CHEMTECH
AN ALLIANCE TECHNICAL GROUP COMPANY
284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract:

Lab Code: CHEM Case No.: BN070124 SAS No.: BN070124 SDG No.: BN070124

Instrument ID: BNA_N Calibration Date/Time: 7/1/2024 12: 10:57

Lab File ID: BN032356.D Init. Calib. Date(s):

EPA Sample No.: SSTD0.4387 Init. Calib. Time(s):

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

COMPOUND	RRF	RRFCAL	MIN RRF	%D	MAX%D
1,4-Dioxane	0.506	0.482	0.010	-4.7257	40.0
1,4-Dioxane-d8	0.445	0.445	0.010	0.109	40.0
Naphthalene	1.059	1.089	0.600	2.9122	30.0
1-Methylnaphthalene	0.728	0.757	0.300	3.9676	30.0
2-Methylnaphthalene	0.702	0.703	0.300	0.2181	30.0
Acenaphthylene	1.664	1.874	0.900	12.6678	30.0
Acenaphthene	1.291	1.357	0.500	5.0905	30.0
Fluorene	1.539	1.426	0.700	-7.2855	30.0
Pentachlorophenol	0.091	0.086	0.010	-5.1825	50.0
Phenanthrene	1.097	1.115	0.300	1.6652	30.0
Anthracene	0.978	1.027	0.400	4.973	30.0
Fluoranthene	1.523	1.666	0.400	9.3691	30.0
Pyrene	1.592	1.714	0.500	7.6819	30.0
Benzo(a)anthracene	1.444	1.491	0.400	3.2649	30.0
Chrysene	1.585	1.561	0.400	-1.4962	30.0
Benzo(b)fluoranthene	1.738	1.342	0.200	-22.8064	30.0
Benzo(k)fluoranthene	1.689	1.383	0.200	-18.1179	30.0
Benzo(a)pyrene	1.209	1.321	0.200	9.2562	30.0
Indeno(1,2,3-cd)pyrene	1.893	1.632	0.200	-13.8218	30.0
Dibenzo(a,h)anthracene	1.407	1.241	0.200	-11.7584	30.0
Benzo(g,h,i)perylene	1.508	1.394	0.200	-7.5925	30.0
Fluoranthene-d10	1.204	1.314	0.400	9.1464	30.0
2-Methylnaphthalene-d10	0.600	0.606	0.300	1.1071	30.0

All other compounds must meet a minimum RRF of 0.010.

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SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract:

Lab Code: CHEM Case No.: BN070124 SAS No.: BN070124 SDG No.: BN070124

Instrument ID: BNA_N Calibration Date/Time: 7/1/2024 12: 17:02

Lab File ID: BN032366.D Init. Calib. Date(s):

EPA Sample No.: SSTD0.4388 Init. Calib. Time(s):

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

COMPOUND	RRF	RRFCAL	MIN RRF	%D	MAX%D
1,4-Dioxane	0.506	0.523	0.010	3.2605	40.0
1,4-Dioxane-d8	0.445	0.484	0.010	8.9633	40.0
Naphthalene	1.059	1.093	0.600	3.2671	30.0
1-Methylnaphthalene	0.728	0.706	0.300	-2.9843	30.0
2-Methylnaphthalene	0.702	0.657	0.300	-6.3427	30.0
Acenaphthylene	1.664	1.838	0.900	10.4717	30.0
Acenaphthene	1.291	1.354	0.500	4.8991	30.0
Fluorene	1.539	1.400	0.700	-9.001	30.0
Pentachlorophenol	0.091	0.099	0.010	9.333	50.0
Phenanthrene	1.097	1.100	0.300	0.3415	30.0
Anthracene	0.978	1.007	0.400	2.9528	30.0
Fluoranthene	1.523	1.492	0.400	-2.0569	30.0
Pyrene	1.592	1.570	0.500	-1.3575	30.0
Benzo(a)anthracene	1.444	1.443	0.400	-0.0352	30.0
Chrysene	1.585	1.588	0.400	0.2126	30.0
Benzo(b)fluoranthene	1.738	1.326	0.200	-23.6818	30.0
Benzo(k)fluoranthene	1.689	1.413	0.200	-16.2967	30.0
Benzo(a)pyrene	1.209	1.361	0.200	12.5497	30.0
Indeno(1,2,3-cd)pyrene	1.893	1.689	0.200	-10.7767	30.0
Dibenzo(a,h)anthracene	1.407	1.332	0.200	-5.2984	30.0
Benzo(g,h,i)perylene	1.508	1.407	0.200	-6.6783	30.0
Fluoranthene-d10	1.204	1.170	0.400	-2.7577	30.0
2-Methylnaphthalene-d10	0.600	0.566	0.300	-5.595	30.0

All other compounds must meet a minimum RRF of 0.010.

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SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract:

Lab Code: CHEM Case No.: BN070124 SAS No.: BN070124 SDG No.: BN070124

Instrument ID: BNA_N Calibration Date/Time: 7/2/2024 12: 03:57

Lab File ID: BN032382.D Init. Calib. Date(s):

EPA Sample No.: SSTD0.4389 Init. Calib. Time(s):

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

COMPOUND	RRF	RRFCAL	MIN RRF	%D	MAX%D
1,4-Dioxane	0.506	0.498	0.010	-1.6555	40.0
1,4-Dioxane-d8	0.445	0.466	0.010	4.8578	40.0
Naphthalene	1.059	1.098	0.600	3.7484	30.0
1-Methylnaphthalene	0.728	0.699	0.300	-3.9283	30.0
2-Methylnaphthalene	0.702	0.651	0.300	-7.1655	30.0
Acenaphthylene	1.664	1.857	0.900	11.631	30.0
Acenaphthene	1.291	1.351	0.500	4.6327	30.0
Fluorene	1.539	1.387	0.700	-9.824	30.0
Pentachlorophenol	0.091	0.099	0.010	9.7043	50.0
Phenanthrene	1.097	1.107	0.300	0.9177	30.0
Anthracene	0.978	1.035	0.400	5.7624	30.0
Fluoranthene	1.523	1.486	0.400	-2.4588	30.0
Pyrene	1.592	1.556	0.500	-2.2624	30.0
Benzo(a)anthracene	1.444	1.472	0.400	1.99	30.0
Chrysene	1.585	1.574	0.400	-0.6856	30.0
Benzo(b)fluoranthene	1.738	1.342	0.200	-22.7855	30.0
Benzo(k)fluoranthene	1.689	1.418	0.200	-15.9973	30.0
Benzo(a)pyrene	1.209	1.350	0.200	11.6785	30.0
Indeno(1,2,3-cd)pyrene	1.893	1.695	0.200	-10.4699	30.0
Dibenzo(a,h)anthracene	1.407	1.351	0.200	-3.9867	30.0
Benzo(g,h,i)perylene	1.508	1.398	0.200	-7.3128	30.0
Fluoranthene-d10	1.204	1.155	0.400	-4.0467	30.0
2-Methylnaphthalene-d10	0.600	0.557	0.300	-7.1074	30.0

All other compounds must meet a minimum RRF of 0.010.

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Report of Analysis

Client:				Date Collected:	6/20/2024 12:00:00 AM
Project:				Date Received:	6/20/2024 12:00:00 AM
Client Sample ID:	SBLK603			SDG No.:	BN070124
Lab Sample ID:	PB161603BL			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
BN032357.D	1	6/20/2024 12:00:00 AM	7/1/2024 12:00:00 AM	PB161603

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	1.1	U	1.1	0	6.7	ug/Kg
91-20-3	Naphthalene	0.37	U	0.37	0.83	3.3	ug/Kg
90-12-0	1-Methylnaphthalene	0.85	U	0.85	0.83	3.3	ug/Kg
91-57-6	2-Methylnaphthalene	0.34	U	0.34	0.83	3.3	ug/Kg
208-96-8	Acenaphthylene	0.47	U	0.47	0.83	3.3	ug/Kg
83-32-9	Acenaphthene	0.39	U	0.39	0.83	3.3	ug/Kg
86-73-7	Fluorene	0.68	U	0.68	0.83	3.3	ug/Kg
87-86-5	Pentachlorophenol	1.4	U	1.4	1.7	6.7	ug/Kg
85-01-8	Phenanthrene	0.51	U	0.51	0.83	3.3	ug/Kg
120-12-7	Anthracene	0.52	U	0.52	0.83	3.3	ug/Kg
206-44-0	Fluoranthene	0.68	U	0.68	0.83	3.3	ug/Kg
129-00-0	Pyrene	0.52	U	0.52	0.83	3.3	ug/Kg
56-55-3	Benzo(a)anthracene	0.42	U	0.42	0.83	3.3	ug/Kg
218-01-9	Chrysene	0.42	U	0.42	0.83	3.3	ug/Kg
205-99-2	Benzo(b)fluoranthene	0.21	U	0.21	0.83	3.3	ug/Kg
207-08-9	Benzo(k)fluoranthene	0.39	U	0.39	0.83	3.3	ug/Kg
50-32-8	Benzo(a)pyrene	0.36	U	0.36	0.83	3.3	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	0.86	U	0.86	0.83	3.3	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	0.89	U	0.89	0.83	3.3	ug/Kg
191-24-2	Benzo(g,h,i)perylene	0.98	U	0.98	0.83	3.3	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	4.496		15-120		56	SPK: -8
93951-69-0	Fluoranthene-d10	0.298		30-130		75	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.258		20-140		64	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	9458	7.612				
1146-65-2	Naphthalene-d8	31071	10.387				
15067-26-2	Acenaphthene-d10	17919	14.258				

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Report of Analysis

Client:				Date Collected:	6/20/2024 12:00:00 AM
Project:				Date Received:	6/20/2024 12:00:00 AM
Client Sample ID:	SBLK603			SDG No.:	BN070124
Lab Sample ID:	PB161603BL			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
BN032357.D	1	6/20/2024 12:00:00 AM	7/1/2024 12:00:00 AM	PB161603

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	30921	17.012				
1719-03-5	Chrysene-d12	20835	21.22				
1520-96-3	Perylene-d12	22061	23.436				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	1.1	U			99	ug/Kg

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Report of Analysis

Client:				Date Collected:	6/17/2024 12:00:00 AM
Project:				Date Received:	6/17/2024 12:00:00 AM
Client Sample ID:	A4DN5			SDG No.:	BN070124
Lab Sample ID:	P2934-25			Matrix:	Solid
Analytical Method:	SFAM_SVOASIM			% Moisture:	0
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
BN032358.D	1	6/19/2024 12:00:00 AM	7/1/2024 12:00:00 AM	PB161584

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	1.1	U	1.1	0	6.7	ug/Kg
91-20-3	Naphthalene	590	E	0.37	0.82	3.3	ug/Kg
90-12-0	1-Methylnaphthalene	0.85	U	0.85	0.82	3.3	ug/Kg
91-57-6	2-Methylnaphthalene	0.34	U	0.34	0.82	3.3	ug/Kg
208-96-8	Acenaphthylene	620	E	0.47	0.82	3.3	ug/Kg
83-32-9	Acenaphthene	480	E	0.39	0.82	3.3	ug/Kg
86-73-7	Fluorene	240	E	0.68	0.82	3.3	ug/Kg
87-86-5	Pentachlorophenol	1.4	U	1.4	1.7	6.7	ug/Kg
85-01-8	Phenanthrene	270	E	0.51	0.82	3.3	ug/Kg
120-12-7	Anthracene	220	E	0.52	0.82	3.3	ug/Kg
206-44-0	Fluoranthene	300	E	0.68	0.82	3.3	ug/Kg
129-00-0	Pyrene	350	E	0.52	0.82	3.3	ug/Kg
56-55-3	Benzo(a)anthracene	110	E	0.42	0.82	3.3	ug/Kg
218-01-9	Chrysene	180	E	0.42	0.82	3.3	ug/Kg
205-99-2	Benzo(b)fluoranthene	170	E	0.21	0.82	3.3	ug/Kg
207-08-9	Benzo(k)fluoranthene	140	E	0.39	0.82	3.3	ug/Kg
50-32-8	Benzo(a)pyrene	260	E	0.36	0.82	3.3	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	210	E	0.86	0.82	3.3	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	180	E	0.89	0.82	3.3	ug/Kg
191-24-2	Benzo(g,h,i)perylene	180	E	0.98	0.82	3.3	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	0.449		15-120		56	SPK: -0.8
93951-69-0	Fluoranthene-d10	0.355		30-130		89	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.294		20-140		74	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	6755	7.612				
1146-65-2	Naphthalene-d8	20807	10.387				
15067-26-2	Acenaphthene-d10	11020	14.258				

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Report of Analysis

Client:				Date Collected:	6/17/2024 12:00:00 AM
Project:				Date Received:	6/17/2024 12:00:00 AM
Client Sample ID:	A4DN5			SDG No.:	BN070124
Lab Sample ID:	P2934-25			Matrix:	Solid
Analytical Method:	SFAM_SVOASIM			% Moisture:	0
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
BN032358.D	1	6/19/2024 12:00:00 AM	7/1/2024 12:00:00 AM	PB161584

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	19576	17.012				
1719-03-5	Chrysene-d12	15461	21.214				
1520-96-3	Perylene-d12	18258	23.433				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	1.1	U			99	ug/Kg

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Report of Analysis

Client:				Date Collected:	6/17/2024 12:00:00 AM
Project:				Date Received:	6/17/2024 12:00:00 AM
Client Sample ID:	A4DN7			SDG No.:	BN070124
Lab Sample ID:	P2871-21			Matrix:	Solid
Analytical Method:	SFAM_SVOASIM			% Moisture:	0
Sample Wt/Vol:	30.2	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
BN032359.D	1	6/20/2024 12:00:00 AM	7/1/2024 12:00:00 AM	PB161603

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	1.1	U	1.1	0	6.7	ug/Kg
91-20-3	Naphthalene	290	E	0.37	0.82	3.3	ug/Kg
90-12-0	1-Methylnaphthalene	0.84	U	0.84	0.82	3.3	ug/Kg
91-57-6	2-Methylnaphthalene	0.34	U	0.34	0.82	3.3	ug/Kg
208-96-8	Acenaphthylene	120	E	0.47	0.82	3.3	ug/Kg
83-32-9	Acenaphthene	290	E	0.39	0.82	3.3	ug/Kg
86-73-7	Fluorene	120	E	0.68	0.82	3.3	ug/Kg
87-86-5	Pentachlorophenol	1.4	U	1.4	1.7	6.7	ug/Kg
85-01-8	Phenanthrene	100	E	0.51	0.82	3.3	ug/Kg
120-12-7	Anthracene	550	E	0.52	0.82	3.3	ug/Kg
206-44-0	Fluoranthene	150	E	0.68	0.82	3.3	ug/Kg
129-00-0	Pyrene	70	E	0.52	0.82	3.3	ug/Kg
56-55-3	Benzo(a)anthracene	150	E	0.42	0.82	3.3	ug/Kg
218-01-9	Chrysene	52		0.42	0.82	3.3	ug/Kg
205-99-2	Benzo(b)fluoranthene	95	E	0.21	0.82	3.3	ug/Kg
207-08-9	Benzo(k)fluoranthene	120	E	0.39	0.82	3.3	ug/Kg
50-32-8	Benzo(a)pyrene	51		0.36	0.82	3.3	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	190	E	0.85	0.82	3.3	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	190	E	0.88	0.82	3.3	ug/Kg
191-24-2	Benzo(g,h,i)perylene	150	E	0.97	0.82	3.3	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	0.515		15-120		64	SPK: -0.8
93951-69-0	Fluoranthene-d10	0.38		30-130		95	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.316		20-140		79	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	6035	7.612				
1146-65-2	Naphthalene-d8	19373	10.387				
15067-26-2	Acenaphthene-d10	10650	14.253				

