1.1	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	12/9/2024 12:00:00 AM
Project:		Date Received:	12/9/2024 12:00:00 AM
Client Sample ID:	E2AP3	SDG No.:	BM121924
Lab Sample ID:	P5226-05	Matrix:	Solid
Analytical Method:	SFAM_SVOASIM	% Moisture:	6.9
Sample Wt/Vol:	30	Units:	g
Soil Aliquot Vol:		Final Vol:	500
		Test:	
Extraction Type :		Decanted :	Level :
Injection Volume :		GPC Factor :	LOW
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM049067.D	1	12/16/2024 12:00:00 AM	12/19/2024 12:00:00 AM	PB165663

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	0.21	U	0.21	0.89	3.5	ug/Kg
90-12-0	1-Methylnaphthalene	0.56	U	0.56	0.89	3.5	ug/Kg
91-57-6	2-Methylnaphthalene	0.2	U	0.2	0.89	3.5	ug/Kg
208-96-8	Acenaphthylene	0.35	U	0.35	0.89	3.5	ug/Kg
83-32-9	Acenaphthene	0.19	U	0.19	0.89	3.5	ug/Kg
86-73-7	Fluorene	0.24	U	0.24	0.89	3.5	ug/Kg
87-86-5	Pentachlorophenol	2.1	U	2.1	1.8	7.2	ug/Kg
85-01-8	Phenanthrene	0.19	U	0.19	0.89	3.5	ug/Kg
120-12-7	Anthracene	0.18	U	0.18	0.89	3.5	ug/Kg
206-44-0	Fluoranthene	0.19	U	0.19	0.89	3.5	ug/Kg
129-00-0	Pyrene	0.26	U	0.26	0.89	3.5	ug/Kg
56-55-3	Benzo(a)anthracene	0.1	U	0.1	0.89	3.5	ug/Kg
218-01-9	Chrysene	0.27	U	0.27	0.89	3.5	ug/Kg
205-99-2	Benzo(b)fluoranthene	0.5	U	0.5	0.89	3.5	ug/Kg
207-08-9	Benzo(k)fluoranthene	0.34	U	0.34	0.89	3.5	ug/Kg
50-32-8	Benzo(a)pyrene	0.34	U	0.34	0.89	3.5	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	0.56	U	0.56	0.89	3.5	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	0.5	U	0.5	0.89	3.5	ug/Kg
191-24-2	Benzo(g,h,i)perylene	0.81	U	0.81	0.89	3.5	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	2.914		15-120		36	SPK: -8
93951-69-0	Fluoranthene-d10	0.18		30-130		45	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.174		20-140		43	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	6023		7.565			
1146-65-2	Naphthalene-d8	17472		10.325			
15067-26-2	Acenaphthene-d10	9558		14.2			

Report of Analysis

Client:		Date Collected:	12/9/2024 12:00:00 AM
Project:		Date Received:	12/9/2024 12:00:00 AM
Client Sample ID:	E2AP3	SDG No.:	BM121924
Lab Sample ID:	P5226-05	Matrix:	Solid
Analytical Method:	SFAM_SVOASIM	% Moisture:	6.9
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
BM049067.D	1	12/16/2024 12:00:00 AM	12/19/2024 12:00:00 AM	PB165663

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	20639	16.946				
1719-03-5	Chrysene-d12	16209	21.146				
1520-96-3	Perylene-d12	15969	23.303				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	0.96	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	12/9/2024 12:00:00 AM
Project:		Date Received:	12/9/2024 12:00:00 AM
Client Sample ID:	E2AP4	SDG No.:	BM121924
Lab Sample ID:	P5226-06	Matrix:	Solid
Analytical Method:	SFAM_SVOASIM	% Moisture:	9.5
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
BM049068.D	1	12/16/2024 12:00:00 AM	12/19/2024 12:00:00 AM	PB165663

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	0.98	U	0.98	0	7.4	ug/Kg
91-20-3	Naphthalene	0.22	U	0.22	0.91	3.6	ug/Kg
90-12-0	1-Methylnaphthalene	0.57	U	0.57	0.91	3.6	ug/Kg
91-57-6	2-Methylnaphthalene	0.21	U	0.21	0.91	3.6	ug/Kg
208-96-8	Acenaphthylene	0.36	U	0.36	0.91	3.6	ug/Kg
83-32-9	Acenaphthene	0.2	U	0.2	0.91	3.6	ug/Kg
86-73-7	Fluorene	0.24	U	0.24	0.91	3.6	ug/Kg
87-86-5	Pentachlorophenol	2.2	U	2.2	1.8	7.4	ug/Kg
85-01-8	Phenanthrene	0.77	J	0.2	0.91	3.6	ug/Kg
120-12-7	Anthracene	0.19	U	0.19	0.91	3.6	ug/Kg
206-44-0	Fluoranthene	0.2	U	0.2	0.91	3.6	ug/Kg
129-00-0	Pyrene	0.26	U	0.26	0.91	3.6	ug/Kg
56-55-3	Benzo(a)anthracene	0.1	U	0.1	0.91	3.6	ug/Kg
218-01-9	Chrysene	0.28	U	0.28	0.91	3.6	ug/Kg
205-99-2	Benzo(b)fluoranthene	0.52	U	0.52	0.91	3.6	ug/Kg
207-08-9	Benzo(k)fluoranthene	0.35	U	0.35	0.91	3.6	ug/Kg
50-32-8	Benzo(a)pyrene	0.35	U	0.35	0.91	3.6	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	0.57	U	0.57	0.91	3.6	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	0.52	U	0.52	0.91	3.6	ug/Kg
191-24-2	Benzo(g,h,i)perylene	0.83	U	0.83	0.91	3.6	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	3.206		15-120		40	SPK: -8
93951-69-0	Fluoranthene-d10	0.197		30-130		49	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	6109		7.565			
1146-65-2	Naphthalene-d8	18304		10.326			
15067-26-2	Acenaphthene-d10	9976		14.197			

Report of Analysis

Client:		Date Collected:	12/9/2024 12:00:00 AM
Project:		Date Received:	12/9/2024 12:00:00 AM
Client Sample ID:	E2AP4	SDG No.:	BM121924
Lab Sample ID:	P5226-06	Matrix:	Solid
Analytical Method:	SFAM_SVOASIM	% Moisture:	9.5
Sample Wt/Vol:	30.1 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM049068.D	1	12/16/2024 12:00:00 AM	12/19/2024 12:00:00 AM	PB165663

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	21884	16.947				
1719-03-5	Chrysene-d12	17359	21.149				
1520-96-3	Perylene-d12	16580	23.305				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	0.98	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	12/10/2024 12:00:00 AM
Project:		Date Received:	12/10/2024 12:00:00 AM
Client Sample ID:	E2AQ4	SDG No.:	BM121924
Lab Sample ID:	P5226-19	Matrix:	Solid
Analytical Method:	SFAM_SVOASIM	% Moisture:	14.6
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
BM049069.D	1	12/16/2024 12:00:00 AM	12/19/2024 12:00:00 AM	PB165663

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	1	U	1	0	7.8	ug/Kg
91-20-3	Naphthalene	0.23	U	0.23	0.96	3.9	ug/Kg
90-12-0	1-Methylnaphthalene	0.61	U	0.61	0.96	3.9	ug/Kg
91-57-6	2-Methylnaphthalene	0.22	U	0.22	0.96	3.9	ug/Kg
208-96-8	Acenaphthylene	1.6	J	0.39	0.96	3.9	ug/Kg
83-32-9	Acenaphthene	0.21	U	0.21	0.96	3.9	ug/Kg
86-73-7	Fluorene	0.26	U	0.26	0.96	3.9	ug/Kg
87-86-5	Pentachlorophenol	2.3	U	2.3	2	7.8	ug/Kg
85-01-8	Phenanthrene	0.21	U	0.21	0.96	3.9	ug/Kg
120-12-7	Anthracene	0.2	U	0.2	0.96	3.9	ug/Kg
206-44-0	Fluoranthene	1.9	J	0.21	0.96	3.9	ug/Kg
129-00-0	Pyrene	2	J	0.28	0.96	3.9	ug/Kg
56-55-3	Benzo(a)anthracene	1.9	J	0.11	0.96	3.9	ug/Kg
218-01-9	Chrysene	1.6	J	0.29	0.96	3.9	ug/Kg
205-99-2	Benzo(b)fluoranthene	3.5	J	0.55	0.96	3.9	ug/Kg
207-08-9	Benzo(k)fluoranthene	1.5	J	0.37	0.96	3.9	ug/Kg
50-32-8	Benzo(a)pyrene	2.5	J	0.37	0.96	3.9	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	1.4	J	0.61	0.96	3.9	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	0.55	U	0.55	0.96	3.9	ug/Kg
191-24-2	Benzo(g,h,i)perylene	1.8	J	0.88	0.96	3.9	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	3.395		15-120		42	SPK: -8
93951-69-0	Fluoranthene-d10	0.194		30-130		49	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.2		20-140		50	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	6594		7.564			
1146-65-2	Naphthalene-d8	19499		10.326			
15067-26-2	Acenaphthene-d10	10386		14.197			

Report of Analysis

Client:		Date Collected:	12/10/2024 12:00:00 AM
Project:		Date Received:	12/10/2024 12:00:00 AM
Client Sample ID:	E2AQ4	SDG No.:	BM121924
Lab Sample ID:	P5226-19	Matrix:	Solid
Analytical Method:	SFAM_SVOASIM	% Moisture:	14.6
Sample Wt/Vol:	30.1 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM049069.D	1	12/16/2024 12:00:00 AM	12/19/2024 12:00:00 AM	PB165663

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	22878	16.947				
1719-03-5	Chrysene-d12	17243	21.146				
1520-96-3	Perylene-d12	16606	23.302				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	1	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	12/9/2024 12:00:00 AM
Project:		Date Received:	12/9/2024 12:00:00 AM
Client Sample ID:	E2AP6	SDG No.:	BM121924
Lab Sample ID:	P5226-08	Matrix:	Solid
Analytical Method:	SFAM_SVOASIM	% Moisture:	7.2
Sample Wt/Vol:	30.1	Units:	g
Soil Aliquot Vol:		Final Vol:	500
			uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM049070.D	1	12/16/2024 12:00:00 AM	12/19/2024 12:00:00 AM	PB165663

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	0.21	U	0.21	0.89	3.5	ug/Kg
90-12-0	1-Methylnaphthalene	0.56	U	0.56	0.89	3.5	ug/Kg
91-57-6	2-Methylnaphthalene	0.2	U	0.2	0.89	3.5	ug/Kg
208-96-8	Acenaphthylene	2.1	J	0.35	0.89	3.5	ug/Kg
83-32-9	Acenaphthene	0.19	U	0.19	0.89	3.5	ug/Kg
86-73-7	Fluorene	0.24	U	0.24	0.89	3.5	ug/Kg
87-86-5	Pentachlorophenol	2.1	U	2.1	1.8	7.2	ug/Kg
85-01-8	Phenanthrene	0.19	U	0.19	0.89	3.5	ug/Kg
120-12-7	Anthracene	0.18	U	0.18	0.89	3.5	ug/Kg
206-44-0	Fluoranthene	2.1	J	0.19	0.89	3.5	ug/Kg
129-00-0	Pyrene	1.8	J	0.26	0.89	3.5	ug/Kg
56-55-3	Benzo(a)anthracene	1.5	J	0.1	0.89	3.5	ug/Kg
218-01-9	Chrysene	1.9	J	0.27	0.89	3.5	ug/Kg
205-99-2	Benzo(b)fluoranthene	5		0.5	0.89	3.5	ug/Kg
207-08-9	Benzo(k)fluoranthene	1.9	J	0.34	0.89	3.5	ug/Kg
50-32-8	Benzo(a)pyrene	3.4	J	0.34	0.89	3.5	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	2.5	J	0.56	0.89	3.5	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	0.5	U	0.5	0.89	3.5	ug/Kg
191-24-2	Benzo(g,h,i)perylene	3.4	J	0.81	0.89	3.5	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	3.035		15-120		38	SPK: -8
93951-69-0	Fluoranthene-d10	0.228		30-130		57	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	6731		7.564			
1146-65-2	Naphthalene-d8	20111		10.326			
15067-26-2	Acenaphthene-d10	10787		14.197			

Report of Analysis

Client:		Date Collected:	12/9/2024 12:00:00 AM
Project:		Date Received:	12/9/2024 12:00:00 AM
Client Sample ID:	E2AP6	SDG No.:	BM121924
Lab Sample ID:	P5226-08	Matrix:	Solid
Analytical Method:	SFAM_SVOASIM	% Moisture:	7.2
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
BM049070.D	1	12/16/2024 12:00:00 AM	12/19/2024 12:00:00 AM	PB165663

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	23428	16.947				
1719-03-5	Chrysene-d12	17283	21.149				
1520-96-3	Perylene-d12	17079	23.305				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	0.96	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	12/10/2024 12:00:00 AM
Project:		Date Received:	12/10/2024 12:00:00 AM
Client Sample ID:	E2AR4	SDG No.:	BM121924
Lab Sample ID:	P5226-24	Matrix:	Solid
Analytical Method:	SFAM_SVOASIM	% Moisture:	12.3
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
BM049071.D	1	12/16/2024 12:00:00 AM	12/19/2024 12:00:00 AM	PB165663

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	0.94	3.8	ug/Kg
90-12-0	1-Methylnaphthalene	0.59	U	0.59	0.94	3.8	ug/Kg
91-57-6	2-Methylnaphthalene	0.22	U	0.22	0.94	3.8	ug/Kg
208-96-8	Acenaphthylene	0.38	U	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	0.25	U	0.25	0.94	3.8	ug/Kg
87-86-5	Pentachlorophenol	2.3	U	2.3	1.9	7.6	ug/Kg
85-01-8	Phenanthrene	0.21	U	0.21	0.94	3.8	ug/Kg
120-12-7	Anthracene	0.19	U	0.19	0.94	3.8	ug/Kg
206-44-0	Fluoranthene	0.21	U	0.21	0.94	3.8	ug/Kg
129-00-0	Pyrene	0.27	U	0.27	0.94	3.8	ug/Kg
56-55-3	Benzo(a)anthracene	0.11	U	0.11	0.94	3.8	ug/Kg
218-01-9	Chrysene	0.29	U	0.29	0.94	3.8	ug/Kg
205-99-2	Benzo(b)fluoranthene	0.54	U	0.54	0.94	3.8	ug/Kg
207-08-9	Benzo(k)fluoranthene	0.36	U	0.36	0.94	3.8	ug/Kg
50-32-8	Benzo(a)pyrene	0.36	U	0.36	0.94	3.8	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	0.59	U	0.59	0.94	3.8	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	0.54	U	0.54	0.94	3.8	ug/Kg
191-24-2	Benzo(g,h,i)perylene	0.86	U	0.86	0.94	3.8	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	3.108		15-120		39	SPK: -8
93951-69-0	Fluoranthene-d10	0.216		30-130		54	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.196		20-140		49	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	6080		7.565			
1146-65-2	Naphthalene-d8	17919		10.326			
15067-26-2	Acenaphthene-d10	9782		14.197			