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Report of Analysis

Client:				Date Collected:	6/17/2024 12:00:00 AM
Project:				Date Received:	6/17/2024 12:00:00 AM
Client Sample ID:	A4DN7			SDG No.:	BN070124
Lab Sample ID:	P2871-21			Matrix:	Solid
Analytical Method:	SFAM_SVOASIM			% Moisture:	0
Sample Wt/Vol:	30.2	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
BN032359.D	1	6/20/2024 12:00:00 AM	7/1/2024 12:00:00 AM	PB161603

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	18985	17.012				
1719-03-5	Chrysene-d12	14623	21.217				
1520-96-3	Perylene-d12	16927	23.436				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	1.1	U			99	ug/Kg

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Report of Analysis

Client:				Date Collected:	6/17/2024 12:00:00 AM
Project:				Date Received:	6/17/2024 12:00:00 AM
Client Sample ID:	A4DN5DL			SDG No.:	BN070124
Lab Sample ID:	P2934-25DL			Matrix:	Solid
Analytical Method:	SFAM_SVOASIM			% Moisture:	0
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
BN032360.D	10	6/19/2024 12:00:00 AM	7/1/2024 12:00:00 AM	PB161584

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	11	U	11	0	67	ug/Kg
91-20-3	Naphthalene	620	ED	3.7	8.2	33	ug/Kg
90-12-0	1-Methylnaphthalene	8.5	U	8.5	8.2	33	ug/Kg
91-57-6	2-Methylnaphthalene	3.4	U	3.4	8.2	33	ug/Kg
208-96-8	Acenaphthylene	610	ED	4.7	8.2	33	ug/Kg
83-32-9	Acenaphthene	510	D	3.9	8.2	33	ug/Kg
86-73-7	Fluorene	240	D	6.8	8.2	33	ug/Kg
87-86-5	Pentachlorophenol	14	U	14	16.7	67	ug/Kg
85-01-8	Phenanthrene	280	D	5.1	8.2	33	ug/Kg
120-12-7	Anthracene	210	D	5.2	8.2	33	ug/Kg
206-44-0	Fluoranthene	330	D	6.8	8.2	33	ug/Kg
129-00-0	Pyrene	380	D	5.2	8.2	33	ug/Kg
56-55-3	Benzo(a)anthracene	110	D	4.2	8.2	33	ug/Kg
218-01-9	Chrysene	190	D	4.2	8.2	33	ug/Kg
205-99-2	Benzo(b)fluoranthene	170	D	2.1	8.2	33	ug/Kg
207-08-9	Benzo(k)fluoranthene	150	D	3.9	8.2	33	ug/Kg
50-32-8	Benzo(a)pyrene	270	D	3.6	8.2	33	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	220	D	8.6	8.2	33	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	190	D	8.9	8.2	33	ug/Kg
191-24-2	Benzo(g,h,i)perylene	190	D	9.8	8.2	33	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	0.6		15-120		75	SPK: -0.8
93951-69-0	Fluoranthene-d10	0.38		30-130		95	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	6898	7.612				
1146-65-2	Naphthalene-d8	23345	10.387				
15067-26-2	Acenaphthene-d10	13498	14.258				

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Report of Analysis

Client:				Date Collected:	6/17/2024 12:00:00 AM
Project:				Date Received:	6/17/2024 12:00:00 AM
Client Sample ID:	A4DN5DL			SDG No.:	BN070124
Lab Sample ID:	P2934-25DL			Matrix:	Solid
Analytical Method:	SFAM_SVOASIM			% Moisture:	0
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
BN032360.D	10	6/19/2024 12:00:00 AM	7/1/2024 12:00:00 AM	PB161584

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	22526	17.012				
1719-03-5	Chrysene-d12	16006	21.22				
1520-96-3	Perylene-d12	19146	23.438				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	11	U			99	ug/Kg

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Report of Analysis

Client:				Date Collected:	6/17/2024 12:00:00 AM
Project:				Date Received:	6/17/2024 12:00:00 AM
Client Sample ID:	A4DN7DL			SDG No.:	BN070124
Lab Sample ID:	P2871-21DL			Matrix:	Solid
Analytical Method:	SFAM_SVOASIM			% Moisture:	0
Sample Wt/Vol:	30.2	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
BN032361.D	10	6/20/2024 12:00:00 AM	7/1/2024 12:00:00 AM	PB161603

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	11	U	11	0	67	ug/Kg
91-20-3	Naphthalene	270	D	3.7	8.2	33	ug/Kg
90-12-0	1-Methylnaphthalene	8.4	U	8.4	8.2	33	ug/Kg
91-57-6	2-Methylnaphthalene	3.4	U	3.4	8.2	33	ug/Kg
208-96-8	Acenaphthylene	100	D	4.7	8.2	33	ug/Kg
83-32-9	Acenaphthene	270	D	3.9	8.2	33	ug/Kg
86-73-7	Fluorene	100	D	6.8	8.2	33	ug/Kg
87-86-5	Pentachlorophenol	14	U	14	16.6	67	ug/Kg
85-01-8	Phenanthrene	91	D	5.1	8.2	33	ug/Kg
120-12-7	Anthracene	480	D	5.2	8.2	33	ug/Kg
206-44-0	Fluoranthene	130	D	6.8	8.2	33	ug/Kg
129-00-0	Pyrene	60	D	5.2	8.2	33	ug/Kg
56-55-3	Benzo(a)anthracene	130	D	4.2	8.2	33	ug/Kg
218-01-9	Chrysene	53	D	4.2	8.2	33	ug/Kg
205-99-2	Benzo(b)fluoranthene	85	D	2.1	8.2	33	ug/Kg
207-08-9	Benzo(k)fluoranthene	110	D	3.9	8.2	33	ug/Kg
50-32-8	Benzo(a)pyrene	46	D	3.6	8.2	33	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	180	D	8.5	8.2	33	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	170	D	8.8	8.2	33	ug/Kg
191-24-2	Benzo(g,h,i)perylene	140	D	9.7	8.2	33	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	0.59		15-120		74	SPK: -0.8
93951-69-0	Fluoranthene-d10	0.32		30-130		80	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.28		20-140		70	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	6453	7.611				
1146-65-2	Naphthalene-d8	19424	10.387				
15067-26-2	Acenaphthene-d10	10613	14.258				

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Report of Analysis

Client:				Date Collected:	6/17/2024 12:00:00 AM
Project:				Date Received:	6/17/2024 12:00:00 AM
Client Sample ID:	A4DN7DL			SDG No.:	BN070124
Lab Sample ID:	P2871-21DL			Matrix:	Solid
Analytical Method:	SFAM_SVOASIM			% Moisture:	0
Sample Wt/Vol:	30.2	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
BN032361.D	10	6/20/2024 12:00:00 AM	7/1/2024 12:00:00 AM	PB161603

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	18742	17.016				
1719-03-5	Chrysene-d12	16259	21.22				
1520-96-3	Perylene-d12	19518	23.438				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	11	U			99	ug/Kg

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Report of Analysis

Client:				Date Collected:	6/17/2024 12:00:00 AM
Project:				Date Received:	6/17/2024 12:00:00 AM
Client Sample ID:	A4DN5DL2			SDG No.:	BN070124
Lab Sample ID:	P2934-25DL2			Matrix:	Solid
Analytical Method:	SFAM_SVOASIM			% Moisture:	0
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
BN032362.D	20	6/19/2024 12:00:00 AM	7/1/2024 12:00:00 AM	PB161584

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	22	U	22	0	130	ug/Kg
91-20-3	Naphthalene	600	D	7.4	16.4	66	ug/Kg
90-12-0	1-Methylnaphthalene	17	U	17	16.4	66	ug/Kg
91-57-6	2-Methylnaphthalene	6.8	U	6.8	16.4	66	ug/Kg
208-96-8	Acenaphthylene	570	D	9.4	16.4	66	ug/Kg
83-32-9	Acenaphthene	500	D	7.8	16.4	66	ug/Kg
86-73-7	Fluorene	230	D	14	16.4	66	ug/Kg
87-86-5	Pentachlorophenol	28	U	28	33.4	130	ug/Kg
85-01-8	Phenanthrene	260	D	10	16.4	66	ug/Kg
120-12-7	Anthracene	190	D	10	16.4	66	ug/Kg
206-44-0	Fluoranthene	270	D	14	16.4	66	ug/Kg
129-00-0	Pyrene	320	D	10	16.4	66	ug/Kg
56-55-3	Benzo(a)anthracene	92	D	8.4	16.4	66	ug/Kg
218-01-9	Chrysene	170	D	8.4	16.4	66	ug/Kg
205-99-2	Benzo(b)fluoranthene	150	D	4.2	16.4	66	ug/Kg
207-08-9	Benzo(k)fluoranthene	140	D	7.8	16.4	66	ug/Kg
50-32-8	Benzo(a)pyrene	240	D	7.2	16.4	66	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	200	D	17	16.4	66	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	170	D	18	16.4	66	ug/Kg
191-24-2	Benzo(g,h,i)perylene	170	D	20	16.4	66	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	0.68		15-120		85	SPK: -0.8
93951-69-0	Fluoranthene-d10	0.32		30-130		80	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.28		20-140		70	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	6605	7.612				
1146-65-2	Naphthalene-d8	20639	10.387				
15067-26-2	Acenaphthene-d10	11381	14.258				

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Report of Analysis

Client:				Date Collected:	6/17/2024 12:00:00 AM
Project:				Date Received:	6/17/2024 12:00:00 AM
Client Sample ID:	A4DN5DL2			SDG No.:	BN070124
Lab Sample ID:	P2934-25DL2			Matrix:	Solid
Analytical Method:	SFAM_SVOASIM			% Moisture:	0
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
BN032362.D	20	6/19/2024 12:00:00 AM	7/1/2024 12:00:00 AM	PB161584

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	19910	17.016				
1719-03-5	Chrysene-d12	18001	21.217				
1520-96-3	Perylene-d12	21853	23.436				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	22	U			99	ug/Kg

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Report of Analysis

Client:				Date Collected:	6/13/2024 12:00:00 AM
Project:				Date Received:	6/13/2024 12:00:00 AM
Client Sample ID:	E1GB1			SDG No.:	BN070124
Lab Sample ID:	P2898-08			Matrix:	Water
Analytical Method:	SFAM_SVOASIM			% Moisture:	100
Sample Wt/Vol:	1000	Units:	mL	Final Vol:	1000 uL
Soil Aliquot Vol:			uL	Test:	
Extraction Type :			Decanted :	Level :	LOW
Injection Volume :			GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN032363.D	1	6/18/2024 12:00:00 AM	7/1/2024 12:00:00 AM	PB161560

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	0.031	U	0.031	0	0.2	ug/L
91-20-3	Naphthalene	0.011	U	0.011	0.05	0.1	ug/L
90-12-0	1-Methylnaphthalene	0.024	U	0.024	0.05	0.1	ug/L
91-57-6	2-Methylnaphthalene	0.011	U	0.011	0.05	0.1	ug/L
208-96-8	Acenaphthylene	0.014	U	0.014	0.05	0.1	ug/L
83-32-9	Acenaphthene	0.013	U	0.013	0.05	0.1	ug/L
86-73-7	Fluorene	0.022	U	0.022	0.05	0.1	ug/L
87-86-5	Pentachlorophenol	0.041	U	0.041	0.1	0.2	ug/L
85-01-8	Phenanthrene	0.014	U	0.014	0.05	0.1	ug/L
120-12-7	Anthracene	0.011	U	0.011	0.05	0.1	ug/L
206-44-0	Fluoranthene	0.022	U	0.022	0.05	0.1	ug/L
129-00-0	Pyrene	0.016	U	0.016	0.05	0.1	ug/L
56-55-3	Benzo(a)anthracene	0.015	U	0.015	0.05	0.1	ug/L
218-01-9	Chrysene	0.014	U	0.014	0.05	0.1	ug/L
205-99-2	Benzo(b)fluoranthene	0.004	U	0.004	0.05	0.1	ug/L
207-08-9	Benzo(k)fluoranthene	0.019	U	0.019	0.05	0.1	ug/L
50-32-8	Benzo(a)pyrene	0.012	U	0.012	0.05	0.1	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	0.023	U	0.023	0.05	0.1	ug/L
53-70-3	Dibenzo(a,h)anthracene	0.026	U	0.026	0.05	0.1	ug/L
191-24-2	Benzo(g,h,i)perylene	0.025	U	0.025	0.05	0.1	ug/L
SURROGATES							
17647-74-4	1,4-Dioxane-d8	3.993		15-120		50	SPK: -8
93951-69-0	Fluoranthene-d10	0.334		30-130		83	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.287		30-130		72	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	8452	7.607				
1146-65-2	Naphthalene-d8	25999	10.386				
15067-26-2	Acenaphthene-d10	13989	14.256				

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Report of Analysis

Client:				Date Collected:	6/13/2024 12:00:00 AM
Project:				Date Received:	6/13/2024 12:00:00 AM
Client Sample ID:	E1GB1			SDG No.:	BN070124
Lab Sample ID:	P2898-08			Matrix:	Water
Analytical Method:	SFAM_SVOASIM			% Moisture:	100
Sample Wt/Vol:	1000	Units:	mL	Final Vol:	1000 uL
Soil Aliquot Vol:			uL	Test:	
Extraction Type :			Decanted :	Level :	LOW
Injection Volume :			GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN032363.D	1	6/18/2024 12:00:00 AM	7/1/2024 12:00:00 AM	PB161560

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	24174	17.011				
1719-03-5	Chrysene-d12	18347	21.219				
1520-96-3	Perylene-d12	19351	23.434				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	0.031	U			99	ug/L

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Report of Analysis

Client:				Date Collected:	6/17/2024 12:00:00 AM
Project:				Date Received:	6/17/2024 12:00:00 AM
Client Sample ID:	A4B56DL			SDG No.:	BN070124
Lab Sample ID:	P2934-20DL			Matrix:	Solid
Analytical Method:	SFAM_SVOASIM			% Moisture:	36.5
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
BN032364.D	5	6/19/2024 12:00:00 AM	7/1/2024 12:00:00 AM	PB161584

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	8.6	U	8.6	0	53	ug/Kg
91-20-3	Naphthalene	2.9	U	2.9	6.5	26	ug/Kg
90-12-0	1-Methylnaphthalene	6.7	U	6.7	6.5	26	ug/Kg
91-57-6	2-Methylnaphthalene	2.7	U	2.7	6.5	26	ug/Kg
208-96-8	Acenaphthylene	7.1	JD	3.7	6.5	26	ug/Kg
83-32-9	Acenaphthene	3.1	U	3.1	6.5	26	ug/Kg
86-73-7	Fluorene	5.3	U	5.3	6.5	26	ug/Kg
87-86-5	Pentachlorophenol	11	U	11	13.1	53	ug/Kg
85-01-8	Phenanthrene	59	D	4	6.5	26	ug/Kg
120-12-7	Anthracene	17	JD	4.1	6.5	26	ug/Kg
206-44-0	Fluoranthene	82	D	5.3	6.5	26	ug/Kg
129-00-0	Pyrene	76	D	4.1	6.5	26	ug/Kg
56-55-3	Benzo(a)anthracene	43	D	3.3	6.5	26	ug/Kg
218-01-9	Chrysene	36	D	3.3	6.5	26	ug/Kg
205-99-2	Benzo(b)fluoranthene	40	D	1.6	6.5	26	ug/Kg
207-08-9	Benzo(k)fluoranthene	17	JD	3.1	6.5	26	ug/Kg
50-32-8	Benzo(a)pyrene	43	D	2.8	6.5	26	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	20	JD	6.7	6.5	26	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	7	U	7	6.5	26	ug/Kg
191-24-2	Benzo(g,h,i)perylene	25	JD	7.7	6.5	26	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	3.125		15-120		39	SPK: -8
93951-69-0	Fluoranthene-d10	0.23		30-130		57	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.205		20-140		51	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	7515	7.612				
1146-65-2	Naphthalene-d8	21546	10.387				
15067-26-2	Acenaphthene-d10	11831	14.258				

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Report of Analysis

Client:				Date Collected:	6/17/2024 12:00:00 AM
Project:				Date Received:	6/17/2024 12:00:00 AM
Client Sample ID:	A4B56DL			SDG No.:	BN070124
Lab Sample ID:	P2934-20DL			Matrix:	Solid
Analytical Method:	SFAM_SVOASIM			% Moisture:	36.5
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
BN032364.D	5	6/19/2024 12:00:00 AM	7/1/2024 12:00:00 AM	PB161584

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	23508	17.012				
1719-03-5	Chrysene-d12	21095	21.217				
1520-96-3	Perylene-d12	23789	23.433				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	8.6	U			99	ug/Kg

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Report of Analysis

Client:				Date Collected:	6/17/2024 12:00:00 AM
Project:				Date Received:	6/17/2024 12:00:00 AM
Client Sample ID:	A4B73DL			SDG No.:	BN070124
Lab Sample ID:	P2934-22DL			Matrix:	Solid
Analytical Method:	SFAM_SVOASIM			% Moisture:	59.3
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
BN032365.D	5	6/19/2024 12:00:00 AM	7/1/2024 12:00:00 AM	PB161584

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	14	U	14	0	82	ug/Kg
91-20-3	Naphthalene	12	JD	4.5	10.1	41	ug/Kg
90-12-0	1-Methylnaphthalene	10	U	10	10.1	41	ug/Kg
91-57-6	2-Methylnaphthalene	4.2	U	4.2	10.1	41	ug/Kg
208-96-8	Acenaphthylene	26	JD	5.8	10.1	41	ug/Kg
83-32-9	Acenaphthene	15	JD	4.8	10.1	41	ug/Kg
86-73-7	Fluorene	16	JD	8.4	10.1	41	ug/Kg
87-86-5	Pentachlorophenol	17	U	17	20.6	82	ug/Kg
85-01-8	Phenanthrene	280	D	6.3	10.1	41	ug/Kg
120-12-7	Anthracene	56	D	6.4	10.1	41	ug/Kg
206-44-0	Fluoranthene	530	D	8.4	10.1	41	ug/Kg
129-00-0	Pyrene	330	D	6.4	10.1	41	ug/Kg
56-55-3	Benzo(a)anthracene	190	D	5.2	10.1	41	ug/Kg
218-01-9	Chrysene	230	D	5.2	10.1	41	ug/Kg
205-99-2	Benzo(b)fluoranthene	240	D	2.6	10.1	41	ug/Kg
207-08-9	Benzo(k)fluoranthene	94	D	4.8	10.1	41	ug/Kg
50-32-8	Benzo(a)pyrene	110	D	4.4	10.1	41	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	76	D	11	10.1	41	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	34	JD	11	10.1	41	ug/Kg
191-24-2	Benzo(g,h,i)perylene	15	JD	12	10.1	41	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	3.305		15-120		41	SPK: -8
93951-69-0	Fluoranthene-d10	0.25		30-130		63	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.21		20-140		52	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	7476	7.612				
1146-65-2	Naphthalene-d8	21127	10.387				
15067-26-2	Acenaphthene-d10	11225	14.258				

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Report of Analysis

Client:				Date Collected:	6/17/2024 12:00:00 AM
Project:				Date Received:	6/17/2024 12:00:00 AM
Client Sample ID:	A4B73DL			SDG No.:	BN070124
Lab Sample ID:	P2934-22DL			Matrix:	Solid
Analytical Method:	SFAM_SVOASIM			% Moisture:	59.3
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
BN032365.D	5	6/19/2024 12:00:00 AM	7/1/2024 12:00:00 AM	PB161584

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	21521	17.012				
1719-03-5	Chrysene-d12	19427	21.214				
1520-96-3	Perylene-d12	22099	23.43				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	14	U			99	ug/Kg

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Report of Analysis

Client:				Date Collected:	6/20/2024 12:00:00 AM
Project:				Date Received:	6/20/2024 12:00:00 AM
Client Sample ID:	SBLK603			SDG No.:	BN070124
Lab Sample ID:	PB161603BL			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
BN032367.D	1	6/20/2024 12:00:00 AM	7/1/2024 12:00:00 AM	PB161603

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	1.1	U	1.1	0	6.7	ug/Kg
91-20-3	Naphthalene	0.37	U	0.37	0.83	3.3	ug/Kg
90-12-0	1-Methylnaphthalene	0.85	U	0.85	0.83	3.3	ug/Kg
91-57-6	2-Methylnaphthalene	0.34	U	0.34	0.83	3.3	ug/Kg
208-96-8	Acenaphthylene	0.47	U	0.47	0.83	3.3	ug/Kg
83-32-9	Acenaphthene	0.39	U	0.39	0.83	3.3	ug/Kg
86-73-7	Fluorene	0.68	U	0.68	0.83	3.3	ug/Kg
87-86-5	Pentachlorophenol	1.4	U	1.4	1.7	6.7	ug/Kg
85-01-8	Phenanthrene	0.51	U	0.51	0.83	3.3	ug/Kg
120-12-7	Anthracene	0.52	U	0.52	0.83	3.3	ug/Kg
206-44-0	Fluoranthene	0.68	U	0.68	0.83	3.3	ug/Kg
129-00-0	Pyrene	0.52	U	0.52	0.83	3.3	ug/Kg
56-55-3	Benzo(a)anthracene	0.42	U	0.42	0.83	3.3	ug/Kg
218-01-9	Chrysene	0.42	U	0.42	0.83	3.3	ug/Kg
205-99-2	Benzo(b)fluoranthene	0.21	U	0.21	0.83	3.3	ug/Kg
207-08-9	Benzo(k)fluoranthene	0.39	U	0.39	0.83	3.3	ug/Kg
50-32-8	Benzo(a)pyrene	0.36	U	0.36	0.83	3.3	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	0.86	U	0.86	0.83	3.3	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	0.89	U	0.89	0.83	3.3	ug/Kg
191-24-2	Benzo(g,h,i)perylene	0.98	U	0.98	0.83	3.3	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	4.634		15-120		58	SPK: -8
93951-69-0	Fluoranthene-d10	0.294		30-130		74	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.251		20-140		63	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	8653	7.607				
1146-65-2	Naphthalene-d8	27698	10.382				
15067-26-2	Acenaphthene-d10	14908	14.253				

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Report of Analysis

Client:				Date Collected:	6/20/2024 12:00:00 AM
Project:				Date Received:	6/20/2024 12:00:00 AM
Client Sample ID:	SBLK603			SDG No.:	BN070124
Lab Sample ID:	PB161603BL			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
BN032367.D	1	6/20/2024 12:00:00 AM	7/1/2024 12:00:00 AM	PB161603

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	25139	17.012				
1719-03-5	Chrysene-d12	16488	21.223				
1520-96-3	Perylene-d12	16519	23.436				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	1.1	U			99	ug/Kg

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Report of Analysis

Client:				Date Collected:	6/17/2024 12:00:00 AM
Project:				Date Received:	6/17/2024 12:00:00 AM
Client Sample ID:	A4B72			SDG No.:	BN070124
Lab Sample ID:	P2934-05			Matrix:	Solid
Analytical Method:	SFAM_SVOASIM			% Moisture:	4.6
Sample Wt/Vol:	30	Units:	g	Final Vol:	500 uL
Soil Aliquot Vol:			uL	Test:	
Extraction Type :			Decanted :	Level :	LOW
Injection Volume :			GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN032368.D	1	6/19/2024 12:00:00 AM	7/1/2024 12:00:00 AM	PB161584

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	1.2	U	1.2	0	7	ug/Kg
91-20-3	Naphthalene	21		0.39	0.86	3.5	ug/Kg
90-12-0	1-Methylnaphthalene	5.5		0.89	0.86	3.5	ug/Kg
91-57-6	2-Methylnaphthalene	9.3		0.36	0.86	3.5	ug/Kg
208-96-8	Acenaphthylene	31		0.49	0.86	3.5	ug/Kg
83-32-9	Acenaphthene	15		0.41	0.86	3.5	ug/Kg
86-73-7	Fluorene	15		0.71	0.86	3.5	ug/Kg
87-86-5	Pentachlorophenol	1.5	U	1.5	1.8	7	ug/Kg
85-01-8	Phenanthrene	190	E	0.53	0.86	3.5	ug/Kg
120-12-7	Anthracene	41		0.55	0.86	3.5	ug/Kg
206-44-0	Fluoranthene	300	E	0.71	0.86	3.5	ug/Kg
129-00-0	Pyrene	220	E	0.55	0.86	3.5	ug/Kg
56-55-3	Benzo(a)anthracene	170	E	0.44	0.86	3.5	ug/Kg
218-01-9	Chrysene	150	E	0.44	0.86	3.5	ug/Kg
205-99-2	Benzo(b)fluoranthene	190	E	0.22	0.86	3.5	ug/Kg
207-08-9	Benzo(k)fluoranthene	68	E	0.41	0.86	3.5	ug/Kg
50-32-8	Benzo(a)pyrene	120	E	0.38	0.86	3.5	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	70	E	0.9	0.86	3.5	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	29		0.93	0.86	3.5	ug/Kg
191-24-2	Benzo(g,h,i)perylene	14		1	0.86	3.5	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	2.975		15-120		37	SPK: -8
93951-69-0	Fluoranthene-d10	0.228		30-130		57	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.202		20-140		50	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	7992	7.607				
1146-65-2	Naphthalene-d8	22769	10.382				
15067-26-2	Acenaphthene-d10	11621	14.253				

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Report of Analysis

Client:				Date Collected:	6/17/2024 12:00:00 AM
Project:				Date Received:	6/17/2024 12:00:00 AM
Client Sample ID:	A4B72			SDG No.:	BN070124
Lab Sample ID:	P2934-05			Matrix:	Solid
Analytical Method:	SFAM_SVOASIM			% Moisture:	4.6
Sample Wt/Vol:	30	Units:	g	Final Vol:	500 uL
Soil Aliquot Vol:			uL	Test:	
Extraction Type :			Decanted :	Level :	LOW
Injection Volume :			GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN032368.D	1	6/19/2024 12:00:00 AM	7/1/2024 12:00:00 AM	PB161584

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	20561	17.008				
1719-03-5	Chrysene-d12	16440	21.212				
1520-96-3	Perylene-d12	18583	23.427				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	1.2	U			99	ug/Kg

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Report of Analysis

Client:				Date Collected:	6/17/2024 12:00:00 AM
Project:				Date Received:	6/17/2024 12:00:00 AM
Client Sample ID:	A4B72MS			SDG No.:	BN070124
Lab Sample ID:	P2934-06MS			Matrix:	Solid
Analytical Method:	SFAM_SVOASIM			% Moisture:	4.6
Sample Wt/Vol:	30.06	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
BN032369.D	1	6/19/2024 12:00:00 AM	7/1/2024 12:00:00 AM	PB161584

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	34		1.2	0	7	ug/Kg
91-20-3	Naphthalene	23		0.39	0.86	3.5	ug/Kg
90-12-0	1-Methylnaphthalene	16		0.89	0.86	3.5	ug/Kg
91-57-6	2-Methylnaphthalene	18		0.36	0.86	3.5	ug/Kg
208-96-8	Acenaphthylene	58	E	0.49	0.86	3.5	ug/Kg
83-32-9	Acenaphthene	22		0.41	0.86	3.5	ug/Kg
86-73-7	Fluorene	24		0.71	0.86	3.5	ug/Kg
87-86-5	Pentachlorophenol	30		1.5	1.8	7	ug/Kg
85-01-8	Phenanthrene	300	E	0.53	0.86	3.5	ug/Kg
120-12-7	Anthracene	91	E	0.54	0.86	3.5	ug/Kg
206-44-0	Fluoranthene	560	E	0.71	0.86	3.5	ug/Kg
129-00-0	Pyrene	400	E	0.54	0.86	3.5	ug/Kg
56-55-3	Benzo(a)anthracene	280	E	0.44	0.86	3.5	ug/Kg
218-01-9	Chrysene	250	E	0.44	0.86	3.5	ug/Kg
205-99-2	Benzo(b)fluoranthene	250	E	0.22	0.86	3.5	ug/Kg
207-08-9	Benzo(k)fluoranthene	85	E	0.41	0.86	3.5	ug/Kg
50-32-8	Benzo(a)pyrene	150	E	0.38	0.86	3.5	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	95	E	0.9	0.86	3.5	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	48		0.93	0.86	3.5	ug/Kg
191-24-2	Benzo(g,h,i)perylene	18		1	0.86	3.5	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	0.501		15-120		63	SPK: -0.8
93951-69-0	Fluoranthene-d10	0.416		30-130		104	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.334		20-140		83	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	6090	7.612				
1146-65-2	Naphthalene-d8	19159	10.386				
15067-26-2	Acenaphthene-d10	10710	14.256				

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Report of Analysis

Client:				Date Collected:	6/17/2024 12:00:00 AM
Project:				Date Received:	6/17/2024 12:00:00 AM
Client Sample ID:	A4B72MS			SDG No.:	BN070124
Lab Sample ID:	P2934-06MS			Matrix:	Solid
Analytical Method:	SFAM_SVOASIM			% Moisture:	4.6
Sample Wt/Vol:	30.06	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
BN032369.D	1	6/19/2024 12:00:00 AM	7/1/2024 12:00:00 AM	PB161584