Report of Analysis

Client:		Date Collected:	12/10/2024 12:00:00 AM
Project:		Date Received:	12/10/2024 12:00:00 AM
Client Sample ID:	E2AR4	SDG No.:	BM121924
Lab Sample ID:	P5226-24	Matrix:	Solid
Analytical Method:	SFAM_SVOASIM	% Moisture:	12.3
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
BM049071.D	1	12/16/2024 12:00:00 AM	12/19/2024 12:00:00 AM	PB165663

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	21021	16.947				
1719-03-5	Chrysene-d12	15318	21.149				
1520-96-3	Perylene-d12	14892	23.308				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	1	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	12/10/2024 12:00:00 AM
Project:		Date Received:	12/10/2024 12:00:00 AM
Client Sample ID:	E2AR4MS	SDG No.:	BM121924
Lab Sample ID:	P5226-25MS	Matrix:	Solid
Analytical Method:	SFAM_SVOASIM	% Moisture:	12.3
Sample Wt/Vol:	30.08	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
BM049072.D	1	12/16/2024 12:00:00 AM	12/19/2024 12:00:00 AM	PB165663

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	34		1	0	7.6	ug/Kg
91-20-3	Naphthalene	8.8		0.23	0.94	3.8	ug/Kg
90-12-0	1-Methylnaphthalene	8.5		0.59	0.94	3.8	ug/Kg
91-57-6	2-Methylnaphthalene	8.7		0.22	0.94	3.8	ug/Kg
208-96-8	Acenaphthylene	8.7		0.38	0.94	3.8	ug/Kg
83-32-9	Acenaphthene	9		0.2	0.94	3.8	ug/Kg
86-73-7	Fluorene	9.1		0.25	0.94	3.8	ug/Kg
87-86-5	Pentachlorophenol	2.3	U	2.3	1.9	7.6	ug/Kg
85-01-8	Phenanthrene	9.6		0.2	0.94	3.8	ug/Kg
120-12-7	Anthracene	9.1		0.19	0.94	3.8	ug/Kg
206-44-0	Fluoranthene	10		0.2	0.94	3.8	ug/Kg
129-00-0	Pyrene	10		0.27	0.94	3.8	ug/Kg
56-55-3	Benzo(a)anthracene	9.8		0.11	0.94	3.8	ug/Kg
218-01-9	Chrysene	10		0.28	0.94	3.8	ug/Kg
205-99-2	Benzo(b)fluoranthene	10		0.53	0.94	3.8	ug/Kg
207-08-9	Benzo(k)fluoranthene	11		0.36	0.94	3.8	ug/Kg
50-32-8	Benzo(a)pyrene	9.6		0.36	0.94	3.8	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	9.6		0.59	0.94	3.8	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	9.6		0.53	0.94	3.8	ug/Kg
191-24-2	Benzo(g,h,i)perylene	9.7		0.85	0.94	3.8	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	0.357		15-120		45	SPK: -0.8
93951-69-0	Fluoranthene-d10	0.277		30-130		69	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	5914		7.565			
1146-65-2	Naphthalene-d8	17617		10.326			
15067-26-2	Acenaphthene-d10	10009		14.197			

Report of Analysis

Client:		Date Collected:	12/10/2024 12:00:00 AM
Project:		Date Received:	12/10/2024 12:00:00 AM
Client Sample ID:	E2AR4MS	SDG No.:	BM121924
Lab Sample ID:	P5226-25MS	Matrix:	Solid
Analytical Method:	SFAM_SVOASIM	% Moisture:	12.3
Sample Wt/Vol:	30.08 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
BM049072.D	1	12/16/2024 12:00:00 AM	12/19/2024 12:00:00 AM	PB165663

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	20533	16.947				
1719-03-5	Chrysene-d12	16277	21.146				
1520-96-3	Perylene-d12	17274	23.302				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	1	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	12/10/2024 12:00:00 AM
Project:		Date Received:	12/10/2024 12:00:00 AM
Client Sample ID:	E2AR4MSD	SDG No.:	BM121924
Lab Sample ID:	P5226-26MSD	Matrix:	Solid
Analytical Method:	SFAM_SVOASIM	% Moisture:	12.3
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
BM049073.D	1	12/16/2024 12:00:00 AM	12/19/2024 12:00:00 AM	PB165663

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	39		1	0	7.6	ug/Kg
91-20-3	Naphthalene	9.8		0.23	0.94	3.8	ug/Kg
90-12-0	1-Methylnaphthalene	9.5		0.59	0.94	3.8	ug/Kg
91-57-6	2-Methylnaphthalene	9.7		0.22	0.94	3.8	ug/Kg
208-96-8	Acenaphthylene	9.7		0.38	0.94	3.8	ug/Kg
83-32-9	Acenaphthene	10		0.2	0.94	3.8	ug/Kg
86-73-7	Fluorene	10		0.25	0.94	3.8	ug/Kg
87-86-5	Pentachlorophenol	2.3	U	2.3	1.9	7.6	ug/Kg
85-01-8	Phenanthrene	11		0.2	0.94	3.8	ug/Kg
120-12-7	Anthracene	10		0.19	0.94	3.8	ug/Kg
206-44-0	Fluoranthene	12		0.2	0.94	3.8	ug/Kg
129-00-0	Pyrene	12		0.27	0.94	3.8	ug/Kg
56-55-3	Benzo(a)anthracene	11		0.11	0.94	3.8	ug/Kg
218-01-9	Chrysene	11		0.28	0.94	3.8	ug/Kg
205-99-2	Benzo(b)fluoranthene	12		0.53	0.94	3.8	ug/Kg
207-08-9	Benzo(k)fluoranthene	12		0.36	0.94	3.8	ug/Kg
50-32-8	Benzo(a)pyrene	11		0.36	0.94	3.8	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	11		0.59	0.94	3.8	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	11		0.53	0.94	3.8	ug/Kg
191-24-2	Benzo(g,h,i)perylene	11		0.85	0.94	3.8	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	0.403		15-120		50	SPK: -0.8
93951-69-0	Fluoranthene-d10	0.312		30-130		78	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.266		20-140		67	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	5323		7.565			
1146-65-2	Naphthalene-d8	16047		10.326			
15067-26-2	Acenaphthene-d10	9095		14.197			

Report of Analysis

Client:		Date Collected:	12/10/2024 12:00:00 AM
Project:		Date Received:	12/10/2024 12:00:00 AM
Client Sample ID:	E2AR4MSD	SDG No.:	BM121924
Lab Sample ID:	P5226-26MSD	Matrix:	Solid
Analytical Method:	SFAM_SVOASIM	% Moisture:	12.3
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
BM049073.D	1	12/16/2024 12:00:00 AM	12/19/2024 12:00:00 AM	PB165663

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	18815	16.947				
1719-03-5	Chrysene-d12	14699	21.146				
1520-96-3	Perylene-d12	15608	23.303				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	1	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	12/10/2024 12:00:00 AM
Project:		Date Received:	12/10/2024 12:00:00 AM
Client Sample ID:	E2AQ5	SDG No.:	BM121924
Lab Sample ID:	P5226-13	Matrix:	Solid
Analytical Method:	SFAM_SVOASIM	% Moisture:	9.9
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
BM049074.D	1	12/16/2024 12:00:00 AM	12/19/2024 12:00:00 AM	PB165663

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	0.98	U	0.98	0	7.4	ug/Kg
91-20-3	Naphthalene	0.22	U	0.22	0.91	3.7	ug/Kg
90-12-0	1-Methylnaphthalene	0.58	U	0.58	0.91	3.7	ug/Kg
91-57-6	2-Methylnaphthalene	0.21	U	0.21	0.91	3.7	ug/Kg
208-96-8	Acenaphthylene	0.37	U	0.37	0.91	3.7	ug/Kg
83-32-9	Acenaphthene	0.2	U	0.2	0.91	3.7	ug/Kg
86-73-7	Fluorene	0.24	U	0.24	0.91	3.7	ug/Kg
87-86-5	Pentachlorophenol	2.2	U	2.2	1.9	7.4	ug/Kg
85-01-8	Phenanthrene	0.2	U	0.2	0.91	3.7	ug/Kg
120-12-7	Anthracene	0.19	U	0.19	0.91	3.7	ug/Kg
206-44-0	Fluoranthene	0.2	U	0.2	0.91	3.7	ug/Kg
129-00-0	Pyrene	0.27	U	0.27	0.91	3.7	ug/Kg
56-55-3	Benzo(a)anthracene	0.1	U	0.1	0.91	3.7	ug/Kg
218-01-9	Chrysene	0.28	U	0.28	0.91	3.7	ug/Kg
205-99-2	Benzo(b)fluoranthene	0.52	U	0.52	0.91	3.7	ug/Kg
207-08-9	Benzo(k)fluoranthene	0.35	U	0.35	0.91	3.7	ug/Kg
50-32-8	Benzo(a)pyrene	0.35	U	0.35	0.91	3.7	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	0.58	U	0.58	0.91	3.7	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	0.52	U	0.52	0.91	3.7	ug/Kg
191-24-2	Benzo(g,h,i)perylene	0.83	U	0.83	0.91	3.7	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	3.46		15-120		43	SPK: -8
93951-69-0	Fluoranthene-d10	0.22		30-130		55	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.2		20-140		50	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	6482		7.565			
1146-65-2	Naphthalene-d8	18977		10.326			
15067-26-2	Acenaphthene-d10	10211		14.197			

Report of Analysis

Client:		Date Collected:	12/10/2024 12:00:00 AM
Project:		Date Received:	12/10/2024 12:00:00 AM
Client Sample ID:	E2AQ5	SDG No.:	BM121924
Lab Sample ID:	P5226-13	Matrix:	Solid
Analytical Method:	SFAM_SVOASIM	% Moisture:	9.9
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
BM049074.D	1	12/16/2024 12:00:00 AM	12/19/2024 12:00:00 AM	PB165663

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	21737	16.947				
1719-03-5	Chrysene-d12	16306	21.149				
1520-96-3	Perylene-d12	15789	23.306				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	0.98	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	12/10/2024 12:00:00 AM
Project:		Date Received:	12/10/2024 12:00:00 AM
Client Sample ID:	E2AQ6	SDG No.:	BM121924
Lab Sample ID:	P5226-20	Matrix:	Solid
Analytical Method:	SFAM_SVOASIM	% Moisture:	13.2
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
BM049075.D	1	12/16/2024 12:00:00 AM	12/19/2024 12:00:00 AM	PB165663

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	0.23	U	0.23	0.95	3.8	ug/Kg
90-12-0	1-Methylnaphthalene	0.6	U	0.6	0.95	3.8	ug/Kg
91-57-6	2-Methylnaphthalene	0.22	U	0.22	0.95	3.8	ug/Kg
208-96-8	Acenaphthylene	0.38	U	0.38	0.95	3.8	ug/Kg
83-32-9	Acenaphthene	0.21	U	0.21	0.95	3.8	ug/Kg
86-73-7	Fluorene	0.25	U	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	0.21	U	0.21	0.95	3.8	ug/Kg
120-12-7	Anthracene	0.2	U	0.2	0.95	3.8	ug/Kg
206-44-0	Fluoranthene	0.21	U	0.21	0.95	3.8	ug/Kg
129-00-0	Pyrene	0.28	U	0.28	0.95	3.8	ug/Kg
56-55-3	Benzo(a)anthracene	0.11	U	0.11	0.95	3.8	ug/Kg
218-01-9	Chrysene	1.7	J	0.29	0.95	3.8	ug/Kg
205-99-2	Benzo(b)fluoranthene	0.54	U	0.54	0.95	3.8	ug/Kg
207-08-9	Benzo(k)fluoranthene	0.37	U	0.37	0.95	3.8	ug/Kg
50-32-8	Benzo(a)pyrene	0.37	U	0.37	0.95	3.8	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	0.6	U	0.6	0.95	3.8	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	0.54	U	0.54	0.95	3.8	ug/Kg
191-24-2	Benzo(g,h,i)perylene	1.2	J	0.86	0.95	3.8	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	3.131		15-120		39	SPK: -8
93951-69-0	Fluoranthene-d10	0.172		30-130		43	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.189		20-140		47	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	6861		7.564			
1146-65-2	Naphthalene-d8	20211		10.325			
15067-26-2	Acenaphthene-d10	11167		14.2			

Report of Analysis

Client:		Date Collected:	12/10/2024 12:00:00 AM
Project:		Date Received:	12/10/2024 12:00:00 AM
Client Sample ID:	E2AQ6	SDG No.:	BM121924
Lab Sample ID:	P5226-20	Matrix:	Solid
Analytical Method:	SFAM_SVOASIM	% Moisture:	13.2
Sample Wt/Vol:	30	Units:	g
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
BM049075.D	1	12/16/2024 12:00:00 AM	12/19/2024 12:00:00 AM	PB165663

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	24490	16.946				
1719-03-5	Chrysene-d12	21113	21.146				
1520-96-3	Perylene-d12	19715	23.303				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	1	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	12/10/2024 12:00:00 AM
Project:		Date Received:	12/10/2024 12:00:00 AM
Client Sample ID:	E2AQ7	SDG No.:	BM121924
Lab Sample ID:	P5226-21	Matrix:	Solid
Analytical Method:	SFAM_SVOASIM	% Moisture:	20.9
Sample Wt/Vol:	30.1	Units:	g
Soil Aliquot Vol:		Final Vol:	500
		Test:	uL
Extraction Type :		Decanted :	Level :
			LOW
Injection Volume :		GPC Factor :	GPC Cleanup :
			PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM049076.D	1	12/16/2024 12:00:00 AM	12/19/2024 12:00:00 AM	PB165663

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	4.2	ug/Kg
90-12-0	1-Methylnaphthalene	0.66	U	0.66	1	4.2	ug/Kg
91-57-6	2-Methylnaphthalene	0.24	U	0.24	1	4.2	ug/Kg
208-96-8	Acenaphthylene	0.42	U	0.42	1	4.2	ug/Kg
83-32-9	Acenaphthene	0.23	U	0.23	1	4.2	ug/Kg
86-73-7	Fluorene	0.28	U	0.28	1	4.2	ug/Kg
87-86-5	Pentachlorophenol	2.5	U	2.5	2.1	8.4	ug/Kg
85-01-8	Phenanthrene	0.23	U	0.23	1	4.2	ug/Kg
120-12-7	Anthracene	0.21	U	0.21	1	4.2	ug/Kg
206-44-0	Fluoranthene	1.8	J	0.23	1	4.2	ug/Kg
129-00-0	Pyrene	1.5	J	0.3	1	4.2	ug/Kg
56-55-3	Benzo(a)anthracene	0.12	U	0.12	1	4.2	ug/Kg
218-01-9	Chrysene	1.3	J	0.32	1	4.2	ug/Kg
205-99-2	Benzo(b)fluoranthene	2.5	J	0.59	1	4.2	ug/Kg
207-08-9	Benzo(k)fluoranthene	0.4	U	0.4	1	4.2	ug/Kg
50-32-8	Benzo(a)pyrene	1.2	J	0.4	1	4.2	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	0.97	J	0.66	1	4.2	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	0.59	U	0.59	1	4.2	ug/Kg
191-24-2	Benzo(g,h,i)perylene	1.4	J	0.95	1	4.2	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	3.433		15-120		43	SPK: -8
93951-69-0	Fluoranthene-d10	0.196		30-130		49	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.196		20-140		49	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	5986		7.565			
1146-65-2	Naphthalene-d8	17848		10.325			
15067-26-2	Acenaphthene-d10	9612		14.2			