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	18775	17.011				
1719-03-5	Chrysene-d12	12827	21.213				
1520-96-3	Perylene-d12	16852	23.428				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	1.2	U			99	ug/Kg

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Report of Analysis

Client:				Date Collected:	6/17/2024 12:00:00 AM
Project:				Date Received:	6/17/2024 12:00:00 AM
Client Sample ID:	A4B72MSD			SDG No.:	BN070124
Lab Sample ID:	P2934-07MSD			Matrix:	Solid
Analytical Method:	SFAM_SVOASIM			% Moisture:	4.6
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
BN032370.D	1	6/19/2024 12:00:00 AM	7/1/2024 12:00:00 AM	PB161584

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	34		1.1	0	7	ug/Kg
91-20-3	Naphthalene	21		0.39	0.86	3.4	ug/Kg
90-12-0	1-Methylnaphthalene	14		0.89	0.86	3.4	ug/Kg
91-57-6	2-Methylnaphthalene	16		0.36	0.86	3.4	ug/Kg
208-96-8	Acenaphthylene	63	E	0.49	0.86	3.4	ug/Kg
83-32-9	Acenaphthene	21		0.41	0.86	3.4	ug/Kg
86-73-7	Fluorene	23		0.71	0.86	3.4	ug/Kg
87-86-5	Pentachlorophenol	29		1.5	1.8	7	ug/Kg
85-01-8	Phenanthrene	290	E	0.53	0.86	3.4	ug/Kg
120-12-7	Anthracene	92	E	0.54	0.86	3.4	ug/Kg
206-44-0	Fluoranthene	460	E	0.71	0.86	3.4	ug/Kg
129-00-0	Pyrene	340	E	0.54	0.86	3.4	ug/Kg
56-55-3	Benzo(a)anthracene	250	E	0.44	0.86	3.4	ug/Kg
218-01-9	Chrysene	220	E	0.44	0.86	3.4	ug/Kg
205-99-2	Benzo(b)fluoranthene	230	E	0.22	0.86	3.4	ug/Kg
207-08-9	Benzo(k)fluoranthene	89	E	0.41	0.86	3.4	ug/Kg
50-32-8	Benzo(a)pyrene	140	E	0.38	0.86	3.4	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	90	E	0.9	0.86	3.4	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	46		0.93	0.86	3.4	ug/Kg
191-24-2	Benzo(g,h,i)perylene	17		1	0.86	3.4	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	0.505		15-120		63	SPK: -0.8
93951-69-0	Fluoranthene-d10	0.345		30-130		86	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.304		20-140		76	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	6797	7.612				
1146-65-2	Naphthalene-d8	19667	10.386				
15067-26-2	Acenaphthene-d10	10078	14.256				

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Report of Analysis

Client:				Date Collected:	6/17/2024 12:00:00 AM
Project:				Date Received:	6/17/2024 12:00:00 AM
Client Sample ID:	A4B72MSD			SDG No.:	BN070124
Lab Sample ID:	P2934-07MSD			Matrix:	Solid
Analytical Method:	SFAM_SVOASIM			% Moisture:	4.6
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
BN032370.D	1	6/19/2024 12:00:00 AM	7/1/2024 12:00:00 AM	PB161584

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	18180	17.01				
1719-03-5	Chrysene-d12	15388	21.213				
1520-96-3	Perylene-d12	19321	23.428				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	1.1	U			99	ug/Kg

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Report of Analysis

Client:				Date Collected:	6/17/2024 12:00:00 AM
Project:				Date Received:	6/17/2024 12:00:00 AM
Client Sample ID:	A4CP6DL			SDG No.:	BN070124
Lab Sample ID:	P2934-10DL			Matrix:	Solid
Analytical Method:	SFAM_SVOASIM			% Moisture:	42.2
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
BN032371.D	5	6/19/2024 12:00:00 AM	7/1/2024 12:00:00 AM	PB161584

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	9.5	U	9.5	0	58	ug/Kg
91-20-3	Naphthalene	3.2	U	3.2	7.1	28	ug/Kg
90-12-0	1-Methylnaphthalene	7.3	U	7.3	7.1	28	ug/Kg
91-57-6	2-Methylnaphthalene	2.9	U	2.9	7.1	28	ug/Kg
208-96-8	Acenaphthylene	4.1	U	4.1	7.1	28	ug/Kg
83-32-9	Acenaphthene	8.6	JD	3.4	7.1	28	ug/Kg
86-73-7	Fluorene	7.2	JD	5.9	7.1	28	ug/Kg
87-86-5	Pentachlorophenol	12	U	12	14.4	58	ug/Kg
85-01-8	Phenanthrene	81	D	4.4	7.1	28	ug/Kg
120-12-7	Anthracene	22	JD	4.5	7.1	28	ug/Kg
206-44-0	Fluoranthene	130	D	5.9	7.1	28	ug/Kg
129-00-0	Pyrene	120	D	4.5	7.1	28	ug/Kg
56-55-3	Benzo(a)anthracene	74	D	3.6	7.1	28	ug/Kg
218-01-9	Chrysene	57	D	3.6	7.1	28	ug/Kg
205-99-2	Benzo(b)fluoranthene	60	D	1.8	7.1	28	ug/Kg
207-08-9	Benzo(k)fluoranthene	24	JD	3.4	7.1	28	ug/Kg
50-32-8	Benzo(a)pyrene	62	D	3.1	7.1	28	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	28	D	7.4	7.1	28	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	9.5	JD	7.7	7.1	28	ug/Kg
191-24-2	Benzo(g,h,i)perylene	36	D	8.4	7.1	28	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	2.76		15-120		34	SPK: -8
93951-69-0	Fluoranthene-d10	0.215		30-130		54	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.18		20-140		45	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	7901	7.612				
1146-65-2	Naphthalene-d8	23565	10.387				
15067-26-2	Acenaphthene-d10	12234	14.258				

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Report of Analysis

Client:				Date Collected:	6/17/2024 12:00:00 AM
Project:				Date Received:	6/17/2024 12:00:00 AM
Client Sample ID:	A4CP6DL			SDG No.:	BN070124
Lab Sample ID:	P2934-10DL			Matrix:	Solid
Analytical Method:	SFAM_SVOASIM			% Moisture:	42.2
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
BN032371.D	5	6/19/2024 12:00:00 AM	7/1/2024 12:00:00 AM	PB161584

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	20836	17.012				
1719-03-5	Chrysene-d12	17275	21.215				
1520-96-3	Perylene-d12	21355	23.433				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	9.5	U			99	ug/Kg

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Report of Analysis

Client:				Date Collected:	6/17/2024 12:00:00 AM
Project:				Date Received:	6/17/2024 12:00:00 AM
Client Sample ID:	A4CP7DL			SDG No.:	BN070124
Lab Sample ID:	P2934-11DL			Matrix:	Solid
Analytical Method:	SFAM_SVOASIM			% Moisture:	64.2
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
BN032372.D	5	6/19/2024 12:00:00 AM	7/1/2024 12:00:00 AM	PB161584

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	15	U	15	0	93	ug/Kg
91-20-3	Naphthalene	5.2	U	5.2	11.5	46	ug/Kg
90-12-0	1-Methylnaphthalene	12	U	12	11.5	46	ug/Kg
91-57-6	2-Methylnaphthalene	4.7	U	4.7	11.5	46	ug/Kg
208-96-8	Acenaphthylene	14	JD	6.5	11.5	46	ug/Kg
83-32-9	Acenaphthene	17	JD	5.4	11.5	46	ug/Kg
86-73-7	Fluorene	18	JD	9.5	11.5	46	ug/Kg
87-86-5	Pentachlorophenol	19	U	19	23.3	93	ug/Kg
85-01-8	Phenanthrene	290	D	7.1	11.5	46	ug/Kg
120-12-7	Anthracene	59	D	7.2	11.5	46	ug/Kg
206-44-0	Fluoranthene	710	D	9.5	11.5	46	ug/Kg
129-00-0	Pyrene	450	D	7.2	11.5	46	ug/Kg
56-55-3	Benzo(a)anthracene	280	D	5.8	11.5	46	ug/Kg
218-01-9	Chrysene	260	D	5.8	11.5	46	ug/Kg
205-99-2	Benzo(b)fluoranthene	310	D	2.9	11.5	46	ug/Kg
207-08-9	Benzo(k)fluoranthene	130	D	5.4	11.5	46	ug/Kg
50-32-8	Benzo(a)pyrene	150	D	5	11.5	46	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	100	D	12	11.5	46	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	43	JD	12	11.5	46	ug/Kg
191-24-2	Benzo(g,h,i)perylene	19	JD	14	11.5	46	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	3.035		15-120		38	SPK: -8
93951-69-0	Fluoranthene-d10	0.29		30-130		72	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.225		20-140		56	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	7977	7.607				
1146-65-2	Naphthalene-d8	25898	10.386				
15067-26-2	Acenaphthene-d10	15392	14.256				

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Report of Analysis

Client:				Date Collected:	6/17/2024 12:00:00 AM
Project:				Date Received:	6/17/2024 12:00:00 AM
Client Sample ID:	A4CP7DL			SDG No.:	BN070124
Lab Sample ID:	P2934-11DL			Matrix:	Solid
Analytical Method:	SFAM_SVOASIM			% Moisture:	64.2
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
BN032372.D	5	6/19/2024 12:00:00 AM	7/1/2024 12:00:00 AM	PB161584

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	29922	17.01				
1719-03-5	Chrysene-d12	19399	21.213				
1520-96-3	Perylene-d12	21615	23.428				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	15	U			99	ug/Kg

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Report of Analysis

Client:				Date Collected:	6/17/2024 12:00:00 AM
Project:				Date Received:	6/17/2024 12:00:00 AM
Client Sample ID:	A4CP8DL			SDG No.:	BN070124
Lab Sample ID:	P2934-12DL			Matrix:	Solid
Analytical Method:	SFAM_SVOASIM			% Moisture:	50.6
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
BN032373.D	5	6/19/2024 12:00:00 AM	7/1/2024 12:00:00 AM	PB161584

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	11	U	11	0	68	ug/Kg
91-20-3	Naphthalene	7.1	JD	3.7	8.3	33	ug/Kg
90-12-0	1-Methylnaphthalene	8.6	U	8.6	8.3	33	ug/Kg
91-57-6	2-Methylnaphthalene	3.4	U	3.4	8.3	33	ug/Kg
208-96-8	Acenaphthylene	14	JD	4.7	8.3	33	ug/Kg
83-32-9	Acenaphthene	25	JD	3.9	8.3	33	ug/Kg
86-73-7	Fluorene	27	JD	6.9	8.3	33	ug/Kg
87-86-5	Pentachlorophenol	14	U	14	16.9	68	ug/Kg
85-01-8	Phenanthrene	410	D	5.1	8.3	33	ug/Kg
120-12-7	Anthracene	110	D	5.2	8.3	33	ug/Kg
206-44-0	Fluoranthene	610	ED	6.9	8.3	33	ug/Kg
129-00-0	Pyrene	400	D	5.2	8.3	33	ug/Kg
56-55-3	Benzo(a)anthracene	300	D	4.2	8.3	33	ug/Kg
218-01-9	Chrysene	240	D	4.2	8.3	33	ug/Kg
205-99-2	Benzo(b)fluoranthene	240	D	2.1	8.3	33	ug/Kg
207-08-9	Benzo(k)fluoranthene	90	D	3.9	8.3	33	ug/Kg
50-32-8	Benzo(a)pyrene	130	D	3.6	8.3	33	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	70	D	8.7	8.3	33	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	34	D	9	8.3	33	ug/Kg
191-24-2	Benzo(g,h,i)perylene	13	JD	9.9	8.3	33	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	3.755		15-120		47	SPK: -8
93951-69-0	Fluoranthene-d10	0.275		30-130		69	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.245		20-140		61	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	8262	7.612				
1146-65-2	Naphthalene-d8	24345	10.387				
15067-26-2	Acenaphthene-d10	12507	14.253				

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Report of Analysis

Client:				Date Collected:	6/17/2024 12:00:00 AM
Project:				Date Received:	6/17/2024 12:00:00 AM
Client Sample ID:	A4CP8DL			SDG No.:	BN070124
Lab Sample ID:	P2934-12DL			Matrix:	Solid
Analytical Method:	SFAM_SVOASIM			% Moisture:	50.6
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
BN032373.D	5	6/19/2024 12:00:00 AM	7/1/2024 12:00:00 AM	PB161584

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	21540	17.008				
1719-03-5	Chrysene-d12	17829	21.214				
1520-96-3	Perylene-d12	21606	23.43				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	11	U			99	ug/Kg

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Report of Analysis

Client:				Date Collected:	6/17/2024 12:00:00 AM
Project:				Date Received:	6/17/2024 12:00:00 AM
Client Sample ID:	A4CQ0DL			SDG No.:	BN070124
Lab Sample ID:	P2934-14DL			Matrix:	Solid
Analytical Method:	SFAM_SVOASIM			% Moisture:	35.9
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
BN032374.D	5	6/19/2024 12:00:00 AM	7/1/2024 12:00:00 AM	PB161584

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	8.6	U	8.6	0	52	ug/Kg
91-20-3	Naphthalene	170	D	2.9	6.4	26	ug/Kg
90-12-0	1-Methylnaphthalene	44	D	6.6	6.4	26	ug/Kg
91-57-6	2-Methylnaphthalene	88	D	2.7	6.4	26	ug/Kg
208-96-8	Acenaphthylene	260	D	3.7	6.4	26	ug/Kg
83-32-9	Acenaphthene	73	D	3	6.4	26	ug/Kg
86-73-7	Fluorene	79	D	5.3	6.4	26	ug/Kg
87-86-5	Pentachlorophenol	11	U	11	13.1	52	ug/Kg
85-01-8	Phenanthrene	1300	ED	4	6.4	26	ug/Kg
120-12-7	Anthracene	390	D	4.1	6.4	26	ug/Kg
206-44-0	Fluoranthene	2400	ED	5.3	6.4	26	ug/Kg
129-00-0	Pyrene	1800	ED	4.1	6.4	26	ug/Kg
56-55-3	Benzo(a)anthracene	1300	ED	3.3	6.4	26	ug/Kg
218-01-9	Chrysene	1400	ED	3.3	6.4	26	ug/Kg
205-99-2	Benzo(b)fluoranthene	1500	ED	1.6	6.4	26	ug/Kg
207-08-9	Benzo(k)fluoranthene	540	ED	3	6.4	26	ug/Kg
50-32-8	Benzo(a)pyrene	790	ED	2.8	6.4	26	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	610	ED	6.7	6.4	26	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	280	D	6.9	6.4	26	ug/Kg
191-24-2	Benzo(g,h,i)perylene	110	D	7.6	6.4	26	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	4.165		15-120		52	SPK: -8
93951-69-0	Fluoranthene-d10	0.35		30-130		88	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	8710	7.607				
1146-65-2	Naphthalene-d8	26773	10.382				
15067-26-2	Acenaphthene-d10	14878	14.253				

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Report of Analysis

Client:				Date Collected:	6/17/2024 12:00:00 AM
Project:				Date Received:	6/17/2024 12:00:00 AM
Client Sample ID:	A4CQ0DL			SDG No.:	BN070124
Lab Sample ID:	P2934-14DL			Matrix:	Solid
Analytical Method:	SFAM_SVOASIM			% Moisture:	35.9
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
BN032374.D	5	6/19/2024 12:00:00 AM	7/1/2024 12:00:00 AM	PB161584

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	26222	17.007				
1719-03-5	Chrysene-d12	17979	21.211				
1520-96-3	Perylene-d12	22463	23.43				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	8.6	U			99	ug/Kg

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Report of Analysis

Client:				Date Collected:	6/17/2024 12:00:00 AM
Project:				Date Received:	6/17/2024 12:00:00 AM
Client Sample ID:	A4B61DL			SDG No.:	BN070124
Lab Sample ID:	P2934-03DL			Matrix:	Solid
Analytical Method:	SFAM_SVOASIM			% Moisture:	24.6
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
BN032375.D	5	6/19/2024 12:00:00 AM	7/1/2024 12:00:00 AM	PB161584

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	7.3	U	7.3	0	44	ug/Kg
91-20-3	Naphthalene	2.4	U	2.4	5.5	22	ug/Kg
90-12-0	1-Methylnaphthalene	5.6	U	5.6	5.5	22	ug/Kg
91-57-6	2-Methylnaphthalene	2.2	U	2.2	5.5	22	ug/Kg
208-96-8	Acenaphthylene	7.7	JD	3.1	5.5	22	ug/Kg
83-32-9	Acenaphthene	2.6	U	2.6	5.5	22	ug/Kg
86-73-7	Fluorene	4.5	U	4.5	5.5	22	ug/Kg
87-86-5	Pentachlorophenol	9.3	U	9.3	11.1	44	ug/Kg
85-01-8	Phenanthrene	45	D	3.4	5.5	22	ug/Kg
120-12-7	Anthracene	11	JD	3.4	5.5	22	ug/Kg
206-44-0	Fluoranthene	83	D	4.5	5.5	22	ug/Kg
129-00-0	Pyrene	61	D	3.4	5.5	22	ug/Kg
56-55-3	Benzo(a)anthracene	43	D	2.8	5.5	22	ug/Kg
218-01-9	Chrysene	40	D	2.8	5.5	22	ug/Kg
205-99-2	Benzo(b)fluoranthene	47	D	1.4	5.5	22	ug/Kg
207-08-9	Benzo(k)fluoranthene	17	JD	2.6	5.5	22	ug/Kg
50-32-8	Benzo(a)pyrene	25	D	2.4	5.5	22	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	17	JD	5.7	5.5	22	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	7	JD	5.9	5.5	22	ug/Kg
191-24-2	Benzo(g,h,i)perylene	6.5	U	6.5	5.5	22	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	3.34		15-120		42	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	7162	7.608				
1146-65-2	Naphthalene-d8	20257	10.387				
15067-26-2	Acenaphthene-d10	11181	14.258				

CHEMTECH
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Report of Analysis

Client:				Date Collected:	6/17/2024 12:00:00 AM
Project:				Date Received:	6/17/2024 12:00:00 AM
Client Sample ID:	A4B61DL			SDG No.:	BN070124
Lab Sample ID:	P2934-03DL			Matrix:	Solid
Analytical Method:	SFAM_SVOASIM			% Moisture:	24.6
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
BN032375.D	5	6/19/2024 12:00:00 AM	7/1/2024 12:00:00 AM	PB161584

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	22381	17.012				
1719-03-5	Chrysene-d12	20788	21.212				
1520-96-3	Perylene-d12	25543	23.427				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	7.3	U			99	ug/Kg

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Report of Analysis

Client:				Date Collected:	6/17/2024 12:00:00 AM
Project:				Date Received:	6/17/2024 12:00:00 AM
Client Sample ID:	A4CP4DL			SDG No.:	BN070124
Lab Sample ID:	P2934-08DL			Matrix:	Solid
Analytical Method:	SFAM_SVOASIM			% Moisture:	39
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
BN032376.D	5	6/19/2024 12:00:00 AM	7/1/2024 12:00:00 AM	PB161584

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	9	U	9	0	55	ug/Kg
91-20-3	Naphthalene	34	D	3	6.7	27	ug/Kg
90-12-0	1-Methylnaphthalene	14	JD	6.9	6.7	27	ug/Kg
91-57-6	2-Methylnaphthalene	16	JD	2.8	6.7	27	ug/Kg
208-96-8	Acenaphthylene	62	D	3.8	6.7	27	ug/Kg
83-32-9	Acenaphthene	78	D	3.2	6.7	27	ug/Kg
86-73-7	Fluorene	73	D	5.6	6.7	27	ug/Kg
87-86-5	Pentachlorophenol	11	U	11	13.7	55	ug/Kg
85-01-8	Phenanthrene	1300	ED	4.2	6.7	27	ug/Kg
120-12-7	Anthracene	240	D	4.2	6.7	27	ug/Kg
206-44-0	Fluoranthene	2400	ED	5.6	6.7	27	ug/Kg
129-00-0	Pyrene	1600	ED	4.2	6.7	27	ug/Kg
56-55-3	Benzo(a)anthracene	1000	ED	3.4	6.7	27	ug/Kg
218-01-9	Chrysene	1100	ED	3.4	6.7	27	ug/Kg
205-99-2	Benzo(b)fluoranthene	1200	ED	1.7	6.7	27	ug/Kg
207-08-9	Benzo(k)fluoranthene	460	ED	3.2	6.7	27	ug/Kg
50-32-8	Benzo(a)pyrene	640	ED	2.9	6.7	27	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	410	D	7	6.7	27	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	180	D	7.3	6.7	27	ug/Kg
191-24-2	Benzo(g,h,i)perylene	77	D	8	6.7	27	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	3.795		15-120		47	SPK: -8
93951-69-0	Fluoranthene-d10	0.285		30-130		71	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.24		20-140		60	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	8191	7.608				
1146-65-2	Naphthalene-d8	24154	10.382				
15067-26-2	Acenaphthene-d10	12847	14.253				

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Report of Analysis

Client:				Date Collected:	6/17/2024 12:00:00 AM
Project:				Date Received:	6/17/2024 12:00:00 AM
Client Sample ID:	A4CP4DL			SDG No.:	BN070124
Lab Sample ID:	P2934-08DL			Matrix:	Solid
Analytical Method:	SFAM_SVOASIM			% Moisture:	39
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
BN032376.D	5	6/19/2024 12:00:00 AM	7/1/2024 12:00:00 AM	PB161584

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	23291	17.008				
1719-03-5	Chrysene-d12	18811	21.209				
1520-96-3	Perylene-d12	21598	23.427				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	9	U			99	ug/Kg

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Report of Analysis

Client:				Date Collected:	6/17/2024 12:00:00 AM
Project:				Date Received:	6/17/2024 12:00:00 AM
Client Sample ID:	A4CP9DL			SDG No.:	BN070124
Lab Sample ID:	P2934-13DL			Matrix:	Solid
Analytical Method:	SFAM_SVOASIM			% Moisture:	34.2
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
BN032377.D	5	6/19/2024 12:00:00 AM	7/2/2024 12:00:00 AM	PB161584

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	8.3	U	8.3	0	51	ug/Kg
91-20-3	Naphthalene	56	D	2.8	6.2	25	ug/Kg
90-12-0	1-Methylnaphthalene	19	JD	6.4	6.2	25	ug/Kg
91-57-6	2-Methylnaphthalene	25	D	2.6	6.2	25	ug/Kg
208-96-8	Acenaphthylene	22	JD	3.6	6.2	25	ug/Kg
83-32-9	Acenaphthene	110	D	3	6.2	25	ug/Kg
86-73-7	Fluorene	77	D	5.2	6.2	25	ug/Kg
87-86-5	Pentachlorophenol	11	U	11	12.7	51	ug/Kg
85-01-8	Phenanthrene	1000	ED	3.9	6.2	25	ug/Kg
120-12-7	Anthracene	160	D	3.9	6.2	25	ug/Kg
206-44-0	Fluoranthene	1200	ED	5.2	6.2	25	ug/Kg
129-00-0	Pyrene	780	ED	3.9	6.2	25	ug/Kg
56-55-3	Benzo(a)anthracene	450	ED	3.2	6.2	25	ug/Kg
218-01-9	Chrysene	440	ED	3.2	6.2	25	ug/Kg
205-99-2	Benzo(b)fluoranthene	440	ED	1.6	6.2	25	ug/Kg
207-08-9	Benzo(k)fluoranthene	150	D	3	6.2	25	ug/Kg
50-32-8	Benzo(a)pyrene	220	D	2.7	6.2	25	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	120	D	6.5	6.2	25	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	57	D	6.7	6.2	25	ug/Kg
191-24-2	Benzo(g,h,i)perylene	23	JD	7.4	6.2	25	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	3.365		15-120		42	SPK: -8
93951-69-0	Fluoranthene-d10	0.25		30-130		63	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.215		20-140		54	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	8225	7.612				
1146-65-2	Naphthalene-d8	23644	10.387				
15067-26-2	Acenaphthene-d10	12238	14.258				

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Report of Analysis

Client:				Date Collected:	6/17/2024 12:00:00 AM
Project:				Date Received:	6/17/2024 12:00:00 AM
Client Sample ID:	A4CP9DL			SDG No.:	BN070124
Lab Sample ID:	P2934-13DL			Matrix:	Solid
Analytical Method:	SFAM_SVOASIM			% Moisture:	34.2
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
BN032377.D	5	6/19/2024 12:00:00 AM	7/2/2024 12:00:00 AM	PB161584

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	22850	17.007				
1719-03-5	Chrysene-d12	18539	21.211				
1520-96-3	Perylene-d12	22550	23.427				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	8.3	U			99	ug/Kg

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Report of Analysis

Client:				Date Collected:	6/17/2024 12:00:00 AM
Project:				Date Received:	6/17/2024 12:00:00 AM
Client Sample ID:	A4CQ2DL			SDG No.:	BN070124
Lab Sample ID:	P2934-16DL			Matrix:	Solid
Analytical Method:	SFAM_SVOASIM			% Moisture:	28.9
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
BN032378.D	5	6/19/2024 12:00:00 AM	7/2/2024 12:00:00 AM	PB161584

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	7.7	U	7.7	0	47	ug/Kg
91-20-3	Naphthalene	12	JD	2.6	5.8	23	ug/Kg
90-12-0	1-Methylnaphthalene	6	U	6	5.8	23	ug/Kg
91-57-6	2-Methylnaphthalene	5.9	JD	2.4	5.8	23	ug/Kg
208-96-8	Acenaphthylene	25	D	3.3	5.8	23	ug/Kg
83-32-9	Acenaphthene	2.7	U	2.7	5.8	23	ug/Kg
86-73-7	Fluorene	6.6	JD	4.8	5.8	23	ug/Kg
87-86-5	Pentachlorophenol	9.8	U	9.8	11.8	47	ug/Kg
85-01-8	Phenanthrene	83	D	3.6	5.8	23	ug/Kg
120-12-7	Anthracene	29	D	3.7	5.8	23	ug/Kg
206-44-0	Fluoranthene	130	D	4.8	5.8	23	ug/Kg
129-00-0	Pyrene	120	D	3.7	5.8	23	ug/Kg
56-55-3	Benzo(a)anthracene	76	D	3	5.8	23	ug/Kg
218-01-9	Chrysene	76	D	3	5.8	23	ug/Kg
205-99-2	Benzo(b)fluoranthene	85	D	1.5	5.8	23	ug/Kg
207-08-9	Benzo(k)fluoranthene	30	D	2.7	5.8	23	ug/Kg
50-32-8	Benzo(a)pyrene	84	D	2.5	5.8	23	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	45	D	6	5.8	23	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	15	JD	6.3	5.8	23	ug/Kg
191-24-2	Benzo(g,h,i)perylene	59	D	6.9	5.8	23	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	3.46		15-120		43	SPK: -8
93951-69-0	Fluoranthene-d10	0.215		30-130		54	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.21		20-140		52	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	8359	7.612				
1146-65-2	Naphthalene-d8	23926	10.387				
15067-26-2	Acenaphthene-d10	12232	14.253				

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Report of Analysis

Client:				Date Collected:	6/17/2024 12:00:00 AM
Project:				Date Received:	6/17/2024 12:00:00 AM
Client Sample ID:	A4CQ2DL			SDG No.:	BN070124
Lab Sample ID:	P2934-16DL			Matrix:	Solid
Analytical Method:	SFAM_SVOASIM			% Moisture:	28.9
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
BN032378.D	5	6/19/2024 12:00:00 AM	7/2/2024 12:00:00 AM	PB161584

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	21621	17.012				
1719-03-5	Chrysene-d12	18928	21.211				
1520-96-3	Perylene-d12	22748	23.427				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	7.7	U			99	ug/Kg

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Report of Analysis

Client:				Date Collected:	6/17/2024 12:00:00 AM
Project:				Date Received:	6/17/2024 12:00:00 AM
Client Sample ID:	A4B58DL			SDG No.:	BN070124
Lab Sample ID:	P2934-01DL			Matrix:	Solid
Analytical Method:	SFAM_SVOASIM			% Moisture:	25.3
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
BN032379.D	5	6/19/2024 12:00:00 AM	7/2/2024 12:00:00 AM	PB161584

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	7.4	U	7.4	0	45	ug/Kg
91-20-3	Naphthalene	25	D	2.5	5.5	22	ug/Kg
90-12-0	1-Methylnaphthalene	12	JD	5.7	5.5	22	ug/Kg
91-57-6	2-Methylnaphthalene	14	JD	2.3	5.5	22	ug/Kg
208-96-8	Acenaphthylene	34	D	3.1	5.5	22	ug/Kg
83-32-9	Acenaphthene	50	D	2.6	5.5	22	ug/Kg
86-73-7	Fluorene	43	D	4.6	5.5	22	ug/Kg
87-86-5	Pentachlorophenol	9.4	U	9.4	11.2	45	ug/Kg
85-01-8	Phenanthrene	560	ED	3.4	5.5	22	ug/Kg
120-12-7	Anthracene	120	D	3.5	5.5	22	ug/Kg
206-44-0	Fluoranthene	710	ED	4.6	5.5	22	ug/Kg
129-00-0	Pyrene	530	ED	3.5	5.5	22	ug/Kg
56-55-3	Benzo(a)anthracene	340	D	2.8	5.5	22	ug/Kg
218-01-9	Chrysene	320	D	2.8	5.5	22	ug/Kg
205-99-2	Benzo(b)fluoranthene	330	D	1.4	5.5	22	ug/Kg
207-08-9	Benzo(k)fluoranthene	130	D	2.6	5.5	22	ug/Kg
50-32-8	Benzo(a)pyrene	200	D	2.4	5.5	22	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	120	D	5.8	5.5	22	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	50	D	6	5.5	22	ug/Kg
191-24-2	Benzo(g,h,i)perylene	22	D	6.6	5.5	22	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	3.62		15-120		45	SPK: -8
93951-69-0	Fluoranthene-d10	0.26		30-130		65	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.225		20-140		56	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	8139	7.607				
1146-65-2	Naphthalene-d8	23525	10.382				
15067-26-2	Acenaphthene-d10	12062	14.253				