Report of Analysis

Client:		Date Collected:	12/10/2024 12:00:00 AM
Project:		Date Received:	12/10/2024 12:00:00 AM
Client Sample ID:	E2AQ7	SDG No.:	BM121924
Lab Sample ID:	P5226-21	Matrix:	Solid
Analytical Method:	SFAM_SVOASIM	% Moisture:	20.9
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
BM049076.D	1	12/16/2024 12:00:00 AM	12/19/2024 12:00:00 AM	PB165663

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	20588	16.946				
1719-03-5	Chrysene-d12	15918	21.149				
1520-96-3	Perylene-d12	14845	23.306				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	1.1	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	12/16/2024 12:00:00 AM
Project:		Date Received:	12/16/2024 12:00:00 AM
Client Sample ID:	SLCS663	SDG No.:	BM121924
Lab Sample ID:	PB165663BS	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
BM049077.D	1	12/16/2024 12:00:00 AM	12/19/2024 12:00:00 AM	PB165663

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	63		0.89	0	6.7	ug/Kg
91-20-3	Naphthalene	15		0.2	0.83	3.3	ug/Kg
90-12-0	1-Methylnaphthalene	14		0.52	0.83	3.3	ug/Kg
91-57-6	2-Methylnaphthalene	14		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	15		0.18	0.83	3.3	ug/Kg
86-73-7	Fluorene	15		0.22	0.83	3.3	ug/Kg
87-86-5	Pentachlorophenol	24		2	1.7	6.7	ug/Kg
85-01-8	Phenanthrene	15		0.18	0.83	3.3	ug/Kg
120-12-7	Anthracene	14		0.17	0.83	3.3	ug/Kg
206-44-0	Fluoranthene	16		0.18	0.83	3.3	ug/Kg
129-00-0	Pyrene	16		0.24	0.83	3.3	ug/Kg
56-55-3	Benzo(a)anthracene	15		0.09	0.83	3.3	ug/Kg
218-01-9	Chrysene	16		0.25	0.83	3.3	ug/Kg
205-99-2	Benzo(b)fluoranthene	16		0.47	0.83	3.3	ug/Kg
207-08-9	Benzo(k)fluoranthene	16		0.32	0.83	3.3	ug/Kg
50-32-8	Benzo(a)pyrene	16		0.32	0.83	3.3	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	15		0.52	0.83	3.3	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	15		0.47	0.83	3.3	ug/Kg
191-24-2	Benzo(g,h,i)perylene	15		0.75	0.83	3.3	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	0.789		15-120		99	SPK: -0.8
93951-69-0	Fluoranthene-d10	0.513		30-130		128	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.466		20-140		116	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	5527	7.565				
1146-65-2	Naphthalene-d8	16391	10.326				
15067-26-2	Acenaphthene-d10	9259	14.197				

Report of Analysis

Client:		Date Collected:	12/16/2024 12:00:00 AM
Project:		Date Received:	12/16/2024 12:00:00 AM
Client Sample ID:	SLCS663	SDG No.:	BM121924
Lab Sample ID:	PB165663BS	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
BM049077.D	1	12/16/2024 12:00:00 AM	12/19/2024 12:00:00 AM	PB165663

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	18899	16.947				
1719-03-5	Chrysene-d12	14172	21.146				
1520-96-3	Perylene-d12	14764	23.305				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	0.89	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	12/16/2024 12:00:00 AM
Project:		Date Received:	12/16/2024 12:00:00 AM
Client Sample ID:	SBLK663	SDG No.:	BM121924
Lab Sample ID:	PB165663BL	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
BM049079.D	1	12/16/2024 12:00:00 AM	12/19/2024 12:00:00 AM	PB165663

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	5.837		15-120		73	SPK: -8
93951-69-0	Fluoranthene-d10	0.329		30-130		82	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.299		20-140		75	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	5679	7.56				
1146-65-2	Naphthalene-d8	16398	10.325				
15067-26-2	Acenaphthene-d10	8557	14.2				

Report of Analysis

Client:		Date Collected:	12/16/2024 12:00:00 AM
Project:		Date Received:	12/16/2024 12:00:00 AM
Client Sample ID:	SBLK663	SDG No.:	BM121924
Lab Sample ID:	PB165663BL	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
BM049079.D	1	12/16/2024 12:00:00 AM	12/19/2024 12:00:00 AM	PB165663

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	18541	16.946				
1719-03-5	Chrysene-d12	13830	21.149				
1520-96-3	Perylene-d12	13461	23.306				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	0.89	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	12/10/2024 12:00:00 AM
Project:		Date Received:	12/10/2024 12:00:00 AM
Client Sample ID:	E2AN6	SDG No.:	BM121924
Lab Sample ID:	P5226-11	Matrix:	Solid
Analytical Method:	SFAM_SVOASIM	% Moisture:	17.7
Sample Wt/Vol:	30.1	Units:	g
Soil Aliquot Vol:		Final Vol:	500 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM049080.D	1	12/16/2024 12:00:00 AM	12/19/2024 12:00:00 AM	PB165663

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	0.89	J	0.24	1	4	ug/Kg
90-12-0	1-Methylnaphthalene	0.63	U	0.63	1	4	ug/Kg
91-57-6	2-Methylnaphthalene	0.23	U	0.23	1	4	ug/Kg
208-96-8	Acenaphthylene	15		0.4	1	4	ug/Kg
83-32-9	Acenaphthene	0.22	U	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	8.1	ug/Kg
85-01-8	Phenanthrene	34		0.22	1	4	ug/Kg
120-12-7	Anthracene	6.8		0.21	1	4	ug/Kg
206-44-0	Fluoranthene	96	E	0.22	1	4	ug/Kg
129-00-0	Pyrene	75	E	0.29	1	4	ug/Kg
56-55-3	Benzo(a)anthracene	35		0.11	1	4	ug/Kg
218-01-9	Chrysene	37		0.3	1	4	ug/Kg
205-99-2	Benzo(b)fluoranthene	63		0.57	1	4	ug/Kg
207-08-9	Benzo(k)fluoranthene	23		0.39	1	4	ug/Kg
50-32-8	Benzo(a)pyrene	43		0.39	1	4	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	25		0.63	1	4	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	7		0.57	1	4	ug/Kg
191-24-2	Benzo(g,h,i)perylene	30		0.91	1	4	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	3.758		15-120		47	SPK: -8
93951-69-0	Fluoranthene-d10	0.224		30-130		56	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	6272		7.56			
1146-65-2	Naphthalene-d8	18060		10.325			
15067-26-2	Acenaphthene-d10	9661		14.2			

Report of Analysis

Client:		Date Collected:	12/10/2024 12:00:00 AM
Project:		Date Received:	12/10/2024 12:00:00 AM
Client Sample ID:	E2AN6	SDG No.:	BM121924
Lab Sample ID:	P5226-11	Matrix:	Solid
Analytical Method:	SFAM_SVOASIM	% Moisture:	17.7
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
BM049080.D	1	12/16/2024 12:00:00 AM	12/19/2024 12:00:00 AM	PB165663

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	20619	16.946				
1719-03-5	Chrysene-d12	16897	21.146				
1520-96-3	Perylene-d12	15744	23.303				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	1.1	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	12/9/2024 12:00:00 AM
Project:		Date Received:	12/9/2024 12:00:00 AM
Client Sample ID:	E2AP5	SDG No.:	BM121924
Lab Sample ID:	P5226-07	Matrix:	Solid
Analytical Method:	SFAM_SVOASIM	% Moisture:	17.2
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
BM049081.D	1	12/16/2024 12:00:00 AM	12/19/2024 12:00:00 AM	PB165663

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	1.4	J	0.24	1	4	ug/Kg
90-12-0	1-Methylnaphthalene	0.63	U	0.63	1	4	ug/Kg
91-57-6	2-Methylnaphthalene	0.23	U	0.23	1	4	ug/Kg
208-96-8	Acenaphthylene	100	E	0.4	1	4	ug/Kg
83-32-9	Acenaphthene	0.22	U	0.22	1	4	ug/Kg
86-73-7	Fluorene	1.7	J	0.27	1	4	ug/Kg
87-86-5	Pentachlorophenol	2.4	U	2.4	2	8.1	ug/Kg
85-01-8	Phenanthrene	7.8		0.22	1	4	ug/Kg
120-12-7	Anthracene	20		0.21	1	4	ug/Kg
206-44-0	Fluoranthene	76	E	0.22	1	4	ug/Kg
129-00-0	Pyrene	69	E	0.29	1	4	ug/Kg
56-55-3	Benzo(a)anthracene	98	E	0.11	1	4	ug/Kg
218-01-9	Chrysene	88	E	0.3	1	4	ug/Kg
205-99-2	Benzo(b)fluoranthene	310	E	0.57	1	4	ug/Kg
207-08-9	Benzo(k)fluoranthene	100	E	0.39	1	4	ug/Kg
50-32-8	Benzo(a)pyrene	130	E	0.39	1	4	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	110	E	0.63	1	4	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	38		0.57	1	4	ug/Kg
191-24-2	Benzo(g,h,i)perylene	19		0.91	1	4	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	3.546		15-120		44	SPK: -8
93951-69-0	Fluoranthene-d10	0.258		30-130		64	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.231		20-140		58	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	6410		7.56			
1146-65-2	Naphthalene-d8	18964		10.326			
15067-26-2	Acenaphthene-d10	10047		14.197			

Report of Analysis

Client:		Date Collected:	12/9/2024 12:00:00 AM
Project:		Date Received:	12/9/2024 12:00:00 AM
Client Sample ID:	E2AP5	SDG No.:	BM121924
Lab Sample ID:	P5226-07	Matrix:	Solid
Analytical Method:	SFAM_SVOASIM	% Moisture:	17.2
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
BM049081.D	1	12/16/2024 12:00:00 AM	12/19/2024 12:00:00 AM	PB165663

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	21903	16.947				
1719-03-5	Chrysene-d12	18007	21.146				
1520-96-3	Perylene-d12	16797	23.302				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	1.1	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	12/9/2024 12:00:00 AM
Project:		Date Received:	12/9/2024 12:00:00 AM
Client Sample ID:	E2AP7	SDG No.:	BM121924
Lab Sample ID:	P5226-09	Matrix:	Solid
Analytical Method:	SFAM_SVOASIM	% Moisture:	9.4
Sample Wt/Vol:	30	Units:	g
Soil Aliquot Vol:		Final Vol:	500
		Test:	
Extraction Type :		Decanted :	Level :
Injection Volume :		GPC Factor :	LOW
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM049082.D	1	12/16/2024 12:00:00 AM	12/19/2024 12:00:00 AM	PB165663

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	0.98	U	0.98	0	7.4	ug/Kg
91-20-3	Naphthalene	0.22	U	0.22	0.91	3.6	ug/Kg
90-12-0	1-Methylnaphthalene	0.57	U	0.57	0.91	3.6	ug/Kg
91-57-6	2-Methylnaphthalene	0.21	U	0.21	0.91	3.6	ug/Kg
208-96-8	Acenaphthylene	7.2		0.36	0.91	3.6	ug/Kg
83-32-9	Acenaphthene	0.2	U	0.2	0.91	3.6	ug/Kg
86-73-7	Fluorene	0.24	U	0.24	0.91	3.6	ug/Kg
87-86-5	Pentachlorophenol	2.2	U	2.2	1.8	7.4	ug/Kg
85-01-8	Phenanthrene	0.77	J	0.2	0.91	3.6	ug/Kg
120-12-7	Anthracene	1.4	J	0.19	0.91	3.6	ug/Kg
206-44-0	Fluoranthene	6.3		0.2	0.91	3.6	ug/Kg
129-00-0	Pyrene	7.5		0.26	0.91	3.6	ug/Kg
56-55-3	Benzo(a)anthracene	6.4		0.1	0.91	3.6	ug/Kg
218-01-9	Chrysene	6.6		0.28	0.91	3.6	ug/Kg
205-99-2	Benzo(b)fluoranthene	18		0.52	0.91	3.6	ug/Kg
207-08-9	Benzo(k)fluoranthene	6		0.35	0.91	3.6	ug/Kg
50-32-8	Benzo(a)pyrene	13		0.35	0.91	3.6	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	8.3		0.57	0.91	3.6	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	2.2	J	0.52	0.91	3.6	ug/Kg
191-24-2	Benzo(g,h,i)perylene	11		0.83	0.91	3.6	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	2.778		15-120		35	SPK: -8
93951-69-0	Fluoranthene-d10	0.199		30-130		50	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.176		20-140		44	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	6522		7.56			
1146-65-2	Naphthalene-d8	19461		10.325			
15067-26-2	Acenaphthene-d10	10440		14.195			

Report of Analysis

Client:		Date Collected:	12/9/2024 12:00:00 AM
Project:		Date Received:	12/9/2024 12:00:00 AM
Client Sample ID:	E2AP7	SDG No.:	BM121924
Lab Sample ID:	P5226-09	Matrix:	Solid
Analytical Method:	SFAM_SVOASIM	% Moisture:	9.4
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
BM049082.D	1	12/16/2024 12:00:00 AM	12/19/2024 12:00:00 AM	PB165663

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	22224	16.946				
1719-03-5	Chrysene-d12	16819	21.146				
1520-96-3	Perylene-d12	16040	23.303				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	0.98	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	12/10/2024 12:00:00 AM
Project:		Date Received:	12/10/2024 12:00:00 AM
Client Sample ID:	E2AQ8	SDG No.:	BM121924
Lab Sample ID:	P5226-22	Matrix:	Solid
Analytical Method:	SFAM_SVOASIM	% Moisture:	13.3
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
BM049083.D	1	12/16/2024 12:00:00 AM	12/19/2024 12:00:00 AM	PB165663

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	0.23	U	0.23	0.95	3.8	ug/Kg
90-12-0	1-Methylnaphthalene	0.6	U	0.6	0.95	3.8	ug/Kg
91-57-6	2-Methylnaphthalene	0.22	U	0.22	0.95	3.8	ug/Kg
208-96-8	Acenaphthylene	0.38	U	0.38	0.95	3.8	ug/Kg
83-32-9	Acenaphthene	0.21	U	0.21	0.95	3.8	ug/Kg
86-73-7	Fluorene	0.25	U	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	0.21	U	0.21	0.95	3.8	ug/Kg
120-12-7	Anthracene	0.2	U	0.2	0.95	3.8	ug/Kg
206-44-0	Fluoranthene	0.21	U	0.21	0.95	3.8	ug/Kg
129-00-0	Pyrene	0.28	U	0.28	0.95	3.8	ug/Kg
56-55-3	Benzo(a)anthracene	0.11	U	0.11	0.95	3.8	ug/Kg
218-01-9	Chrysene	0.29	U	0.29	0.95	3.8	ug/Kg
205-99-2	Benzo(b)fluoranthene	0.54	U	0.54	0.95	3.8	ug/Kg
207-08-9	Benzo(k)fluoranthene	0.37	U	0.37	0.95	3.8	ug/Kg
50-32-8	Benzo(a)pyrene	0.37	U	0.37	0.95	3.8	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	0.6	U	0.6	0.95	3.8	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	0.54	U	0.54	0.95	3.8	ug/Kg
191-24-2	Benzo(g,h,i)perylene	0.87	U	0.87	0.95	3.8	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	3.849		15-120		48	SPK: -8
93951-69-0	Fluoranthene-d10	0.267		30-130		67	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.242		20-140		60	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	6464	7.56				
1146-65-2	Naphthalene-d8	19169	10.325				
15067-26-2	Acenaphthene-d10	10182	14.195				