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Report of Analysis

Client:				Date Collected:	6/17/2024 12:00:00 AM
Project:				Date Received:	6/17/2024 12:00:00 AM
Client Sample ID:	A4B58DL			SDG No.:	BN070124
Lab Sample ID:	P2934-01DL			Matrix:	Solid
Analytical Method:	SFAM_SVOASIM			% Moisture:	25.3
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
BN032379.D	5	6/19/2024 12:00:00 AM	7/2/2024 12:00:00 AM	PB161584

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	22286	17.007				
1719-03-5	Chrysene-d12	18835	21.208				
1520-96-3	Perylene-d12	22213	23.427				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	7.4	U			99	ug/Kg

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Report of Analysis

Client:				Date Collected:	6/17/2024 12:00:00 AM
Project:				Date Received:	6/17/2024 12:00:00 AM
Client Sample ID:	A4CP5DL			SDG No.:	BN070124
Lab Sample ID:	P2934-09DL			Matrix:	Solid
Analytical Method:	SFAM_SVOASIM			% Moisture:	52.7
Sample Wt/Vol:	30	Units:	g	Final Vol:	500 uL
Soil Aliquot Vol:			uL	Test:	
Extraction Type :			Decanted :	Level :	LOW
Injection Volume :			GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN032380.D	5	6/19/2024 12:00:00 AM	7/2/2024 12:00:00 AM	PB161584

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	12	U	12	0	71	ug/Kg
91-20-3	Naphthalene	12	JD	3.9	8.7	35	ug/Kg
90-12-0	1-Methylnaphthalene	9	U	9	8.7	35	ug/Kg
91-57-6	2-Methylnaphthalene	3.6	U	3.6	8.7	35	ug/Kg
208-96-8	Acenaphthylene	23	JD	5	8.7	35	ug/Kg
83-32-9	Acenaphthene	20	JD	4.1	8.7	35	ug/Kg
86-73-7	Fluorene	18	JD	7.2	8.7	35	ug/Kg
87-86-5	Pentachlorophenol	15	U	15	17.7	71	ug/Kg
85-01-8	Phenanthrene	290	D	5.4	8.7	35	ug/Kg
120-12-7	Anthracene	63	D	5.5	8.7	35	ug/Kg
206-44-0	Fluoranthene	570	ED	7.2	8.7	35	ug/Kg
129-00-0	Pyrene	410	D	5.5	8.7	35	ug/Kg
56-55-3	Benzo(a)anthracene	280	D	4.4	8.7	35	ug/Kg
218-01-9	Chrysene	250	D	4.4	8.7	35	ug/Kg
205-99-2	Benzo(b)fluoranthene	280	D	2.2	8.7	35	ug/Kg
207-08-9	Benzo(k)fluoranthene	110	D	4.1	8.7	35	ug/Kg
50-32-8	Benzo(a)pyrene	150	D	3.8	8.7	35	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	97	D	9.1	8.7	35	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	41	D	9.4	8.7	35	ug/Kg
191-24-2	Benzo(g,h,i)perylene	18	JD	10	8.7	35	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	3.075		15-120		38	SPK: -8
93951-69-0	Fluoranthene-d10	0.24		30-130		60	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	8480	7.607				
1146-65-2	Naphthalene-d8	26095	10.382				
15067-26-2	Acenaphthene-d10	14126	14.253				

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Report of Analysis

Client:				Date Collected:	6/17/2024 12:00:00 AM
Project:				Date Received:	6/17/2024 12:00:00 AM
Client Sample ID:	A4CP5DL			SDG No.:	BN070124
Lab Sample ID:	P2934-09DL			Matrix:	Solid
Analytical Method:	SFAM_SVOASIM			% Moisture:	52.7
Sample Wt/Vol:	30	Units:	g	Final Vol:	500 uL
Soil Aliquot Vol:			uL	Test:	
Extraction Type :			Decanted :	Level :	LOW
Injection Volume :			GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN032380.D	5	6/19/2024 12:00:00 AM	7/2/2024 12:00:00 AM	PB161584

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	24817	17.008				
1719-03-5	Chrysene-d12	18782	21.211				
1520-96-3	Perylene-d12	22094	23.424				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	12	U			99	ug/Kg

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Report of Analysis

Client:				Date Collected:	6/17/2024 12:00:00 AM
Project:				Date Received:	6/17/2024 12:00:00 AM
Client Sample ID:	A4CQ3DL			SDG No.:	BN070124
Lab Sample ID:	P2934-17DL			Matrix:	Solid
Analytical Method:	SFAM_SVOASIM			% Moisture:	50.1
Sample Wt/Vol:	30.1	Units:	g	Final Vol:	500 uL
Soil Aliquot Vol:			uL	Test:	
Extraction Type :			Decanted :	Level :	LOW
Injection Volume :			GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN032381.D	5	6/19/2024 12:00:00 AM	7/2/2024 12:00:00 AM	PB161584

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	11	U	11	0	67	ug/Kg
91-20-3	Naphthalene	12	JD	3.7	8.2	33	ug/Kg
90-12-0	1-Methylnaphthalene	8.5	U	8.5	8.2	33	ug/Kg
91-57-6	2-Methylnaphthalene	8.3	JD	3.4	8.2	33	ug/Kg
208-96-8	Acenaphthylene	24	JD	4.7	8.2	33	ug/Kg
83-32-9	Acenaphthene	33	D	3.9	8.2	33	ug/Kg
86-73-7	Fluorene	28	JD	6.8	8.2	33	ug/Kg
87-86-5	Pentachlorophenol	14	U	14	16.7	67	ug/Kg
85-01-8	Phenanthrene	400	D	5.1	8.2	33	ug/Kg
120-12-7	Anthracene	90	D	5.2	8.2	33	ug/Kg
206-44-0	Fluoranthene	490	D	6.8	8.2	33	ug/Kg
129-00-0	Pyrene	470	D	5.2	8.2	33	ug/Kg
56-55-3	Benzo(a)anthracene	260	D	4.2	8.2	33	ug/Kg
218-01-9	Chrysene	230	D	4.2	8.2	33	ug/Kg
205-99-2	Benzo(b)fluoranthene	240	D	2.1	8.2	33	ug/Kg
207-08-9	Benzo(k)fluoranthene	77	D	3.9	8.2	33	ug/Kg
50-32-8	Benzo(a)pyrene	240	D	3.6	8.2	33	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	110	D	8.6	8.2	33	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	34	D	8.9	8.2	33	ug/Kg
191-24-2	Benzo(g,h,i)perylene	130	D	9.8	8.2	33	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	4.05		15-120		51	SPK: -8
93951-69-0	Fluoranthene-d10	0.26		30-130		65	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.24		20-140		60	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	7763	7.607				
1146-65-2	Naphthalene-d8	21669	10.382				
15067-26-2	Acenaphthene-d10	11081	14.253				

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Report of Analysis

Client:				Date Collected:	6/17/2024 12:00:00 AM
Project:				Date Received:	6/17/2024 12:00:00 AM
Client Sample ID:	A4CQ3DL			SDG No.:	BN070124
Lab Sample ID:	P2934-17DL			Matrix:	Solid
Analytical Method:	SFAM_SVOASIM			% Moisture:	50.1
Sample Wt/Vol:	30.1	Units:	g	Final Vol:	500 uL
Soil Aliquot Vol:			uL	Test:	
Extraction Type :			Decanted :	Level :	LOW
Injection Volume :			GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN032381.D	5	6/19/2024 12:00:00 AM	7/2/2024 12:00:00 AM	PB161584

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	20477	17.007				
1719-03-5	Chrysene-d12	18291	21.214				
1520-96-3	Perylene-d12	22602	23.427				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	11	U			99	ug/Kg

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Report of Analysis

Client:				Date Collected:	6/20/2024 12:00:00 AM
Project:				Date Received:	6/20/2024 12:00:00 AM
Client Sample ID:	SBLK603			SDG No.:	BN070124
Lab Sample ID:	PB161603BL			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
BN032383.D	1	6/20/2024 12:00:00 AM	7/2/2024 12:00:00 AM	PB161603

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	1.1	U	1.1	0	6.7	ug/Kg
91-20-3	Naphthalene	0.37	U	0.37	0.83	3.3	ug/Kg
90-12-0	1-Methylnaphthalene	0.85	U	0.85	0.83	3.3	ug/Kg
91-57-6	2-Methylnaphthalene	0.34	U	0.34	0.83	3.3	ug/Kg
208-96-8	Acenaphthylene	0.47	U	0.47	0.83	3.3	ug/Kg
83-32-9	Acenaphthene	0.39	U	0.39	0.83	3.3	ug/Kg
86-73-7	Fluorene	0.68	U	0.68	0.83	3.3	ug/Kg
87-86-5	Pentachlorophenol	1.4	U	1.4	1.7	6.7	ug/Kg
85-01-8	Phenanthrene	0.51	U	0.51	0.83	3.3	ug/Kg
120-12-7	Anthracene	0.52	U	0.52	0.83	3.3	ug/Kg
206-44-0	Fluoranthene	0.68	U	0.68	0.83	3.3	ug/Kg
129-00-0	Pyrene	0.52	U	0.52	0.83	3.3	ug/Kg
56-55-3	Benzo(a)anthracene	0.42	U	0.42	0.83	3.3	ug/Kg
218-01-9	Chrysene	0.42	U	0.42	0.83	3.3	ug/Kg
205-99-2	Benzo(b)fluoranthene	0.21	U	0.21	0.83	3.3	ug/Kg
207-08-9	Benzo(k)fluoranthene	0.39	U	0.39	0.83	3.3	ug/Kg
50-32-8	Benzo(a)pyrene	0.36	U	0.36	0.83	3.3	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	0.86	U	0.86	0.83	3.3	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	0.89	U	0.89	0.83	3.3	ug/Kg
191-24-2	Benzo(g,h,i)perylene	0.98	U	0.98	0.83	3.3	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	4.932		15-120		62	SPK: -8
93951-69-0	Fluoranthene-d10	0.27		30-130		68	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	9237	7.607				
1146-65-2	Naphthalene-d8	26954	10.382				
15067-26-2	Acenaphthene-d10	14400	14.253				

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Report of Analysis

Client:				Date Collected:	6/20/2024 12:00:00 AM
Project:				Date Received:	6/20/2024 12:00:00 AM
Client Sample ID:	SBLK603			SDG No.:	BN070124
Lab Sample ID:	PB161603BL			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
BN032383.D	1	6/20/2024 12:00:00 AM	7/2/2024 12:00:00 AM	PB161603

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	27907	17.007				
1719-03-5	Chrysene-d12	23594	21.217				
1520-96-3	Perylene-d12	25283	23.43				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	1.1	U			99	ug/Kg

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Report of Analysis

Client:				Date Collected:	6/13/2024 12:00:00 AM
Project:				Date Received:	6/13/2024 12:00:00 AM
Client Sample ID:	A4CN6			SDG No.:	BN070124
Lab Sample ID:	P2871-20			Matrix:	Solid
Analytical Method:	SFAM_SVOASIM			% Moisture:	17.9
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
BN032384.D	1	6/20/2024 12:00:00 AM	7/2/2024 12:00:00 AM	PB161603

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	1.3	U	1.3	0	8.2	ug/Kg
91-20-3	Naphthalene	0.45	U	0.45	1	4	ug/Kg
90-12-0	1-Methylnaphthalene	1	U	1	1	4	ug/Kg
91-57-6	2-Methylnaphthalene	0.41	U	0.41	1	4	ug/Kg
208-96-8	Acenaphthylene	0.57	U	0.57	1	4	ug/Kg
83-32-9	Acenaphthene	0.48	U	0.48	1	4	ug/Kg
86-73-7	Fluorene	0.83	U	0.83	1	4	ug/Kg
87-86-5	Pentachlorophenol	1.7	U	1.7	2	8.2	ug/Kg
85-01-8	Phenanthrene	2.1	J	0.62	1	4	ug/Kg
120-12-7	Anthracene	0.63	U	0.63	1	4	ug/Kg
206-44-0	Fluoranthene	4.3		0.83	1	4	ug/Kg
129-00-0	Pyrene	4.2		0.63	1	4	ug/Kg
56-55-3	Benzo(a)anthracene	2.4	J	0.51	1	4	ug/Kg
218-01-9	Chrysene	2.1	J	0.51	1	4	ug/Kg
205-99-2	Benzo(b)fluoranthene	2.9	J	0.26	1	4	ug/Kg
207-08-9	Benzo(k)fluoranthene	1	J	0.48	1	4	ug/Kg
50-32-8	Benzo(a)pyrene	2.5	J	0.44	1	4	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	1.4	J	1	1	4	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	1.1	U	1.1	1	4	ug/Kg
191-24-2	Benzo(g,h,i)perylene	1.7	J	1.2	1	4	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	3.177		15-120		40	SPK: -8
93951-69-0	Fluoranthene-d10	0.315		30-130		79	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.245		20-140		61	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	8088	7.607				
1146-65-2	Naphthalene-d8	25894	10.38				
15067-26-2	Acenaphthene-d10	14738	14.252				

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Report of Analysis

Client:				Date Collected:	6/13/2024 12:00:00 AM
Project:				Date Received:	6/13/2024 12:00:00 AM
Client Sample ID:	A4CN6			SDG No.:	BN070124
Lab Sample ID:	P2871-20			Matrix:	Solid
Analytical Method:	SFAM_SVOASIM			% Moisture:	17.9
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
BN032384.D	1	6/20/2024 12:00:00 AM	7/2/2024 12:00:00 AM	PB161603

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	26469	17.006				
1719-03-5	Chrysene-d12	17668	21.216				
1520-96-3	Perylene-d12	18097	23.425				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	1.3	U			99	ug/Kg

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Report of Analysis

Client:				Date Collected:	6/13/2024 12:00:00 AM
Project:				Date Received:	6/13/2024 12:00:00 AM
Client Sample ID:	A4CN3			SDG No.:	BN070124
Lab Sample ID:	P2871-13			Matrix:	Solid
Analytical Method:	SFAM_SVOASIM			% Moisture:	8.6
Sample Wt/Vol:	30	Units:	g	Final Vol:	500 uL
Soil Aliquot Vol:			uL	Test:	
Extraction Type :			Decanted :	Level :	LOW
Injection Volume :			GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN032385.D	1	6/20/2024 12:00:00 AM	7/2/2024 12:00:00 AM	PB161603

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	1.2	U	1.2	0	7.3	ug/Kg
91-20-3	Naphthalene	0.4	U	0.4	0.9	3.6	ug/Kg
90-12-0	1-Methylnaphthalene	0.93	U	0.93	0.9	3.6	ug/Kg
91-57-6	2-Methylnaphthalene	0.37	U	0.37	0.9	3.6	ug/Kg
208-96-8	Acenaphthylene	0.51	U	0.51	0.9	3.6	ug/Kg
83-32-9	Acenaphthene	0.43	U	0.43	0.9	3.6	ug/Kg
86-73-7	Fluorene	0.74	U	0.74	0.9	3.6	ug/Kg
87-86-5	Pentachlorophenol	1.5	U	1.5	1.8	7.3	ug/Kg
85-01-8	Phenanthrene	2.7	J	0.56	0.9	3.6	ug/Kg
120-12-7	Anthracene	0.57	U	0.57	0.9	3.6	ug/Kg
206-44-0	Fluoranthene	5.3		0.74	0.9	3.6	ug/Kg
129-00-0	Pyrene	4.7		0.57	0.9	3.6	ug/Kg
56-55-3	Benzo(a)anthracene	2.9	J	0.46	0.9	3.6	ug/Kg
218-01-9	Chrysene	2.6	J	0.46	0.9	3.6	ug/Kg
205-99-2	Benzo(b)fluoranthene	3.5	J	0.23	0.9	3.6	ug/Kg
207-08-9	Benzo(k)fluoranthene	1.5	J	0.43	0.9	3.6	ug/Kg
50-32-8	Benzo(a)pyrene	3.2	J	0.39	0.9	3.6	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	1.8	J	0.94	0.9	3.6	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	0.97	U	0.97	0.9	3.6	ug/Kg
191-24-2	Benzo(g,h,i)perylene	2.3	J	1.1	0.9	3.6	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	2.036		15-120		25	SPK: -8
93951-69-0	Fluoranthene-d10	0.247		30-130		62	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.169		20-140		42	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	8795	7.607				
1146-65-2	Naphthalene-d8	26633	10.381				
15067-26-2	Acenaphthene-d10	13879	14.252				

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Report of Analysis

Client:				Date Collected:	6/13/2024 12:00:00 AM
Project:				Date Received:	6/13/2024 12:00:00 AM
Client Sample ID:	A4CN3			SDG No.:	BN070124
Lab Sample ID:	P2871-13			Matrix:	Solid
Analytical Method:	SFAM_SVOASIM			% Moisture:	8.6
Sample Wt/Vol:	30	Units:	g	Final Vol:	500 uL
Soil Aliquot Vol:			uL	Test:	
Extraction Type :			Decanted :	Level :	LOW
Injection Volume :			GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN032385.D	1	6/20/2024 12:00:00 AM	7/2/2024 12:00:00 AM	PB161603

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	23678	17.006				
1719-03-5	Chrysene-d12	18427	21.213				
1520-96-3	Perylene-d12	19821	23.428				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	1.2	U			99	ug/Kg

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Report of Analysis

Client:				Date Collected:	6/13/2024 12:00:00 AM
Project:				Date Received:	6/13/2024 12:00:00 AM
Client Sample ID:	A4CJ2			SDG No.:	BN070124
Lab Sample ID:	P2871-12			Matrix:	Solid
Analytical Method:	SFAM_SVOASIM			% Moisture:	16.7
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
BN032386.D	1	6/20/2024 12:00:00 AM	7/2/2024 12:00:00 AM	PB161603

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	1.3	U	1.3	0	8	ug/Kg
91-20-3	Naphthalene	0.44	U	0.44	0.99	3.9	ug/Kg
90-12-0	1-Methylnaphthalene	1	U	1	0.99	3.9	ug/Kg
91-57-6	2-Methylnaphthalene	0.41	U	0.41	0.99	3.9	ug/Kg
208-96-8	Acenaphthylene	0.96	J	0.56	0.99	3.9	ug/Kg
83-32-9	Acenaphthene	0.47	U	0.47	0.99	3.9	ug/Kg
86-73-7	Fluorene	0.81	U	0.81	0.99	3.9	ug/Kg
87-86-5	Pentachlorophenol	1.7	U	1.7	2	8	ug/Kg
85-01-8	Phenanthrene	7.7		0.61	0.99	3.9	ug/Kg
120-12-7	Anthracene	2.2	J	0.62	0.99	3.9	ug/Kg
206-44-0	Fluoranthene	14		0.81	0.99	3.9	ug/Kg
129-00-0	Pyrene	13		0.62	0.99	3.9	ug/Kg
56-55-3	Benzo(a)anthracene	7.1		0.5	0.99	3.9	ug/Kg
218-01-9	Chrysene	5.8		0.5	0.99	3.9	ug/Kg
205-99-2	Benzo(b)fluoranthene	7.7		0.25	0.99	3.9	ug/Kg
207-08-9	Benzo(k)fluoranthene	3	J	0.47	0.99	3.9	ug/Kg
50-32-8	Benzo(a)pyrene	7.7		0.43	0.99	3.9	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	3.7	J	1	0.99	3.9	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	1.2	J	1.1	0.99	3.9	ug/Kg
191-24-2	Benzo(g,h,i)perylene	4.6		1.2	0.99	3.9	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	3.029		15-120		38	SPK: -8
93951-69-0	Fluoranthene-d10	0.275		30-130		69	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.208		20-140		52	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	8113	7.607				
1146-65-2	Naphthalene-d8	25985	10.381				
15067-26-2	Acenaphthene-d10	14534	14.253				

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Report of Analysis

Client:				Date Collected:	6/13/2024 12:00:00 AM
Project:				Date Received:	6/13/2024 12:00:00 AM
Client Sample ID:	A4CJ2			SDG No.:	BN070124
Lab Sample ID:	P2871-12			Matrix:	Solid
Analytical Method:	SFAM_SVOASIM			% Moisture:	16.7
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
BN032386.D	1	6/20/2024 12:00:00 AM	7/2/2024 12:00:00 AM	PB161603

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	25850	17.007				
1719-03-5	Chrysene-d12	17896	21.214				
1520-96-3	Perylene-d12	18240	23.426				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	1.3	U			99	ug/Kg

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Report of Analysis

Client:				Date Collected:	6/13/2024 12:00:00 AM
Project:				Date Received:	6/13/2024 12:00:00 AM
Client Sample ID:	A4C52			SDG No.:	BN070124
Lab Sample ID:	P2871-04			Matrix:	Solid
Analytical Method:	SFAM_SVOASIM			% Moisture:	9.1
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
BN032387.D	1	6/20/2024 12:00:00 AM	7/2/2024 12:00:00 AM	PB161603

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	1.2	U	1.2	0	7.4	ug/Kg
91-20-3	Naphthalene	3.2	J	0.41	0.91	3.6	ug/Kg
90-12-0	1-Methylnaphthalene	1.5	J	0.94	0.91	3.6	ug/Kg
91-57-6	2-Methylnaphthalene	1.9	J	0.37	0.91	3.6	ug/Kg
208-96-8	Acenaphthylene	6.3		0.52	0.91	3.6	ug/Kg
83-32-9	Acenaphthene	4.3		0.43	0.91	3.6	ug/Kg
86-73-7	Fluorene	4.3		0.75	0.91	3.6	ug/Kg
87-86-5	Pentachlorophenol	2.9	J	1.5	1.8	7.4	ug/Kg
85-01-8	Phenanthrene	61	E	0.56	0.91	3.6	ug/Kg
120-12-7	Anthracene	14		0.57	0.91	3.6	ug/Kg
206-44-0	Fluoranthene	120	E	0.75	0.91	3.6	ug/Kg
129-00-0	Pyrene	87	E	0.57	0.91	3.6	ug/Kg
56-55-3	Benzo(a)anthracene	53		0.46	0.91	3.6	ug/Kg
218-01-9	Chrysene	54		0.46	0.91	3.6	ug/Kg
205-99-2	Benzo(b)fluoranthene	61	E	0.23	0.91	3.6	ug/Kg
207-08-9	Benzo(k)fluoranthene	23		0.43	0.91	3.6	ug/Kg
50-32-8	Benzo(a)pyrene	42		0.4	0.91	3.6	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	25		0.95	0.91	3.6	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	9.9		0.98	0.91	3.6	ug/Kg
191-24-2	Benzo(g,h,i)perylene	7.1		1.1	0.91	3.6	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	3.644		15-120		46	SPK: -8
93951-69-0	Fluoranthene-d10	0.33		30-130		83	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.282		20-140		70	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	7771	7.608				
1146-65-2	Naphthalene-d8	24650	10.381				
15067-26-2	Acenaphthene-d10	14450	14.252				

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Report of Analysis

Client:				Date Collected:	6/13/2024 12:00:00 AM
Project:				Date Received:	6/13/2024 12:00:00 AM
Client Sample ID:	A4C52			SDG No.:	BN070124
Lab Sample ID:	P2871-04			Matrix:	Solid
Analytical Method:	SFAM_SVOASIM			% Moisture:	9.1
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
BN032387.D	1	6/20/2024 12:00:00 AM	7/2/2024 12:00:00 AM	PB161603

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	26544	17.006				
1719-03-5	Chrysene-d12	17305	21.21				
1520-96-3	Perylene-d12	17950	23.426				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	1.2	U			99	ug/Kg

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Report of Analysis

Client:				Date Collected:	6/13/2024 12:00:00 AM
Project:				Date Received:	6/13/2024 12:00:00 AM
Client Sample ID:	A4CN7			SDG No.:	BN070124
Lab Sample ID:	P2871-16			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
BN032388.D	1	6/20/2024 12:00:00 AM	7/2/2024 12:00:00 AM	PB161603

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	1.2	U	1.2	0	7.4	ug/Kg
91-20-3	Naphthalene	7.5		0.41	0.91	3.6	ug/Kg
90-12-0	1-Methylnaphthalene	2.9	J	0.94	0.91	3.6	ug/Kg
91-57-6	2-Methylnaphthalene	4.7		0.38	0.91	3.6	ug/Kg
208-96-8	Acenaphthylene	12		0.52	0.91	3.6	ug/Kg
83-32-9	Acenaphthene	6.3		0.43	0.91	3.6	ug/Kg
86-73-7	Fluorene	6.4		0.75	0.91	3.6	ug/Kg
87-86-5	Pentachlorophenol	1.8	J	1.5	1.8	7.4	ug/Kg
85-01-8	Phenanthrene	110	E	0.56	0.91	3.6	ug/Kg
120-12-7	Anthracene	22		0.57	0.91	3.6	ug/Kg
206-44-0	Fluoranthene	230	E	0.75	0.91	3.6	ug/Kg
129-00-0	Pyrene	160	E	0.57	0.91	3.6	ug/Kg
56-55-3	Benzo(a)anthracene	99	E	0.46	0.91	3.6	ug/Kg
218-01-9	Chrysene	110	E	0.46	0.91	3.6	ug/Kg
205-99-2	Benzo(b)fluoranthene	130	E	0.23	0.91	3.6	ug/Kg
207-08-9	Benzo(k)fluoranthene	43		0.43	0.91	3.6	ug/Kg
50-32-8	Benzo(a)pyrene	70	E	0.4	0.91	3.6	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	48		0.95	0.91	3.6	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	22		0.98	0.91	3.6	ug/Kg
191-24-2	Benzo(g,h,i)perylene	12		1.1	0.91	3.6	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	3.909		15-120		49	SPK: -8
93951-69-0	Fluoranthene-d10	0.335		30-130		84	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.293		20-140		73	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	10136	7.603				
1146-65-2	Naphthalene-d8	32303	10.382				
15067-26-2	Acenaphthene-d10	18901	14.253				

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Report of Analysis

Client:				Date Collected:	6/13/2024 12:00:00 AM
Project:				Date Received:	6/13/2024 12:00:00 AM
Client Sample ID:	A4CN7			SDG No.:	BN070124
Lab Sample ID:	P2871-16			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
BN032388.D	1	6/20/2024 12:00:00 AM	7/2/2024 12:00:00 AM	PB161603

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	32550	17.008				
1719-03-5	Chrysene-d12	21705	21.212				
1520-96-3	Perylene-d12	23647	23.43				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	1.2	U			99	ug/Kg

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Report of Analysis

Client:				Date Collected:	6/13/2024 12:00:00 AM
Project:				Date Received:	6/13/2024 12:00:00 AM
Client Sample ID:	A4C53			SDG No.:	BN070124
Lab Sample ID:	P2871-05			Matrix:	Solid
Analytical Method:	SFAM_SVOASIM			% Moisture:	8.2
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
BN032389.D	1	6/20/2024 12:00:00 AM	7/2/2024 12:00:00 AM	PB161603

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	1.2	U	1.2	0	7.3	ug/Kg
91-20-3	Naphthalene	2	J	0.4	0.9	3.6	ug/Kg
90-12-0	1-Methylnaphthalene	0.92	U	0.92	0.9	3.6	ug/Kg
91-57-6	2-Methylnaphthalene	1.2	J	0.37	0.9	3.6	ug/Kg
208-96-8	Acenaphthylene	5.6		0.51	0.9	3.6	ug/Kg
83-32-9	Acenaphthene	1.7	J	0.42	0.9	3.6	ug/Kg
86-73-7	Fluorene	1.8	J	0.74	0.9	3.6	ug/Kg
87-86-5	Pentachlorophenol	2.1	J	1.5	1.8	7.3	ug/Kg
85-01-8	Phenanthrene	31		0.55	0.9	3.6	ug/Kg
120-12-7	Anthracene	7.8		0.56	0.9	3.6	ug/Kg
206-44-0	Fluoranthene	68	E	0.74	0.9	3.6	ug/Kg
129-00-0	Pyrene	58	E	0.56	0.9	3.6	ug/Kg
56-55-3	Benzo(a)anthracene	33		0.46	0.9	3.6	ug/Kg
218-01-9	Chrysene	32		0.46	0.9	3.6	ug/Kg
205-99-2	Benzo(b)fluoranthene	39		0.23	0.9	3.6	ug/Kg
207-08-9	Benzo(k)fluoranthene	13		0.42	0.9	3.6	ug/Kg
50-32-8	Benzo(a)pyrene	38		0.39	0.9	3.6	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	18		0.93	0.9	3.6	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	6		0.97	0.9	3.6	ug/Kg
191-24-2	Benzo(g,h,i)perylene	23		1.1	0.9	3.6	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	2.967		15-120		37	SPK: -8
93951-69-0	Fluoranthene-d10	0.294		30-130		74	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.238		20-140		60	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	8981	7.607				
1146-65-2	Naphthalene-d8	28709	10.381				
15067-26-2	Acenaphthene-d10	16538	14.252				