Report of Analysis

Client:		Date Collected:	12/10/2024 12:00:00 AM
Project:		Date Received:	12/10/2024 12:00:00 AM
Client Sample ID:	E2AQ8	SDG No.:	BM121924
Lab Sample ID:	P5226-22	Matrix:	Solid
Analytical Method:	SFAM_SVOASIM	% Moisture:	13.3
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
BM049083.D	1	12/16/2024 12:00:00 AM	12/19/2024 12:00:00 AM	PB165663

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	21634	16.946				
1719-03-5	Chrysene-d12	16588	21.146				
1520-96-3	Perylene-d12	15721	23.303				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	1	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	12/10/2024 12:00:00 AM
Project:		Date Received:	12/10/2024 12:00:00 AM
Client Sample ID:	E2AR3	SDG No.:	BM121924
Lab Sample ID:	P5226-23	Matrix:	Solid
Analytical Method:	SFAM_SVOASIM	% Moisture:	18
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
BM049084.D	1	12/16/2024 12:00:00 AM	12/19/2024 12:00:00 AM	PB165663

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	1.1	U	1.1	0	8.1	ug/Kg
91-20-3	Naphthalene	0.24	U	0.24	1	4	ug/Kg
90-12-0	1-Methylnaphthalene	0.63	U	0.63	1	4	ug/Kg
91-57-6	2-Methylnaphthalene	0.23	U	0.23	1	4	ug/Kg
208-96-8	Acenaphthylene	4.8		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	8.4		0.22	1	4	ug/Kg
120-12-7	Anthracene	2.1	J	0.21	1	4	ug/Kg
206-44-0	Fluoranthene	28		0.22	1	4	ug/Kg
129-00-0	Pyrene	23		0.29	1	4	ug/Kg
56-55-3	Benzo(a)anthracene	11		0.11	1	4	ug/Kg
218-01-9	Chrysene	11		0.3	1	4	ug/Kg
205-99-2	Benzo(b)fluoranthene	19		0.57	1	4	ug/Kg
207-08-9	Benzo(k)fluoranthene	6.9		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		0.63	1	4	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	2.1	J	0.57	1	4	ug/Kg
191-24-2	Benzo(g,h,i)perylene	8.6		0.91	1	4	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	2.993		15-120		37	SPK: -8
93951-69-0	Fluoranthene-d10	0.164		30-130		41	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.171		20-140		43	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	6622		7.56			
1146-65-2	Naphthalene-d8	19620		10.325			
15067-26-2	Acenaphthene-d10	10602		14.196			

Report of Analysis

Client:		Date Collected:	12/10/2024 12:00:00 AM
Project:		Date Received:	12/10/2024 12:00:00 AM
Client Sample ID:	E2AR3	SDG No.:	BM121924
Lab Sample ID:	P5226-23	Matrix:	Solid
Analytical Method:	SFAM_SVOASIM	% Moisture:	18
Sample Wt/Vol:	30.1 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM049084.D	1	12/16/2024 12:00:00 AM	12/19/2024 12:00:00 AM	PB165663

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	22711	16.946				
1719-03-5	Chrysene-d12	17197	21.146				
1520-96-3	Perylene-d12	16560	23.303				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	1.1	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	12/17/2024 12:00:00 AM
Project:		Date Received:	12/17/2024 12:00:00 AM
Client Sample ID:	E1PK4	SDG No.:	BM121924
Lab Sample ID:	P5348-01	Matrix:	Water
Analytical Method:	SFAM_SVOASIM	% Moisture:	100
Sample Wt/Vol:	1000	Units:	mL
Soil Aliquot Vol:		Final Vol:	1000
			uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM049085.D	1	12/19/2024 12:00:00 AM	12/20/2024 12:00:00 AM	PB165763

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	0.029	U	0.029	0	0.2	ug/L
91-20-3	Naphthalene	0.0043	U	0.0043	0.05	0.1	ug/L
90-12-0	1-Methylnaphthalene	0.015	U	0.015	0.05	0.1	ug/L
91-57-6	2-Methylnaphthalene	0.0053	U	0.0053	0.05	0.1	ug/L
208-96-8	Acenaphthylene	0.012	U	0.012	0.05	0.1	ug/L
83-32-9	Acenaphthene	0.0074	U	0.0074	0.05	0.1	ug/L
86-73-7	Fluorene	0.0067	U	0.0067	0.05	0.1	ug/L
87-86-5	Pentachlorophenol	0.063	U	0.063	0.1	0.2	ug/L
85-01-8	Phenanthrene	0.0068	U	0.0068	0.05	0.1	ug/L
120-12-7	Anthracene	0.008	U	0.008	0.05	0.1	ug/L
206-44-0	Fluoranthene	0.0079	U	0.0079	0.05	0.1	ug/L
129-00-0	Pyrene	0.006	U	0.006	0.05	0.1	ug/L
56-55-3	Benzo(a)anthracene	0.0036	U	0.0036	0.05	0.1	ug/L
218-01-9	Chrysene	0.0077	U	0.0077	0.05	0.1	ug/L
205-99-2	Benzo(b)fluoranthene	0.013	U	0.013	0.05	0.1	ug/L
207-08-9	Benzo(k)fluoranthene	0.0098	U	0.0098	0.05	0.1	ug/L
50-32-8	Benzo(a)pyrene	0.017	U	0.017	0.05	0.1	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	0.017	U	0.017	0.05	0.1	ug/L
53-70-3	Dibenzo(a,h)anthracene	0.014	U	0.014	0.05	0.1	ug/L
191-24-2	Benzo(g,h,i)perylene	0.022	U	0.022	0.05	0.1	ug/L
SURROGATES							
17647-74-4	1,4-Dioxane-d8	4.777		15-120		60	SPK: -8
93951-69-0	Fluoranthene-d10	0.358		30-130		90	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.277		30-130		69	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	6632	7.56				
1146-65-2	Naphthalene-d8	19584	10.325				
15067-26-2	Acenaphthene-d10	10435	14.195				

Report of Analysis

Client:		Date Collected:	12/17/2024 12:00:00 AM
Project:		Date Received:	12/17/2024 12:00:00 AM
Client Sample ID:	E1PK4	SDG No.:	BM121924
Lab Sample ID:	P5348-01	Matrix:	Water
Analytical Method:	SFAM_SVOASIM	% Moisture:	100
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM049085.D	1	12/19/2024 12:00:00 AM	12/20/2024 12:00:00 AM	PB165763

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	22409	16.946				
1719-03-5	Chrysene-d12	16104	21.146				
1520-96-3	Perylene-d12	15771	23.303				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	0.029	U			99	ug/L

Report of Analysis

Client:		Date Collected:	12/17/2024 12:00:00 AM
Project:		Date Received:	12/17/2024 12:00:00 AM
Client Sample ID:	E1PK5	SDG No.:	BM121924
Lab Sample ID:	P5348-02	Matrix:	Water
Analytical Method:	SFAM_SVOASIM	% Moisture:	100
Sample Wt/Vol:	1000	Units:	mL
Soil Aliquot Vol:		Final Vol:	1000
			uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM049086.D	1	12/19/2024 12:00:00 AM	12/20/2024 12:00:00 AM	PB165763

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	0.029	U	0.029	0	0.2	ug/L
91-20-3	Naphthalene	0.0043	U	0.0043	0.05	0.1	ug/L
90-12-0	1-Methylnaphthalene	0.015	U	0.015	0.05	0.1	ug/L
91-57-6	2-Methylnaphthalene	0.0053	U	0.0053	0.05	0.1	ug/L
208-96-8	Acenaphthylene	0.012	U	0.012	0.05	0.1	ug/L
83-32-9	Acenaphthene	0.0074	U	0.0074	0.05	0.1	ug/L
86-73-7	Fluorene	0.0067	U	0.0067	0.05	0.1	ug/L
87-86-5	Pentachlorophenol	0.063	U	0.063	0.1	0.2	ug/L
85-01-8	Phenanthrene	0.0068	U	0.0068	0.05	0.1	ug/L
120-12-7	Anthracene	0.008	U	0.008	0.05	0.1	ug/L
206-44-0	Fluoranthene	0.0079	U	0.0079	0.05	0.1	ug/L
129-00-0	Pyrene	0.006	U	0.006	0.05	0.1	ug/L
56-55-3	Benzo(a)anthracene	0.0036	U	0.0036	0.05	0.1	ug/L
218-01-9	Chrysene	0.0077	U	0.0077	0.05	0.1	ug/L
205-99-2	Benzo(b)fluoranthene	0.013	U	0.013	0.05	0.1	ug/L
207-08-9	Benzo(k)fluoranthene	0.0098	U	0.0098	0.05	0.1	ug/L
50-32-8	Benzo(a)pyrene	0.017	U	0.017	0.05	0.1	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	0.017	U	0.017	0.05	0.1	ug/L
53-70-3	Dibenzo(a,h)anthracene	0.014	U	0.014	0.05	0.1	ug/L
191-24-2	Benzo(g,h,i)perylene	0.022	U	0.022	0.05	0.1	ug/L
SURROGATES							
17647-74-4	1,4-Dioxane-d8	4.469		15-120		56	SPK: -8
93951-69-0	Fluoranthene-d10	0.444		30-130		111	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.346		30-130		86	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	5792	7.56				
1146-65-2	Naphthalene-d8	17077	10.321				
15067-26-2	Acenaphthene-d10	9046	14.197				

Report of Analysis

Client:		Date Collected:	12/17/2024 12:00:00 AM
Project:		Date Received:	12/17/2024 12:00:00 AM
Client Sample ID:	E1PK5	SDG No.:	BM121924
Lab Sample ID:	P5348-02	Matrix:	Water
Analytical Method:	SFAM_SVOASIM	% Moisture:	100
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM049086.D	1	12/19/2024 12:00:00 AM	12/20/2024 12:00:00 AM	PB165763

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	19368	16.947				
1719-03-5	Chrysene-d12	13710	21.146				
1520-96-3	Perylene-d12	13167	23.303				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	0.029	U			99	ug/L

Report of Analysis

Client:		Date Collected:	12/18/2024 12:00:00 AM
Project:		Date Received:	12/18/2024 12:00:00 AM
Client Sample ID:	E1PK6	SDG No.:	BM121924
Lab Sample ID:	P5348-03	Matrix:	Water
Analytical Method:	SFAM_SVOASIM	% Moisture:	100
Sample Wt/Vol:	990	Units:	mL
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM049087.D	1	12/19/2024 12:00:00 AM	12/20/2024 12:00:00 AM	PB165763

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	0.03	U	0.03	0	0.2	ug/L
91-20-3	Naphthalene	0	U	0	0.05	0.1	ug/L
90-12-0	1-Methylnaphthalene	0.02	U	0.02	0.05	0.1	ug/L
91-57-6	2-Methylnaphthalene	0.01	U	0.01	0.05	0.1	ug/L
208-96-8	Acenaphthylene	0.01	U	0.01	0.05	0.1	ug/L
83-32-9	Acenaphthene	0.01	U	0.01	0.05	0.1	ug/L
86-73-7	Fluorene	0.01	U	0.01	0.05	0.1	ug/L
87-86-5	Pentachlorophenol	0.06	U	0.06	0.1	0.2	ug/L
85-01-8	Phenanthrene	0.01	U	0.01	0.05	0.1	ug/L
120-12-7	Anthracene	0.01	U	0.01	0.05	0.1	ug/L
206-44-0	Fluoranthene	0.01	U	0.01	0.05	0.1	ug/L
129-00-0	Pyrene	0.01	U	0.01	0.05	0.1	ug/L
56-55-3	Benzo(a)anthracene	0	U	0	0.05	0.1	ug/L
218-01-9	Chrysene	0.01	U	0.01	0.05	0.1	ug/L
205-99-2	Benzo(b)fluoranthene	0.01	U	0.01	0.05	0.1	ug/L
207-08-9	Benzo(k)fluoranthene	0.01	U	0.01	0.05	0.1	ug/L
50-32-8	Benzo(a)pyrene	0.02	U	0.02	0.05	0.1	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	0.02	U	0.02	0.05	0.1	ug/L
53-70-3	Dibenzo(a,h)anthracene	0.01	U	0.01	0.05	0.1	ug/L
191-24-2	Benzo(g,h,i)perylene	0.02	U	0.02	0.05	0.1	ug/L
SURROGATES							
17647-74-4	1,4-Dioxane-d8	4.579		15-120		57	SPK: -8
93951-69-0	Fluoranthene-d10	0.429		30-130		107	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.35		30-130		88	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	6141	7.56				
1146-65-2	Naphthalene-d8	18023	10.321				
15067-26-2	Acenaphthene-d10	9607	14.197				

Report of Analysis

Client:		Date Collected:	12/18/2024 12:00:00 AM
Project:		Date Received:	12/18/2024 12:00:00 AM
Client Sample ID:	E1PK6	SDG No.:	BM121924
Lab Sample ID:	P5348-03	Matrix:	Water
Analytical Method:	SFAM_SVOASIM	% Moisture:	100
Sample Wt/Vol:	990	Units:	mL
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM049087.D	1	12/19/2024 12:00:00 AM	12/20/2024 12:00:00 AM	PB165763

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	20201	16.947				
1719-03-5	Chrysene-d12	14772	21.146				
1520-96-3	Perylene-d12	14027	23.3				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	0.03	U			99	ug/L

Report of Analysis

Client:		Date Collected:	12/18/2024 12:00:00 AM
Project:		Date Received:	12/18/2024 12:00:00 AM
Client Sample ID:	E1PK7	SDG No.:	BM121924
Lab Sample ID:	P5348-04	Matrix:	Water
Analytical Method:	SFAM_SVOASIM	% Moisture:	100
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM049088.D	1	12/19/2024 12:00:00 AM	12/20/2024 12:00:00 AM	PB165763

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	0.029	U	0.029	0	0.2	ug/L
91-20-3	Naphthalene	0.0043	U	0.0043	0.05	0.1	ug/L
90-12-0	1-Methylnaphthalene	0.015	U	0.015	0.05	0.1	ug/L
91-57-6	2-Methylnaphthalene	0.0053	U	0.0053	0.05	0.1	ug/L
208-96-8	Acenaphthylene	0.012	U	0.012	0.05	0.1	ug/L
83-32-9	Acenaphthene	0.0074	U	0.0074	0.05	0.1	ug/L
86-73-7	Fluorene	0.0067	U	0.0067	0.05	0.1	ug/L
87-86-5	Pentachlorophenol	0.063	U	0.063	0.1	0.2	ug/L
85-01-8	Phenanthrene	0.0068	U	0.0068	0.05	0.1	ug/L
120-12-7	Anthracene	0.008	U	0.008	0.05	0.1	ug/L
206-44-0	Fluoranthene	0.0079	U	0.0079	0.05	0.1	ug/L
129-00-0	Pyrene	0.006	U	0.006	0.05	0.1	ug/L
56-55-3	Benzo(a)anthracene	0.0036	U	0.0036	0.05	0.1	ug/L
218-01-9	Chrysene	0.0077	U	0.0077	0.05	0.1	ug/L
205-99-2	Benzo(b)fluoranthene	0.013	U	0.013	0.05	0.1	ug/L
207-08-9	Benzo(k)fluoranthene	0.0098	U	0.0098	0.05	0.1	ug/L
50-32-8	Benzo(a)pyrene	0.017	U	0.017	0.05	0.1	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	0.017	U	0.017	0.05	0.1	ug/L
53-70-3	Dibenzo(a,h)anthracene	0.014	U	0.014	0.05	0.1	ug/L
191-24-2	Benzo(g,h,i)perylene	0.022	U	0.022	0.05	0.1	ug/L
SURROGATES							
17647-74-4	1,4-Dioxane-d8	4.579		15-120		57	SPK: -8
93951-69-0	Fluoranthene-d10	0.458		30-130		114	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.366		30-130		91	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	5642	7.56				
1146-65-2	Naphthalene-d8	16725	10.325				
15067-26-2	Acenaphthene-d10	8974	14.195				

Report of Analysis

Client:		Date Collected:	12/18/2024 12:00:00 AM
Project:		Date Received:	12/18/2024 12:00:00 AM
Client Sample ID:	E1PK7	SDG No.:	BM121924
Lab Sample ID:	P5348-04	Matrix:	Water
Analytical Method:	SFAM_SVOASIM	% Moisture:	100
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM049088.D	1	12/19/2024 12:00:00 AM	12/20/2024 12:00:00 AM	PB165763

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	19169	16.946				
1719-03-5	Chrysene-d12	13802	21.146				
1520-96-3	Perylene-d12	13336	23.3				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	0.029	U			99	ug/L

Report of Analysis

Client:		Date Collected:	12/19/2024 12:00:00 AM
Project:		Date Received:	12/19/2024 12:00:00 AM
Client Sample ID:	SLCS763	SDG No.:	BM121924
Lab Sample ID:	PB165763BS	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
BM049089.D	1	12/19/2024 12:00:00 AM	12/20/2024 12:00:00 AM	PB165763

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	1.6		0.029	0	0.2	ug/L
91-20-3	Naphthalene	0.36		0.0043	0.05	0.1	ug/L
90-12-0	1-Methylnaphthalene	0.35		0.015	0.05	0.1	ug/L
91-57-6	2-Methylnaphthalene	0.35		0.0053	0.05	0.1	ug/L
208-96-8	Acenaphthylene	0.35		0.012	0.05	0.1	ug/L
83-32-9	Acenaphthene	0.35		0.0074	0.05	0.1	ug/L
86-73-7	Fluorene	0.35		0.0067	0.05	0.1	ug/L
87-86-5	Pentachlorophenol	0.61		0.063	0.1	0.2	ug/L
85-01-8	Phenanthrene	0.36		0.0068	0.05	0.1	ug/L
120-12-7	Anthracene	0.35		0.008	0.05	0.1	ug/L
206-44-0	Fluoranthene	0.4		0.0079	0.05	0.1	ug/L
129-00-0	Pyrene	0.4		0.006	0.05	0.1	ug/L
56-55-3	Benzo(a)anthracene	0.36		0.0036	0.05	0.1	ug/L
218-01-9	Chrysene	0.39		0.0077	0.05	0.1	ug/L
205-99-2	Benzo(b)fluoranthene	0.4		0.013	0.05	0.1	ug/L
207-08-9	Benzo(k)fluoranthene	0.4		0.0098	0.05	0.1	ug/L
50-32-8	Benzo(a)pyrene	0.39		0.017	0.05	0.1	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	0.38		0.017	0.05	0.1	ug/L
53-70-3	Dibenzo(a,h)anthracene	0.38		0.014	0.05	0.1	ug/L
191-24-2	Benzo(g,h,i)perylene	0.39		0.022	0.05	0.1	ug/L
SURROGATES							
17647-74-4	1,4-Dioxane-d8	0.654		15-120		82	SPK: -0.8
93951-69-0	Fluoranthene-d10	0.417		30-130		104	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.372		30-130		93	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	5244	7.564				
1146-65-2	Naphthalene-d8	15195	10.326				
15067-26-2	Acenaphthene-d10	8606	14.197				

Report of Analysis

Client:		Date Collected:	12/19/2024 12:00:00 AM
Project:		Date Received:	12/19/2024 12:00:00 AM
Client Sample ID:	SLCS763	SDG No.:	BM121924
Lab Sample ID:	PB165763BS	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
BM049089.D	1	12/19/2024 12:00:00 AM	12/20/2024 12:00:00 AM	PB165763

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	17418	16.947				
1719-03-5	Chrysene-d12	12988	21.146				
1520-96-3	Perylene-d12	13724	23.302				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	0.029	U			99	ug/L

Report of Analysis

Client:		Date Collected:	12/19/2024 12:00:00 AM
Project:		Date Received:	12/19/2024 12:00:00 AM
Client Sample ID:	SBLK763	SDG No.:	BM121924
Lab Sample ID:	PB165763BL	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
BM049090.D	1	12/19/2024 12:00:00 AM	12/20/2024 12:00:00 AM	PB165763

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	0.029	U	0.029	0	0.2	ug/L
91-20-3	Naphthalene	0.0043	U	0.0043	0.05	0.1	ug/L
90-12-0	1-Methylnaphthalene	0.015	U	0.015	0.05	0.1	ug/L
91-57-6	2-Methylnaphthalene	0.0053	U	0.0053	0.05	0.1	ug/L
208-96-8	Acenaphthylene	0.012	U	0.012	0.05	0.1	ug/L
83-32-9	Acenaphthene	0.0074	U	0.0074	0.05	0.1	ug/L
86-73-7	Fluorene	0.0067	U	0.0067	0.05	0.1	ug/L
87-86-5	Pentachlorophenol	0.063	U	0.063	0.1	0.2	ug/L
85-01-8	Phenanthrene	0.0068	U	0.0068	0.05	0.1	ug/L
120-12-7	Anthracene	0.008	U	0.008	0.05	0.1	ug/L
206-44-0	Fluoranthene	0.0079	U	0.0079	0.05	0.1	ug/L
129-00-0	Pyrene	0.006	U	0.006	0.05	0.1	ug/L
56-55-3	Benzo(a)anthracene	0.0036	U	0.0036	0.05	0.1	ug/L
218-01-9	Chrysene	0.0077	U	0.0077	0.05	0.1	ug/L
205-99-2	Benzo(b)fluoranthene	0.013	U	0.013	0.05	0.1	ug/L
207-08-9	Benzo(k)fluoranthene	0.0098	U	0.0098	0.05	0.1	ug/L
50-32-8	Benzo(a)pyrene	0.017	U	0.017	0.05	0.1	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	0.017	U	0.017	0.05	0.1	ug/L
53-70-3	Dibenzo(a,h)anthracene	0.014	U	0.014	0.05	0.1	ug/L
191-24-2	Benzo(g,h,i)perylene	0.022	U	0.022	0.05	0.1	ug/L
SURROGATES							
17647-74-4	1,4-Dioxane-d8	5.441		15-120		68	SPK: -8
93951-69-0	Fluoranthene-d10	0.321		30-130		80	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.282		30-130		70	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	5412	7.56				
1146-65-2	Naphthalene-d8	15343	10.325				
15067-26-2	Acenaphthene-d10	8039	14.195				

Report of Analysis

Client:		Date Collected:	12/19/2024 12:00:00 AM
Project:		Date Received:	12/19/2024 12:00:00 AM
Client Sample ID:	SBLK763	SDG No.:	BM121924
Lab Sample ID:	PB165763BL	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
BM049090.D	1	12/19/2024 12:00:00 AM	12/20/2024 12:00:00 AM	PB165763

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	17281	16.946				
1719-03-5	Chrysene-d12	12694	21.149				
1520-96-3	Perylene-d12	12092	23.303				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	0.029	U			99	ug/L

Hit Summary Sheet SW-846

SDG No.: BM121924

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
Client ID : E2AN9								
P5226-01	E2AN9	Solid	Total Alkanes	*	0.000	1	7.9	ug/Kg
			Total Tics :			0.00		
			Total Concentration:			0.00		
Client ID : E2AP0								
P5226-02	E2AP0	Solid	Total Alkanes	*	0.000	0.98	7.4	ug/Kg
			Total Tics :			0.00		
			Total Concentration:			0.00		
Client ID : E2AP1								
P5226-03	E2AP1	Solid	Total Alkanes	*	0.000	0.98	7.4	ug/Kg
			Total Tics :			0.00		
			Total Concentration:			0.00		
Client ID : E2AP2								
P5226-04	E2AP2	Solid	Total Alkanes	*	0.000	1.1	8.1	ug/Kg
			Total Tics :			0.00		
P5226-04	E2AP2	Solid	Fluoranthene		1.500	J 0.22	4	ug/Kg
P5226-04	E2AP2	Solid	Pyrene		1.200	J 0.29	4	ug/Kg
			Total Svoc :			2.70		
			Total Concentration:			2.70		
Client ID : E2AP3								
P5226-05	E2AP3	Solid	Total Alkanes	*	0.000	0.96	7.2	ug/Kg
			Total Tics :			0.00		
			Total Concentration:			0.00		
Client ID : E2AP4								
P5226-06	E2AP4	Solid	Total Alkanes	*	0.000	0.98	7.4	ug/Kg
			Total Tics :			0.00		
P5226-06	E2AP4	Solid	Phenanthrene		0.770	J 0.2	3.6	ug/Kg
			Total Svoc :			0.77		
			Total Concentration:			0.77		
Client ID : E2AP5								
P5226-07	E2AP5	Solid	Total Alkanes	*	0.000	1.1	8.1	ug/Kg
			Total Tics :			0.00		
P5226-07	E2AP5	Solid	Acenaphthylene		100.000	E 0.4	4	ug/Kg
P5226-07	E2AP5	Solid	Anthracene		20.000	0.21	4	ug/Kg
P5226-07	E2AP5	Solid	Benzo(a)anthracene		98.000	E 0.11	4	ug/Kg
P5226-07	E2AP5	Solid	Benzo(a)pyrene		130.000	E 0.39	4	ug/Kg

Hit Summary Sheet SW-846

SDG No.: BM121924

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
P5226-07	E2AP5	Solid	Benzo(b)fluoranthene	310.000	E	0.57	4	ug/Kg
P5226-07	E2AP5	Solid	Benzo(g,h,i)perylene	19.000		0.91	4	ug/Kg
P5226-07	E2AP5	Solid	Benzo(k)fluoranthene	100.000	E	0.39	4	ug/Kg
P5226-07	E2AP5	Solid	Chrysene	88.000	E	0.3	4	ug/Kg
P5226-07	E2AP5	Solid	Dibenzo(a,h)anthracene	38.000		0.57	4	ug/Kg
P5226-07	E2AP5	Solid	Fluoranthene	76.000	E	0.22	4	ug/Kg
P5226-07	E2AP5	Solid	Fluorene	1.700	J	0.27	4	ug/Kg
P5226-07	E2AP5	Solid	Indeno(1,2,3-cd)pyrene	110.000	E	0.63	4	ug/Kg
P5226-07	E2AP5	Solid	Naphthalene	1.400	J	0.24	4	ug/Kg
P5226-07	E2AP5	Solid	Phenanthrene	7.800		0.22	4	ug/Kg
P5226-07	E2AP5	Solid	Pyrene	69.000	E	0.29	4	ug/Kg
Total Svoc :				1,168.90				
Total Concentration:				1,168.90				
Client ID : E2AP6								
P5226-08	E2AP6	Solid	Total Alkanes	*	0.000	0.96	7.2	ug/Kg
Total Tics :				0.00				
P5226-08	E2AP6	Solid	Acenaphthylene	2.100	J	0.35	3.5	ug/Kg
P5226-08	E2AP6	Solid	Benzo(a)anthracene	1.500	J	0.1	3.5	ug/Kg
P5226-08	E2AP6	Solid	Benzo(a)pyrene	3.400	J	0.34	3.5	ug/Kg
P5226-08	E2AP6	Solid	Benzo(b)fluoranthene	5.000		0.5	3.5	ug/Kg
P5226-08	E2AP6	Solid	Benzo(g,h,i)perylene	3.400	J	0.81	3.5	ug/Kg
P5226-08	E2AP6	Solid	Benzo(k)fluoranthene	1.900	J	0.34	3.5	ug/Kg
P5226-08	E2AP6	Solid	Chrysene	1.900	J	0.27	3.5	ug/Kg
P5226-08	E2AP6	Solid	Fluoranthene	2.100	J	0.19	3.5	ug/Kg
P5226-08	E2AP6	Solid	Indeno(1,2,3-cd)pyrene	2.500	J	0.56	3.5	ug/Kg
P5226-08	E2AP6	Solid	Pyrene	1.800	J	0.26	3.5	ug/Kg
Total Svoc :				25.60				
Total Concentration:				25.60				
Client ID : E2AP7								
P5226-09	E2AP7	Solid	Total Alkanes	*	0.000	0.98	7.4	ug/Kg
Total Tics :				0.00				
P5226-09	E2AP7	Solid	Acenaphthylene	7.200		0.36	3.6	ug/Kg
P5226-09	E2AP7	Solid	Anthracene	1.400	J	0.19	3.6	ug/Kg
P5226-09	E2AP7	Solid	Benzo(a)anthracene	6.400		0.1	3.6	ug/Kg
P5226-09	E2AP7	Solid	Benzo(a)pyrene	13.000		0.35	3.6	ug/Kg
P5226-09	E2AP7	Solid	Benzo(b)fluoranthene	18.000		0.52	3.6	ug/Kg
P5226-09	E2AP7	Solid	Benzo(g,h,i)perylene	11.000		0.83	3.6	ug/Kg
P5226-09	E2AP7	Solid	Benzo(k)fluoranthene	6.000		0.35	3.6	ug/Kg
P5226-09	E2AP7	Solid	Chrysene	6.600		0.28	3.6	ug/Kg
P5226-09	E2AP7	Solid	Dibenzo(a,h)anthracene	2.200	J	0.52	3.6	ug/Kg

Hit Summary Sheet SW-846

SDG No.: BM121924

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
P5226-09	E2AP7	Solid	Fluoranthene	6.300		0.2	3.6	ug/Kg
P5226-09	E2AP7	Solid	Indeno(1,2,3-cd)pyrene	8.300		0.57	3.6	ug/Kg
P5226-09	E2AP7	Solid	Phenanthrene	0.770	J	0.2	3.6	ug/Kg
P5226-09	E2AP7	Solid	Pyrene	7.500		0.26	3.6	ug/Kg
Total Svoc :				94.67				
Total Concentration:				94.67				
Client ID : E2AN6								
P5226-11	E2AN6	Solid	Total Alkanes	*	0.000	1.1	8.1	ug/Kg
Total Tics :				0.00				
P5226-11	E2AN6	Solid	Acenaphthylene	15.000		0.4	4	ug/Kg
P5226-11	E2AN6	Solid	Anthracene	6.800		0.21	4	ug/Kg
P5226-11	E2AN6	Solid	Benzo(a)anthracene	35.000		0.11	4	ug/Kg
P5226-11	E2AN6	Solid	Benzo(a)pyrene	43.000		0.39	4	ug/Kg
P5226-11	E2AN6	Solid	Benzo(b)fluoranthene	63.000		0.57	4	ug/Kg
P5226-11	E2AN6	Solid	Benzo(g,h,i)perylene	30.000		0.91	4	ug/Kg
P5226-11	E2AN6	Solid	Benzo(k)fluoranthene	23.000		0.39	4	ug/Kg
P5226-11	E2AN6	Solid	Chrysene	37.000		0.3	4	ug/Kg
P5226-11	E2AN6	Solid	Dibenzo(a,h)anthracene	7.000		0.57	4	ug/Kg
P5226-11	E2AN6	Solid	Fluoranthene	96.000	E	0.22	4	ug/Kg
P5226-11	E2AN6	Solid	Fluorene	2.000	J	0.27	4	ug/Kg
P5226-11	E2AN6	Solid	Indeno(1,2,3-cd)pyrene	25.000		0.63	4	ug/Kg
P5226-11	E2AN6	Solid	Naphthalene	0.890	J	0.24	4	ug/Kg
P5226-11	E2AN6	Solid	Phenanthrene	34.000		0.22	4	ug/Kg
P5226-11	E2AN6	Solid	Pyrene	75.000	E	0.29	4	ug/Kg
Total Svoc :				492.69				
Total Concentration:				492.69				
Client ID : E2AQ5								
P5226-13	E2AQ5	Solid	Total Alkanes	*	0.000	0.98	7.4	ug/Kg
Total Tics :				0.00				
Total Concentration:				0.00				
Client ID : E2AQ4								
P5226-19	E2AQ4	Solid	Total Alkanes	*	0.000	1	7.8	ug/Kg
Total Tics :				0.00				
P5226-19	E2AQ4	Solid	Acenaphthylene	1.600	J	0.39	3.9	ug/Kg
P5226-19	E2AQ4	Solid	Benzo(a)anthracene	1.900	J	0.11	3.9	ug/Kg
P5226-19	E2AQ4	Solid	Benzo(a)pyrene	2.500	J	0.37	3.9	ug/Kg
P5226-19	E2AQ4	Solid	Benzo(b)fluoranthene	3.500	J	0.55	3.9	ug/Kg
P5226-19	E2AQ4	Solid	Benzo(g,h,i)perylene	1.800	J	0.88	3.9	ug/Kg
P5226-19	E2AQ4	Solid	Benzo(k)fluoranthene	1.500	J	0.37	3.9	ug/Kg

Hit Summary Sheet
SW-846

SDG No.: BM121924

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
P5226-19	E2AQ4	Solid	Chrysene	1.600	J	0.29	3.9	ug/Kg
P5226-19	E2AQ4	Solid	Fluoranthene	1.900	J	0.21	3.9	ug/Kg
P5226-19	E2AQ4	Solid	Indeno(1,2,3-cd)pyrene	1.400	J	0.61	3.9	ug/Kg
P5226-19	E2AQ4	Solid	Pyrene	2.000	J	0.28	3.9	ug/Kg
Total Svoc :				19.70				
Total Concentration:				19.70				
Client ID : E2AQ6								
P5226-20	E2AQ6	Solid	Total Alkanes	*	0.000	1	7.7	ug/Kg
Total Tics :				0.00				
P5226-20	E2AQ6	Solid	Benzo(g,h,i)perylene	1.200	J	0.86	3.8	ug/Kg
P5226-20	E2AQ6	Solid	Chrysene	1.700	J	0.29	3.8	ug/Kg
Total Svoc :				2.90				
Total Concentration:				2.90				
Client ID : E2AQ7								
P5226-21	E2AQ7	Solid	Total Alkanes	*	0.000	1.1	8.4	ug/Kg
Total Tics :				0.00				
P5226-21	E2AQ7	Solid	Benzo(a)pyrene	1.200	J	0.4	4.2	ug/Kg
P5226-21	E2AQ7	Solid	Benzo(b)fluoranthene	2.500	J	0.59	4.2	ug/Kg
P5226-21	E2AQ7	Solid	Benzo(g,h,i)perylene	1.400	J	0.95	4.2	ug/Kg
P5226-21	E2AQ7	Solid	Chrysene	1.300	J	0.32	4.2	ug/Kg
P5226-21	E2AQ7	Solid	Fluoranthene	1.800	J	0.23	4.2	ug/Kg
P5226-21	E2AQ7	Solid	Indeno(1,2,3-cd)pyrene	0.970	J	0.66	4.2	ug/Kg
P5226-21	E2AQ7	Solid	Pyrene	1.500	J	0.3	4.2	ug/Kg
Total Svoc :				10.67				
Total Concentration:				10.67				
Client ID : E2AQ8								
P5226-22	E2AQ8	Solid	Total Alkanes	*	0.000	1	7.7	ug/Kg
Total Tics :				0.00				
Total Concentration:				0.00				
Client ID : E2AR3								
P5226-23	E2AR3	Solid	Total Alkanes	*	0.000	1.1	8.1	ug/Kg
Total Tics :				0.00				
P5226-23	E2AR3	Solid	Acenaphthylene	4.800		0.4	4	ug/Kg
P5226-23	E2AR3	Solid	Anthracene	2.100	J	0.21	4	ug/Kg
P5226-23	E2AR3	Solid	Benzo(a)anthracene	11.000		0.11	4	ug/Kg
P5226-23	E2AR3	Solid	Benzo(a)pyrene	12.000		0.39	4	ug/Kg
P5226-23	E2AR3	Solid	Benzo(b)fluoranthene	19.000		0.57	4	ug/Kg
P5226-23	E2AR3	Solid	Benzo(g,h,i)perylene	8.600		0.91	4	ug/Kg
P5226-23	E2AR3	Solid	Benzo(k)fluoranthene	6.900		0.39	4	ug/Kg

Hit Summary Sheet
SW-846

SDG No.: BM121924

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
P5226-23	E2AR3	Solid	Chrysene	11.000		0.3	4	ug/Kg
P5226-23	E2AR3	Solid	Dibenzo(a,h)anthracene	2.100	J	0.57	4	ug/Kg
P5226-23	E2AR3	Solid	Fluoranthene	28.000		0.22	4	ug/Kg
P5226-23	E2AR3	Solid	Indeno(1,2,3-cd)pyrene	7.000		0.63	4	ug/Kg
P5226-23	E2AR3	Solid	Phenanthrene	8.400		0.22	4	ug/Kg
P5226-23	E2AR3	Solid	Pyrene	23.000		0.29	4	ug/Kg
Total Svoc :						143.90		
Total Concentration:						143.90		
Client ID :	E2AR4							
P5226-24	E2AR4	Solid	Total Alkanes	*	0.000	1	7.6	ug/Kg
Total Tics :						0.00		
Total Concentration:						0.00		
Client ID :	E1PK4							
P5348-01	E1PK4	Water	Total Alkanes	*	0.000	0.029	0.2	ug/L
Total Tics :						0.00		
Total Concentration:						0.00		
Client ID :	E1PK5							
P5348-02	E1PK5	Water	Total Alkanes	*	0.000	0.029	0.2	ug/L
Total Tics :						0.00		
Total Concentration:						0.00		
Client ID :	E1PK6							
P5348-03	E1PK6	Water	Total Alkanes	*	0.000	0.03	0.2	ug/L
Total Tics :						0.00		
Total Concentration:						0.00		
Client ID :	E1PK7							
P5348-04	E1PK7	Water	Total Alkanes	*	0.000	0.029	0.2	ug/L
Total Tics :						0.00		
Total Concentration:						0.00		



6C

SEMIVOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name: CHEMTECH Contract: _____
Lab Code: CHEM Case No.: BM121824 SAS No.: BM121824 SDG No.: BM121824
Instrument ID: _____ Calibration Date(s): 12/18/2024
Calibration Time(s): 11:59

LAB FILE ID:		RRFAL1 = BM049044.D			RRFAL2 = BM049045.D		RRFAL3 = BM049046.D	
		RRFAL4 = BM049047.D			RRFAL5 = BM049048.D		RRFAL6 = BM049049.D	
COMPOUND	RRFAL1	RRFAL2	RRFAL3	RRFAL4	RRFAL5	RRFAL6	RRF	% RSD
1,4-Dioxane		0.585	0.657	0.500	0.488	0.467	0.539	14.8
1,4-Dioxane-d8		0.482	0.532	0.442	0.431	0.420	0.461	10.0
Naphthalene	0.982	0.990	1.138	0.960	0.936		1.001	7.9
1-Methylnaphthalene	0.651	0.634	0.734	0.616	0.613		0.650	7.6
2-Methylnaphthalene	0.619	0.621	0.724	0.606	0.602		0.634	8.0
Acenaphthylene	1.642	1.610	1.886	1.587	1.565		1.658	7.9
Acenaphthene	1.195	1.174	1.371	1.162	1.149		1.210	7.6
Fluorene	1.348	1.317	1.541	1.311	1.309		1.365	7.3
Pentachlorophenol		0.093	0.119	0.104	0.115	0.123	0.111	10.9
Phenanthrene	1.044	1.028	1.144	1.013	0.994		1.045	5.6
Anthracene	0.943	0.927	1.060	0.936	0.929		0.959	5.9
Fluoranthene	1.426	1.394	1.614	1.401	1.395		1.446	6.6
Pyrene	1.548	1.498	1.715	1.484	1.467		1.542	6.6
Benzo(a)anthracene	1.377	1.350	1.544	1.336	1.349		1.391	6.2
Chrysene	1.526	1.502	1.686	1.399	1.353		1.493	8.7
Benzo(b)fluoranthene	1.251	1.234	1.434	1.232	1.239		1.278	6.8
Benzo(k)fluoranthene	1.410	1.388	1.575	1.344	1.294		1.402	7.6
Benzo(a)pyrene	1.196	1.199	1.387	1.184	1.161		1.226	7.5
Indeno(1,2,3-cd)pyrene	1.733	1.687	1.935	1.679	1.638		1.734	6.8
Dibenzo(a,h)anthracene	1.317	1.326	1.511	1.312	1.273		1.348	6.9
Benzo(g,h,i)perylene	1.406	1.367	1.562	1.343	1.296		1.395	7.3
Fluoranthene-d10	1.129	1.103	1.260	1.094	1.089		1.135	6.3
2-Methylnaphthalene-d10	0.518	0.533	0.613	0.515	0.508		0.538	8.1

All other compounds must meet a minimum RRF of 0.010.

Form VI SV-1

8B

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BM121924 SAS No.: BM121924 SDG NO.: BM121924

EPA Sample No.: SSTD0.4015 Date Analyzed: Dec 19 2024 12:00AM

Lab File ID: BM049046.D Time Analyzed: 10:08

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	4849	7.569	14312	10.33	8144	14.20
	UPPER LIMIT	9698	8.069	28624	10.83	16288	14.7
	LOWER LIMIT	2424.5	7.069	7156	9.83	4072	13.7
	EPA SAMPLE NO.						
01	SBLK663	5838	7.57	17225	10.33	9080	14.20
02	E2AN9	5760	7.57	17131	10.33	9288	14.20
03	E2AP0	5978	7.56	17623	10.33	9623	14.20
04	E2AP1	7408	7.57	21897	10.33	11938	14.20
05	E2AP2	5910	7.57	17566	10.33	9623	14.20
06	E2AP3	6023	7.57	17472	10.33	9558	14.20
07	E2AP4	6109	7.57	18304	10.33	9976	14.20
08	E2AQ4	6594	7.56	19499	10.33	10386	14.20
09	E2AP6	6731	7.56	20111	10.33	10787	14.20
10	E2AR4	6080	7.57	17919	10.33	9782	14.20
11	E2AR4MS	5914	7.57	17617	10.33	10009	14.20
12	E2AR4MSD	5323	7.57	16047	10.33	9095	14.20
13	E2AQ5	6482	7.57	18977	10.33	10211	14.20
14	E2AQ6	6861	7.56	20211	10.33	11167	14.20
15	E2AQ7	5986	7.57	17848	10.33	9612	14.20
16	SLCS663	5527	7.57	16391	10.33	9259	14.20
17	SBLK663	5679	7.56	16398	10.33	8557	14.20
18	E2AN6	6272	7.56	18060	10.33	9661	14.20
19	E2AP5	6410	7.56	18964	10.33	10047	14.20
20	E2AP7	6522	7.56	19461	10.33	10440	14.20
21	E2AQ8	6464	7.56	19169	10.33	10182	14.20
22	E2AR3	6622	7.56	19620	10.33	10602	14.20
23	E1PK4	6632	7.56	19584	10.33	10435	14.20

8B

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BM121924 SAS No.: BM121924 SDG NO.: BM121924

EPA Sample No.: SSTD0.4015 Date Analyzed: Dec 20 2024 12:00AM

Lab File ID: BM049046.D Time Analyzed: 01:04

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	4849	7.569	14312	10.33	8144	14.20
UPPER LIMIT	9698	8.069	28624	10.83	16288	14.7
LOWER LIMIT	2424.5	7.069	7156	9.83	4072	13.7
EPA SAMPLE NO.						
24 E1PK5	5792	7.56	17077	10.32	9046	14.20
25 E1PK6	6141	7.56	18023	10.32	9607	14.20
26 E1PK7	5642	7.56	16725	10.33	8974	14.20
27 SLCS763	5244	7.56	15195	10.33	8606	14.20
28 SBLK763	5412	7.56	15343	10.33	8039	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.

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SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BM121924 SAS No.: BM121924 SDG NO.: BM121924

EPA Sample No.: SSTD0.4115 Date Analyzed: Dec 19 2024 12:00AM

Lab File ID: BM049061.D Time Analyzed: 10:08

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	5422	7.564	15751	10.33	8870	14.20
	UPPER LIMIT	10844	8.064	31502	10.83	17740	14.7
	LOWER LIMIT	2711	7.064	7875.5	9.83	4435	13.7
	EPA SAMPLE NO.						
01	SBLK663	5838	7.57	17225	10.33	9080	14.20
02	E2AN9	5760	7.57	17131	10.33	9288	14.20
03	E2AP0	5978	7.56	17623	10.33	9623	14.20
04	E2AP1	7408	7.57	21897	10.33	11938	14.20
05	E2AP2	5910	7.57	17566	10.33	9623	14.20
06	E2AP3	6023	7.57	17472	10.33	9558	14.20
07	E2AP4	6109	7.57	18304	10.33	9976	14.20
08	E2AQ4	6594	7.56	19499	10.33	10386	14.20
09	E2AP6	6731	7.56	20111	10.33	10787	14.20
10	E2AR4	6080	7.57	17919	10.33	9782	14.20
11	E2AR4MS	5914	7.57	17617	10.33	10009	14.20
12	E2AR4MSD	5323	7.57	16047	10.33	9095	14.20
13	E2AQ5	6482	7.57	18977	10.33	10211	14.20
14	E2AQ6	6861	7.56	20211	10.33	11167	14.20
15	E2AQ7	5986	7.57	17848	10.33	9612	14.20
16	SLCS663	5527	7.57	16391	10.33	9259	14.20

8B

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BM121924 SAS No.: BM121924 SDG NO.: BM121924

EPA Sample No.: SSTD0.4115 Date Analyzed: Dec 19 2024 12:00AM

Lab File ID: BM049061.D Time Analyzed: 19:05

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	5422	7.564	15751	10.33	8870	14.20
UPPER LIMIT	10844	8.064	31502	10.83	17740	14.7
LOWER LIMIT	2711	7.064	7875.5	9.83	4435	13.7
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.: BM121924 SAS No.: BM121924 SDG NO.: BM121924

EPA Sample No.: SSTD0.4116 Date Analyzed: Dec 19 2024 12:00AM

Lab File ID: BM049078.D Time Analyzed: 20:53

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	4509	7.565	13016	10.33	7184	14.20
UPPER LIMIT	9018	8.065	26032	10.826	14368	14.697
LOWER LIMIT	2254.5	7.065	6508	9.826	3592	13.697
EPA SAMPLE NO.						
01 SBLK663	5679	7.56	16398	10.33	8557	14.20
02 E2AN6	6272	7.56	18060	10.33	9661	14.20
03 E2AP5	6410	7.56	18964	10.33	10047	14.20
04 E2AP7	6522	7.56	19461	10.33	10440	14.20
05 E2AQ8	6464	7.56	19169	10.33	10182	14.20
06 E2AR3	6622	7.56	19620	10.33	10602	14.20
07 E1PK4	6632	7.56	19584	10.33	10435	14.20
08 E1PK5	5792	7.56	17077	10.32	9046	14.20
09 E1PK6	6141	7.56	18023	10.32	9607	14.20
10 E1PK7	5642	7.56	16725	10.33	8974	14.20
11 SLCS763	5244	7.56	15195	10.33	8606	14.20
12 SBLK763	5412	7.56	15343	10.33	8039	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.: BM121924 SAS No.: BM121924 SDG NO.: BM121924

EPA Sample No.: SSTD0.4015 Date Analyzed: Dec 19 2024 12:00AM

Lab File ID: BM049046.D Time Analyzed: 10:08

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	17209	16.95	14990	21.146	17133	23.306
	UPPER LIMIT	34418	17.45	29980	21.646	34266	23.806
	LOWER LIMIT	8604.5	16.45	7495	20.646	8566.5	22.806
	EPA SAMPLE NO.						
01	SBLK663	19881	16.95	14541	21.15	14824	23.31
02	E2AN9	20539	16.95	15725	21.15	15168	23.30
03	E2AP0	21016	16.95	15964	21.15	15141	23.30
04	E2AP1	25900	16.95	20729	21.15	20317	23.30
05	E2AP2	21110	16.95	16083	21.15	15447	23.30
06	E2AP3	20639	16.95	16209	21.15	15969	23.30
07	E2AP4	21884	16.95	17359	21.15	16580	23.31
08	E2AQ4	22878	16.95	17243	21.15	16606	23.30
09	E2AP6	23428	16.95	17283	21.15	17079	23.31
10	E2AR4	21021	16.95	15318	21.15	14892	23.31
11	E2AR4MS	20533	16.95	16277	21.15	17274	23.30
12	E2AR4MSD	18815	16.95	14699	21.15	15608	23.30
13	E2AQ5	21737	16.95	16306	21.15	15789	23.31
14	E2AQ6	24490	16.95	21113	21.15	19715	23.30
15	E2AQ7	20588	16.95	15918	21.15	14845	23.31
16	SLCS663	18899	16.95	14172	21.15	14764	23.31
17	SBLK663	18541	16.95	13830	21.15	13461	23.31
18	E2AN6	20619	16.95	16897	21.15	15744	23.30
19	E2AP5	21903	16.95	18007	21.15	16797	23.30
20	E2AP7	22224	16.95	16819	21.15	16040	23.30
21	E2AQ8	21634	16.95	16588	21.15	15721	23.30

8C

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BM121924 SAS No.: BM121924 SDG NO.: BM121924

EPA Sample No.: SSTD0.4015 Date Analyzed: Dec 19 2024 12:00AM

Lab File ID: BM049046.D Time Analyzed: 23:52

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	17209	16.95	14990	21.146	17133	23.306
UPPER LIMIT	34418	17.45	29980	21.646	34266	23.806
LOWER LIMIT	8604.5	16.45	7495	20.646	8566.5	22.806
EPA SAMPLE NO.						
22 E2AR3	22711	16.95	17197	21.15	16560	23.30
23 E1PK4	22409	16.95	16104	21.15	15771	23.30
24 E1PK5	19368	16.95	13710	21.15	13167	23.30
25 E1PK6	20201	16.95	14772	21.15	14027	23.30
26 E1PK7	19169	16.95	13802	21.15	13336	23.30
27 SLCS763	17418	16.95	12988	21.15	13724	23.30
28 SBLK763	17281	16.95	12694	21.15	12092	23.30

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.: BM121924 SAS No.: BM121924 SDG NO.: BM121924

EPA Sample No.: SSTD0.4115 Date Analyzed: Dec 19 2024 12:00AM

Lab File ID: BM049061.D Time Analyzed: 10:08

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	18445	16.95	14302	21.146	15984	23.306
	UPPER LIMIT	36890	17.45	28604	21.646	31968	23.806
	LOWER LIMIT	9222.5	16.45	7151	20.646	7992	22.806
	EPA SAMPLE NO.						
01	SBLK663	19881	16.95	14541	21.15	14824	23.31
02	E2AN9	20539	16.95	15725	21.15	15168	23.30
03	E2AP0	21016	16.95	15964	21.15	15141	23.30
04	E2AP1	25900	16.95	20729	21.15	20317	23.30
05	E2AP2	21110	16.95	16083	21.15	15447	23.30
06	E2AP3	20639	16.95	16209	21.15	15969	23.30
07	E2AP4	21884	16.95	17359	21.15	16580	23.31
08	E2AQ4	22878	16.95	17243	21.15	16606	23.30
09	E2AP6	23428	16.95	17283	21.15	17079	23.31
10	E2AR4	21021	16.95	15318	21.15	14892	23.31
11	E2AR4MS	20533	16.95	16277	21.15	17274	23.30
12	E2AR4MSD	18815	16.95	14699	21.15	15608	23.30
13	E2AQ5	21737	16.95	16306	21.15	15789	23.31
14	E2AQ6	24490	16.95	21113	21.15	19715	23.30
15	E2AQ7	20588	16.95	15918	21.15	14845	23.31
16	SLCS663	18899	16.95	14172	21.15	14764	23.31

8C

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BM121924 SAS No.: BM121924 SDG NO.: BM121924

EPA Sample No.: SSTD0.4115 Date Analyzed: Dec 19 2024 12:00AM

Lab File ID: BM049061.D Time Analyzed: 19:05

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	18445	16.95	14302	21.146	15984	23.306
UPPER LIMIT	36890	17.45	28604	21.646	31968	23.806
LOWER LIMIT	9222.5	16.45	7151	20.646	7992	22.806
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.: BM121924 SAS No.: BM121924 SDG NO.: BM121924

EPA Sample No.: SSTD0.4116 Date Analyzed: Dec 19 2024 12:00AM

Lab File ID: BM049078.D Time Analyzed: 20:53

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	15045	16.947	11434	21.146	12411	23.305
	UPPER LIMIT	30090	17.447	22868	21.646	24822	23.805
	LOWER LIMIT	7522.5	16.447	5717	20.646	6205.5	22.805
	EPA SAMPLE NO.						
01	SBLK663	18541	16.95	13830	21.15	13461	23.31
02	E2AN6	20619	16.95	16897	21.15	15744	23.30
03	E2AP5	21903	16.95	18007	21.15	16797	23.30
04	E2AP7	22224	16.95	16819	21.15	16040	23.30
05	E2AQ8	21634	16.95	16588	21.15	15721	23.30
06	E2AR3	22711	16.95	17197	21.15	16560	23.30
07	E1PK4	22409	16.95	16104	21.15	15771	23.30
08	E1PK5	19368	16.95	13710	21.15	13167	23.30
09	E1PK6	20201	16.95	14772	21.15	14027	23.30
10	E1PK7	19169	16.95	13802	21.15	13336	23.30
11	SLCS763	17418	16.95	12988	21.15	13724	23.30
12	SBLK763	17281	16.95	12694	21.15	12092	23.30

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.: BM121924

Client: _____

Analytical Method: SFAM_SVOASIM

DataFile: _____

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	RPD		Limits		RPD
								Qual	Low	High		
PB165663BS	1,4-Dioxane	66.7	63	ug/Kg	94				0	0		
	Naphthalene	13.3	15	ug/Kg	113				0	0		
	1-Methylnaphthalene	13.3	14	ug/Kg	105				0	0		
	2-Methylnaphthalene	13.3	14	ug/Kg	105				0	0		
	Acenaphthylene	13.3	14	ug/Kg	105				0	0		
	Acenaphthene	13.3	15	ug/Kg	113				0	0		
	Fluorene	13.3	15	ug/Kg	113				0	0		
	Pentachlorophenol	26.7	24	ug/Kg	90				0	0		
	Phenanthrene	13.3	15	ug/Kg	113				0	0		
	Anthracene	13.3	14	ug/Kg	105				0	0		
	Fluoranthene	13.3	16	ug/Kg	120				0	0		
	Pyrene	13.3	16	ug/Kg	120				0	0		
	Benzo(a)anthracene	13.3	15	ug/Kg	113				0	0		
	Chrysene	13.3	16	ug/Kg	120				0	0		
	Benzo(b)fluoranthene	13.3	16	ug/Kg	120				0	0		
	Benzo(k)fluoranthene	13.3	16	ug/Kg	120				0	0		
	Benzo(a)pyrene	13.3	16	ug/Kg	120				0	0		
	Indeno(1,2,3-cd)pyrene	13.3	15	ug/Kg	113				0	0		
	Dibenzo(a,h)anthracene	13.3	15	ug/Kg	113				0	0		
	Benzo(g,h,i)perylene	13.3	15	ug/Kg	113				0	0		

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: BM121924

Client: _____

Analytical Method: SFAM_SVOASIM

DataFile: _____

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	RPD		Limits		RPD
								Qual	Low	High		
PB165763BS	1,4-Dioxane	2	1.6	ug/L	80				0	0		
	Naphthalene	0.4	0.36	ug/L	90				0	0		
	1-Methylnaphthalene	0.4	0.35	ug/L	88				0	0		
	2-Methylnaphthalene	0.4	0.35	ug/L	88				0	0		
	Acenaphthylene	0.4	0.35	ug/L	88				0	0		
	Acenaphthene	0.4	0.35	ug/L	88				0	0		
	Fluorene	0.4	0.35	ug/L	88				0	0		
	Pentachlorophenol	0.8	0.61	ug/L	76				0	0		
	Phenanthrene	0.4	0.36	ug/L	90				0	0		
	Anthracene	0.4	0.35	ug/L	88				0	0		
	Fluoranthene	0.4	0.4	ug/L	100				0	0		
	Pyrene	0.4	0.4	ug/L	100				0	0		
	Benzo(a)anthracene	0.4	0.36	ug/L	90				0	0		
	Chrysene	0.4	0.39	ug/L	98				0	0		
	Benzo(b)fluoranthene	0.4	0.4	ug/L	100				0	0		
	Benzo(k)fluoranthene	0.4	0.4	ug/L	100				0	0		
	Benzo(a)pyrene	0.4	0.39	ug/L	98				0	0		
	Indeno(1,2,3-cd)pyrene	0.4	0.38	ug/L	95				0	0		
	Dibenzo(a,h)anthracene	0.4	0.38	ug/L	95				0	0		
	Benzo(g,h,i)perylene	0.4	0.39	ug/L	98				0	0		

4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

SBLK663

Lab Name: CHEMTECH

Contract: _____

Lab Code: CHEM Case No.: BM121924

SAS No.: BM121924 SDG NO.: BM121924

Lab File ID: BM049062.D

Lab Sample ID: PB165663BL

Instrument ID: BNA_M

Date Extracted: 12/16/2024

Matrix: (soil/water) Solid

Date Analyzed: 12/19/2024

Level: (low/med) LOW

Time Analyzed: 10:08

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
E2AN6	P5226-11	BM049080.D	12/19/2024
E2AP5	P5226-07	BM049081.D	12/19/2024
E2AP7	P5226-09	BM049082.D	12/19/2024
E2AQ8	P5226-22	BM049083.D	12/19/2024
E2AR3	P5226-23	BM049084.D	12/19/2024
E2AN9	P5226-01	BM049063.D	12/19/2024
E2AP0	P5226-02	BM049064.D	12/19/2024
E2AP1	P5226-03	BM049065.D	12/19/2024
E2AP2	P5226-04	BM049066.D	12/19/2024
E2AP3	P5226-05	BM049067.D	12/19/2024
E2AP4	P5226-06	BM049068.D	12/19/2024
E2AQ4	P5226-19	BM049069.D	12/19/2024
E2AP6	P5226-08	BM049070.D	12/19/2024
E2AR4	P5226-24	BM049071.D	12/19/2024
E2AR4MS	P5226-25MS	BM049072.D	12/19/2024
E2AR4MSD	P5226-26MSD	BM049073.D	12/19/2024
E2AQ5	P5226-13	BM049074.D	12/19/2024
E2AQ6	P5226-20	BM049075.D	12/19/2024
E2AQ7	P5226-21	BM049076.D	12/19/2024
PB165663BS	PB165663BS	BM049077.D	12/19/2024

COMMENTS: _____

4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

SBLK763

Lab Name: CHEMTECH

Contract: _____

Lab Code: CHEM Case No.: BM121924

SAS No.: BM121924 SDG NO.: BM121924

Lab File ID: BM049090.D

Lab Sample ID: PB165763BL

Instrument ID: BNA_M

Date Extracted: 12/19/2024

Matrix: (soil/water) Water

Date Analyzed: 12/20/2024

Level: (low/med) LOW

Time Analyzed: 03:28

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
E1PK4	P5348-01	BM049085.D	12/20/2024
E1PK5	P5348-02	BM049086.D	12/20/2024
E1PK6	P5348-03	BM049087.D	12/20/2024
E1PK7	P5348-04	BM049088.D	12/20/2024
PB165763BS	PB165763BS	BM049089.D	12/20/2024

COMMENTS: _____

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: BM121924

Client: _____

Analytical Method: SFAM_SVOASIM

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Low	Limits High	RPD
Lab Sample ID:	P5226-25MS	Client Sample ID:	E2AR4MS					DataFile:	BM049072.D		
1,4-Dioxane	75.8		34	ug/Kg	45				15	120	
Naphthalene	15.2		8.8	ug/Kg	58				0	0	
1-Methylnaphthalene	15.2		8.5	ug/Kg	56				0	0	
2-Methylnaphthalene	15.2		8.7	ug/Kg	57				0	0	
Acenaphthylene	15.2		8.7	ug/Kg	57				0	0	
Acenaphthene	15.2		9	ug/Kg	59				31	137	
Fluorene	15.2		9.1	ug/Kg	60				0	0	
Pentachlorophenol	30.3			ug/Kg	0	*			17	109	
Phenanthrene	15.2		9.6	ug/Kg	63				0	0	
Anthracene	15.2		9.1	ug/Kg	60				0	0	
Fluoranthene	15.2		10	ug/Kg	66				0	0	
Pyrene	15.2		10	ug/Kg	66				35	142	
Benzo(a)anthracene	15.2		9.8	ug/Kg	64				0	0	
Chrysene	15.2		10	ug/Kg	66				0	0	
Benzo(b)fluoranthene	15.2		10	ug/Kg	66				0	0	
Benzo(k)fluoranthene	15.2		11	ug/Kg	72				0	0	
Benzo(a)pyrene	15.2		9.6	ug/Kg	63				0	0	
Indeno(1,2,3-cd)pyrene	15.2		9.6	ug/Kg	63				0	0	
Dibenzo(a,h)anthracene	15.2		9.6	ug/Kg	63				0	0	
Benzo(g,h,i)perylene	15.2		9.7	ug/Kg	64				0	0	

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: BM121924

Client: _____

Analytical Method: SFAM_SVOASIM

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Low	Limits High	RPD
Lab Sample ID:	P5226-26MSD	Client Sample ID:	E2AR4MSD					DataFile:	BM049073.D		
1,4-Dioxane	75.8		39	ug/Kg	51		13		15	120	50
Naphthalene	15.2		9.8	ug/Kg	64		10	*	0	0	0
1-Methylnaphthalene	15.2		9.5	ug/Kg	63		12	*	0	0	0
2-Methylnaphthalene	15.2		9.7	ug/Kg	64		12	*	0	0	0
Acenaphthylene	15.2		9.7	ug/Kg	64		12	*	0	0	0
Acenaphthene	15.2		10	ug/Kg	66		11		31	137	19
Fluorene	15.2		10	ug/Kg	66		10	*	0	0	0
Pentachlorophenol	30.3			ug/Kg	0	*			17	109	47
Phenanthrene	15.2		11	ug/Kg	72		13	*	0	0	0
Anthracene	15.2		10	ug/Kg	66		10	*	0	0	0
Fluoranthene	15.2		12	ug/Kg	79		18	*	0	0	0
Pyrene	15.2		12	ug/Kg	79		18		35	142	36
Benzo(a)anthracene	15.2		11	ug/Kg	72		12	*	0	0	0
Chrysene	15.2		11	ug/Kg	72		9	*	0	0	0
Benzo(b)fluoranthene	15.2		12	ug/Kg	79		18	*	0	0	0
Benzo(k)fluoranthene	15.2		12	ug/Kg	79		9	*	0	0	0
Benzo(a)pyrene	15.2		11	ug/Kg	72		13	*	0	0	0
Indeno(1,2,3-cd)pyrene	15.2		11	ug/Kg	72		13	*	0	0	0
Dibenzo(a,h)anthracene	15.2		11	ug/Kg	72		13	*	0	0	0
Benzo(g,h,i)perylene	15.2		11	ug/Kg	72		12	*	0	0	0

Surrogate Summary

SW-846

SDG No.: **BM121924**

Client: _____

Analytical Method: **SFAM_SVOASIM**

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P5226-01	E2AN9	BM049063.D	1,4-Dioxane-d8	8	3.43	43		15	120
			Fluoranthene-d10	0.4	0.25	63		30	130
			2-Methylnaphthalene-d10	0.4	0.21	52		20	140
P5226-02	E2AP0	BM049064.D	1,4-Dioxane-d8	8	4.12	51		15	120
			Fluoranthene-d10	0.4	0.26	64		30	130
			2-Methylnaphthalene-d10	0.4	0.24	60		20	140
P5226-03	E2AP1	BM049065.D	1,4-Dioxane-d8	8	2.56	32		15	120
			Fluoranthene-d10	0.4	0.15	37		30	130
			2-Methylnaphthalene-d10	0.4	0.15	38		20	140
P5226-04	E2AP2	BM049066.D	1,4-Dioxane-d8	8	3.16	40		15	120
			Fluoranthene-d10	0.4	0.22	55		30	130
			2-Methylnaphthalene-d10	0.4	0.17	41		20	140
P5226-05	E2AP3	BM049067.D	1,4-Dioxane-d8	8	2.91	36		15	120
			Fluoranthene-d10	0.4	0.18	45		30	130
			2-Methylnaphthalene-d10	0.4	0.17	43		20	140
P5226-06	E2AP4	BM049068.D	1,4-Dioxane-d8	8	3.21	40		15	120
			Fluoranthene-d10	0.4	0.20	49		30	130
			2-Methylnaphthalene-d10	0.4	0.19	48		20	140
P5226-07	E2AP5	BM049081.D	1,4-Dioxane-d8	8	3.55	44		15	120
			Fluoranthene-d10	0.4	0.26	64		30	130
			2-Methylnaphthalene-d10	0.4	0.23	58		20	140
P5226-08	E2AP6	BM049070.D	1,4-Dioxane-d8	8	3.04	38		15	120
			Fluoranthene-d10	0.4	0.23	57		30	130
			2-Methylnaphthalene-d10	0.4	0.21	52		20	140
P5226-09	E2AP7	BM049082.D	1,4-Dioxane-d8	8	2.78	35		15	120
			Fluoranthene-d10	0.4	0.20	50		30	130
			2-Methylnaphthalene-d10	0.4	0.18	44		20	140
P5226-11	E2AN6	BM049080.D	1,4-Dioxane-d8	8	3.76	47		15	120
			Fluoranthene-d10	0.4	0.22	56		30	130
			2-Methylnaphthalene-d10	0.4	0.22	55		20	140
P5226-13	E2AQ5	BM049074.D	1,4-Dioxane-d8	8	3.46	43		15	120
			Fluoranthene-d10	0.4	0.22	55		30	130
			2-Methylnaphthalene-d10	0.4	0.20	50		20	140
P5226-19	E2AQ4	BM049069.D	1,4-Dioxane-d8	8	3.40	42		15	120
			Fluoranthene-d10	0.4	0.19	49		30	130
			2-Methylnaphthalene-d10	0.4	0.20	50		20	140
P5226-20	E2AQ6	BM049075.D	1,4-Dioxane-d8	8	3.13	39		15	120
			Fluoranthene-d10	0.4	0.17	43		30	130
			2-Methylnaphthalene-d10	0.4	0.19	47		20	140
P5226-21	E2AQ7	BM049076.D	1,4-Dioxane-d8	8	3.43	43		15	120
			Fluoranthene-d10	0.4	0.20	49		30	130
			2-Methylnaphthalene-d10	0.4	0.20	49		20	140
P5226-22	E2AQ8	BM049083.D	1,4-Dioxane-d8	8	3.85	48		15	120
			Fluoranthene-d10	0.4	0.27	67		30	130
			2-Methylnaphthalene-d10	0.4	0.24	60		20	140
P5226-23	E2AR3	BM049084.D	1,4-Dioxane-d8	8	2.99	37		15	120
			Fluoranthene-d10	0.4	0.16	41		30	130
			2-Methylnaphthalene-d10	0.4	0.17	43		20	140
P5226-24	E2AR4	BM049071.D	1,4-Dioxane-d8	8	3.11	39		15	120

Surrogate Summary

SW-846

SDG No.: **BM121924**

Client: _____

Analytical Method: **SFAM_SVOASIM**

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P5226-24	E2AR4	BM049071.D	Fluoranthene-d10	0.4	0.22	54		30	130
			2-Methylnaphthalene-d10	0.4	0.20	49		20	140
P5226-25MS	E2AR4MS	BM049072.D	1,4-Dioxane-d8	0.8	0.36	45		15	120
			Fluoranthene-d10	0.4	0.28	69		30	130
P5226-26MSD	E2AR4MSD	BM049073.D	2-Methylnaphthalene-d10	0.4	0.23	58		20	140
			1,4-Dioxane-d8	0.8	0.40	50		15	120
			Fluoranthene-d10	0.4	0.31	78		30	130
			2-Methylnaphthalene-d10	0.4	0.27	67		20	140
PB165663BL	PB165663BL	BM049062.D	1,4-Dioxane-d8	8	5.72	71		15	120
		BM049079.D	1,4-Dioxane-d8	8	5.84	73		15	120
		BM049062.D	Fluoranthene-d10	0.4	0.33	82		30	130
			2-Methylnaphthalene-d10	0.4	0.33	83		30	130
		BM049079.D	2-Methylnaphthalene-d10	0.4	0.30	75		20	140
			2-Methylnaphthalene-d10	0.4	0.30	75		20	140
PB165663BS	PB165663BS	BM049077.D	1,4-Dioxane-d8	0.8	0.79	99		15	120
			Fluoranthene-d10	0.4	0.51	128		30	130
			2-Methylnaphthalene-d10	0.4	0.47	116		20	140

Surrogate Summary

SW-846

SDG No.: BM121924

Client: _____

Analytical Method: SFAM_SVOASIM

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P5348-01	E1PK4	BM049085.D	1,4-Dioxane-d8	8	4.78	60		15	120
			Fluoranthene-d10	0.4	0.36	90		30	130
			2-Methylnaphthalene-d10	0.4	0.28	69		30	130
P5348-02	E1PK5	BM049086.D	1,4-Dioxane-d8	8	4.47	56		15	120
			Fluoranthene-d10	0.4	0.44	111		30	130
			2-Methylnaphthalene-d10	0.4	0.35	86		30	130
P5348-03	E1PK6	BM049087.D	1,4-Dioxane-d8	8	4.58	57		15	120
			Fluoranthene-d10	0.4	0.43	107		30	130
			2-Methylnaphthalene-d10	0.4	0.35	88		30	130
P5348-04	E1PK7	BM049088.D	1,4-Dioxane-d8	8	4.58	57		15	120
			Fluoranthene-d10	0.4	0.46	114		30	130
			2-Methylnaphthalene-d10	0.4	0.37	91		30	130
PB165763BL	PB165763BL	BM049090.D	1,4-Dioxane-d8	8	5.44	68		15	120
			Fluoranthene-d10	0.4	0.32	80		30	130
			2-Methylnaphthalene-d10	0.4	0.28	70		30	130
PB165763BS	PB165763BS	BM049089.D	1,4-Dioxane-d8	0.8	0.65	82		15	120
			Fluoranthene-d10	0.4	0.42	104		30	130
			2-Methylnaphthalene-d10	0.4	0.37	93		30	130

5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: CHEMTECH

Contract: BM121924

Lab Code: CHEM

SAS No.: BM121924 SDG NO.: BM121924

Lab File ID: BM049060.D

DFTPP Injection Date: 12/19/2024

Instrument ID: BNA_M

DFTPP Injection Time: 08:50

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
51	10.0 - 80.0% of mass 198	32.4
68	Less than 2.0% of mass 69	0.5 (1.5) 1
69	Mass 69 relative abundance	35.7
70	Less than 2.0% of mass 69	0.2 (0.4) 1
127	10.0 - 80.0% of mass 198	42.2
197	Less than 2.0% of mass 198	0.3
198	Base Peak, 100% relative abundance	100
199	5.0 to 9.0% of mass 198	6.9
275	10.0 - 60.0% of mass 198	24.1
365	Greater than 1% of mass 198	3.3
441	Present, but less than mass 443	10.2
442	Greater than 50% of mass 198	63.4
443	15.0 - 24.0% of mass 442	12.3 (19.4) 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
SSTD0.4115	SSTDCCC0.4	BM049061.D	12/19/2024	09:29
SBLK663	PB165663BL	BM049062.D	12/19/2024	10:08
E2AN9	P5226-01	BM049063.D	12/19/2024	10:44
E2AP0	P5226-02	BM049064.D	12/19/2024	11:20
E2AP1	P5226-03	BM049065.D	12/19/2024	11:55
E2AP2	P5226-04	BM049066.D	12/19/2024	12:31
E2AP3	P5226-05	BM049067.D	12/19/2024	13:07
E2AP4	P5226-06	BM049068.D	12/19/2024	13:43
E2AQ4	P5226-19	BM049069.D	12/19/2024	14:19
E2AP6	P5226-08	BM049070.D	12/19/2024	14:55
E2AR4	P5226-24	BM049071.D	12/19/2024	15:30
E2AR4MS	P5226-25MS	BM049072.D	12/19/2024	16:06
E2AR4MSD	P5226-26MSD	BM049073.D	12/19/2024	16:42
E2AQ5	P5226-13	BM049074.D	12/19/2024	17:18
E2AQ6	P5226-20	BM049075.D	12/19/2024	17:54
E2AQ7	P5226-21	BM049076.D	12/19/2024	18:30
SLCS663	PB165663BS	BM049077.D	12/19/2024	19:05
SSTD0.4116	SSTDCCC0.4	BM049078.D	12/19/2024	20:17

5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: CHEMTECH

Contract: BM121924

Lab Code: CHEM

SAS No.: BM121924 SDG NO.: BM121924

Lab File ID: BM049060.D

DFTPP Injection Date: 12/19/2024

Instrument ID: BNA_M

DFTPP Injection Time: 08:50

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
51	10.0 - 80.0% of mass 198	32.4
68	Less than 2.0% of mass 69	0.5 (1.5) 1
69	Mass 69 relative abundance	35.7
70	Less than 2.0% of mass 69	0.2 (0.4) 1
127	10.0 - 80.0% of mass 198	42.2
197	Less than 2.0% of mass 198	0.3
198	Base Peak, 100% relative abundance	100
199	5.0 to 9.0% of mass 198	6.9
275	10.0 - 60.0% of mass 198	24.1
365	Greater than 1% of mass 198	3.3
441	Present, but less than mass 443	10.2
442	Greater than 50% of mass 198	63.4
443	15.0 - 24.0% of mass 442	12.3 (19.4) 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
SBLK663	PB165663BL	BM049079.D	12/19/2024	20:53
E2AN6	P5226-11	BM049080.D	12/19/2024	21:29
E2AP5	P5226-07	BM049081.D	12/19/2024	22:05
E2AP7	P5226-09	BM049082.D	12/19/2024	22:41
E2AQ8	P5226-22	BM049083.D	12/19/2024	23:17
E2AR3	P5226-23	BM049084.D	12/19/2024	23:52
E1PK4	P5348-01	BM049085.D	12/20/2024	00:28
E1PK5	P5348-02	BM049086.D	12/20/2024	01:04
E1PK6	P5348-03	BM049087.D	12/20/2024	01:40
E1PK7	P5348-04	BM049088.D	12/20/2024	02:16
SLCS763	PB165763BS	BM049089.D	12/20/2024	02:52
SBLK763	PB165763BL	BM049090.D	12/20/2024	03:28
SSTD0.4117	SSTDCCC0.4EC	BM049091.D	12/20/2024	04:40