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Report of Analysis

Client:				Date Collected:	6/13/2024 12:00:00 AM
Project:				Date Received:	6/13/2024 12:00:00 AM
Client Sample ID:	A4C53			SDG No.:	BN070124
Lab Sample ID:	P2871-05			Matrix:	Solid
Analytical Method:	SFAM_SVOASIM			% Moisture:	8.2
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
BN032389.D	1	6/20/2024 12:00:00 AM	7/2/2024 12:00:00 AM	PB161603

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	28849	17.006				
1719-03-5	Chrysene-d12	19614	21.213				
1520-96-3	Perylene-d12	21329	23.431				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	1.2	U			99	ug/Kg

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Report of Analysis

Client:				Date Collected:	6/13/2024 12:00:00 AM
Project:				Date Received:	6/13/2024 12:00:00 AM
Client Sample ID:	A4CN4			SDG No.:	BN070124
Lab Sample ID:	P2871-14			Matrix:	Solid
Analytical Method:	SFAM_SVOASIM			% Moisture:	36.7
Sample Wt/Vol:	30	Units:	g	Final Vol:	500 uL
Soil Aliquot Vol:			uL	Test:	
Extraction Type :			Decanted :	Level :	LOW
Injection Volume :			GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN032390.D	1	6/20/2024 12:00:00 AM	7/2/2024 12:00:00 AM	PB161603

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	1.7	U	1.7	0	11	ug/Kg
91-20-3	Naphthalene	12		0.58	1.3	5.2	ug/Kg
90-12-0	1-Methylnaphthalene	3.5	J	1.3	1.3	5.2	ug/Kg
91-57-6	2-Methylnaphthalene	5.6		0.54	1.3	5.2	ug/Kg
208-96-8	Acenaphthylene	13		0.74	1.3	5.2	ug/Kg
83-32-9	Acenaphthene	11		0.62	1.3	5.2	ug/Kg
86-73-7	Fluorene	11		1.1	1.3	5.2	ug/Kg
87-86-5	Pentachlorophenol	2.2	U	2.2	2.6	11	ug/Kg
85-01-8	Phenanthrene	180	E	0.81	1.3	5.2	ug/Kg
120-12-7	Anthracene	36		0.82	1.3	5.2	ug/Kg
206-44-0	Fluoranthene	410	E	1.1	1.3	5.2	ug/Kg
129-00-0	Pyrene	270	E	0.82	1.3	5.2	ug/Kg
56-55-3	Benzo(a)anthracene	170	E	0.66	1.3	5.2	ug/Kg
218-01-9	Chrysene	180	E	0.66	1.3	5.2	ug/Kg
205-99-2	Benzo(b)fluoranthene	210	E	0.33	1.3	5.2	ug/Kg
207-08-9	Benzo(k)fluoranthene	77		0.62	1.3	5.2	ug/Kg
50-32-8	Benzo(a)pyrene	110	E	0.57	1.3	5.2	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	75		1.4	1.3	5.2	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	32		1.4	1.3	5.2	ug/Kg
191-24-2	Benzo(g,h,i)perylene	15		1.5	1.3	5.2	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	3.399		15-120		42	SPK: -8
93951-69-0	Fluoranthene-d10	0.304		30-130		76	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.254		20-140		63	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	8819	7.603				
1146-65-2	Naphthalene-d8	28699	10.382				
15067-26-2	Acenaphthene-d10	16813	14.253				

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Report of Analysis

Client:				Date Collected:	6/13/2024 12:00:00 AM
Project:				Date Received:	6/13/2024 12:00:00 AM
Client Sample ID:	A4CN4			SDG No.:	BN070124
Lab Sample ID:	P2871-14			Matrix:	Solid
Analytical Method:	SFAM_SVOASIM			% Moisture:	36.7
Sample Wt/Vol:	30	Units:	g	Final Vol:	500 uL
Soil Aliquot Vol:			uL	Test:	
Extraction Type :			Decanted :	Level :	LOW
Injection Volume :			GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN032390.D	1	6/20/2024 12:00:00 AM	7/2/2024 12:00:00 AM	PB161603

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	30369	17.008				
1719-03-5	Chrysene-d12	18578	21.212				
1520-96-3	Perylene-d12	20844	23.43				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	1.7	U			99	ug/Kg

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Hit Summary Sheet
SW-846

SDG No.: BN070124

Client:

Sample ID	Client ID	Matrix	Parameter		Concentration	C	MDL	RDL	Units
Client ID : A4C52									
P2871-04	A4C52	Solid	Total Alkanes	*	0.000		1.2	7.4	ug/Kg
			Total Tics :		**0.00**				
P2871-04	A4C52	Solid	1-Methylnaphthalene		1.500	J	0.94	3.6	ug/Kg
P2871-04	A4C52	Solid	2-Methylnaphthalene		1.900	J	0.37	3.6	ug/Kg
P2871-04	A4C52	Solid	Acenaphthene		4.300		0.43	3.6	ug/Kg
P2871-04	A4C52	Solid	Acenaphthylene		6.300		0.52	3.6	ug/Kg
P2871-04	A4C52	Solid	Anthracene		14.000		0.57	3.6	ug/Kg
P2871-04	A4C52	Solid	Benzo(a)anthracene		53.000		0.46	3.6	ug/Kg
P2871-04	A4C52	Solid	Benzo(a)pyrene		42.000		0.4	3.6	ug/Kg
P2871-04	A4C52	Solid	Benzo(b)fluoranthene		61.000	E	0.23	3.6	ug/Kg
P2871-04	A4C52	Solid	Benzo(g,h,i)perylene		7.100		1.1	3.6	ug/Kg
P2871-04	A4C52	Solid	Benzo(k)fluoranthene		23.000		0.43	3.6	ug/Kg
P2871-04	A4C52	Solid	Chrysene		54.000		0.46	3.6	ug/Kg
P2871-04	A4C52	Solid	Dibenzo(a,h)anthracene		9.900		0.98	3.6	ug/Kg
P2871-04	A4C52	Solid	Fluoranthene		120.000	E	0.75	3.6	ug/Kg
P2871-04	A4C52	Solid	Fluorene		4.300		0.75	3.6	ug/Kg
P2871-04	A4C52	Solid	Indeno(1,2,3-cd)pyrene		25.000		0.95	3.6	ug/Kg
P2871-04	A4C52	Solid	Naphthalene		3.200	J	0.41	3.6	ug/Kg
P2871-04	A4C52	Solid	Pentachlorophenol		2.900	J	1.5	7.4	ug/Kg
P2871-04	A4C52	Solid	Phenanthrene		61.000	E	0.56	3.6	ug/Kg
P2871-04	A4C52	Solid	Pyrene		87.000	E	0.57	3.6	ug/Kg
			Total Svoc :		**581.40**				
			Total Concentration:		**581.40**				
Client ID : A4C53									
P2871-05	A4C53	Solid	Total Alkanes	*	0.000		1.2	7.3	ug/Kg
			Total Tics :		**0.00**				
P2871-05	A4C53	Solid	2-Methylnaphthalene		1.200	J	0.37	3.6	ug/Kg
P2871-05	A4C53	Solid	Acenaphthene		1.700	J	0.42	3.6	ug/Kg
P2871-05	A4C53	Solid	Acenaphthylene		5.600		0.51	3.6	ug/Kg
P2871-05	A4C53	Solid	Anthracene		7.800		0.56	3.6	ug/Kg
P2871-05	A4C53	Solid	Benzo(a)anthracene		33.000		0.46	3.6	ug/Kg
P2871-05	A4C53	Solid	Benzo(a)pyrene		38.000		0.39	3.6	ug/Kg
P2871-05	A4C53	Solid	Benzo(b)fluoranthene		39.000		0.23	3.6	ug/Kg
P2871-05	A4C53	Solid	Benzo(g,h,i)perylene		23.000		1.1	3.6	ug/Kg
P2871-05	A4C53	Solid	Benzo(k)fluoranthene		13.000		0.42	3.6	ug/Kg
P2871-05	A4C53	Solid	Chrysene		32.000		0.46	3.6	ug/Kg
P2871-05	A4C53	Solid	Dibenzo(a,h)anthracene		6.000		0.97	3.6	ug/Kg

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Hit Summary Sheet
SW-846

SDG No.: BN070124

Client:

Sample ID	Client ID	Matrix	Parameter		Concentration	C	MDL	RDL	Units
P2871-05	A4C53	Solid	Fluoranthene		68.000	E	0.74	3.6	ug/Kg
P2871-05	A4C53	Solid	Fluorene		1.800	J	0.74	3.6	ug/Kg
P2871-05	A4C53	Solid	Indeno(1,2,3-cd)pyrene		18.000		0.93	3.6	ug/Kg
P2871-05	A4C53	Solid	Naphthalene		2.000	J	0.4	3.6	ug/Kg
P2871-05	A4C53	Solid	Pentachlorophenol		2.100	J	1.5	7.3	ug/Kg
P2871-05	A4C53	Solid	Phenanthrene		31.000		0.55	3.6	ug/Kg
P2871-05	A4C53	Solid	Pyrene		58.000	E	0.56	3.6	ug/Kg
			Total Svoc :		**381.20**				
			Total Concentration:		**381.20**				
Client ID :	**A4CJ2**								
P2871-12	A4CJ2	Solid	Total Alkanes	*	0.000		1.3	8	ug/Kg
			Total Tics :		**0.00**				
P2871-12	A4CJ2	Solid	Acenaphthylene		0.960	J	0.56	3.9	ug/Kg
P2871-12	A4CJ2	Solid	Anthracene		2.200	J	0.62	3.9	ug/Kg
P2871-12	A4CJ2	Solid	Benzo(a)anthracene		7.100		0.5	3.9	ug/Kg
P2871-12	A4CJ2	Solid	Benzo(a)pyrene		7.700		0.43	3.9	ug/Kg
P2871-12	A4CJ2	Solid	Benzo(b)fluoranthene		7.700		0.25	3.9	ug/Kg
P2871-12	A4CJ2	Solid	Benzo(g,h,i)perylene		4.600		1.2	3.9	ug/Kg
P2871-12	A4CJ2	Solid	Benzo(k)fluoranthene		3.000	J	0.47	3.9	ug/Kg
P2871-12	A4CJ2	Solid	Chrysene		5.800		0.5	3.9	ug/Kg
P2871-12	A4CJ2	Solid	Dibenzo(a,h)anthracene		1.200	J	1.1	3.9	ug/Kg
P2871-12	A4CJ2	Solid	Fluoranthene		14.000		0.81	3.9	ug/Kg
P2871-12	A4CJ2	Solid	Indeno(1,2,3-cd)pyrene		3.700	J	1	3.9	ug/Kg
P2871-12	A4CJ2	Solid	Phenanthrene		7.700		0.61	3.9	ug/Kg
P2871-12	A4CJ2	Solid	Pyrene		13.000		0.62	3.9	ug/Kg
			Total Svoc :		**78.66**				
			Total Concentration:		**78.66**				
Client ID :	**A4CN3**								
P2871-13	A4CN3	Solid	Total Alkanes	*	0.000		1.2	7.3	ug/Kg
			Total Tics :		**0.00**				
P2871-13	A4CN3	Solid	Benzo(a)anthracene		2.900	J	0.46	3.6	ug/Kg
P2871-13	A4CN3	Solid	Benzo(a)pyrene		3.200	J	0.39	3.6	ug/Kg
P2871-13	A4CN3	Solid	Benzo(b)fluoranthene		3.500	J	0.23	3.6	ug/Kg
P2871-13	A4CN3	Solid	Benzo(g,h,i)perylene		2.300	J	1.1	3.6	ug/Kg
P2871-13	A4CN3	Solid	Benzo(k)fluoranthene		1.500	J	0.43	3.6	ug/Kg
P2871-13	A4CN3	Solid	Chrysene		2.600	J	0.46	3.6	ug/Kg
P2871-13	A4CN3	Solid	Fluoranthene		5.300		0.74	3.6	ug/Kg
P2871-13	A4CN3	Solid	Indeno(1,2,3-cd)pyrene		1.800	J	0.94	3.6	ug/Kg
P2871-13	A4CN3	Solid	Phenanthrene		2.700	J	0.56	3.6	ug/Kg
P2871-13	A4CN3	Solid	Pyrene		4.700		0.57	3.6	ug/Kg

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284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
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Hit Summary Sheet
SW-846

SDG No.: BN070124

Client:

Sample ID	Client ID	Matrix	Parameter		Concentration	C	MDL	RDL	Units
			Total Svoc :		**30.50**				
			Total Concentration:		**30.50**				
Client ID : A4CN4									
P2871-14	A4CN4	Solid	Total Alkanes	*	0.000		1.7	11	ug/Kg
			Total Tics :		**0.00**				
P2871-14	A4CN4	Solid	1-Methylnaphthalene		3.500	J	1.3	5.2	ug/Kg
P2871-14	A4CN4	Solid	2-Methylnaphthalene		5.600		0.54	5.2	ug/Kg
P2871-14	A4CN4	Solid	Acenaphthene		11.000		0.62	5.2	ug/Kg
P2871-14	A4CN4	Solid	Acenaphthylene		13.000		0.74	5.2	ug/Kg
P2871-14	A4CN4	Solid	Anthracene		36.000		0.82	5.2	ug/Kg
P2871-14	A4CN4	Solid	Benzo(a)anthracene		170.000	E	0.66	5.2	ug/Kg
P2871-14	A4CN4	Solid	Benzo(a)pyrene		110.000	E	0.57	5.2	ug/Kg
P2871-14	A4CN4	Solid	Benzo(b)fluoranthene		210.000	E	0.33	5.2	ug/Kg
P2871-14	A4CN4	Solid	Benzo(g,h,i)perylene		15.000		1.5	5.2	ug/Kg
P2871-14	A4CN4	Solid	Benzo(k)fluoranthene		77.000		0.62	5.2	ug/Kg
P2871-14	A4CN4	Solid	Chrysene		180.000	E	0.66	5.2	ug/Kg
P2871-14	A4CN4	Solid	Dibenzo(a,h)anthracene		32.000		1.4	5.2	ug/Kg
P2871-14	A4CN4	Solid	Fluoranthene		410.000	E	1.1	5.2	ug/Kg
P2871-14	A4CN4	Solid	Fluorene		11.000		1.1	5.2	ug/Kg
P2871-14	A4CN4	Solid	Indeno(1,2,3-cd)pyrene		75.000		1.4	5.2	ug/Kg
P2871-14	A4CN4	Solid	Naphthalene		12.000		0.58	5.2	ug/Kg
P2871-14	A4CN4	Solid	Phenanthrene		180.000	E	0.81	5.2	ug/Kg
P2871-14	A4CN4	Solid	Pyrene		270.000	E	0.82	5.2	ug/Kg
			Total Svoc :		**1,821.10**				
			Total Concentration:		**1,821.10**				
Client ID : A4CN7									
P2871-16	A4CN7	Solid	Total Alkanes	*	0.000		1.2	7.4	ug/Kg
			Total Tics :		**0.00**				
P2871-16	A4CN7	Solid	1-Methylnaphthalene		2.900	J	0.94	3.6	ug/Kg
P2871-16	A4CN7	Solid	2-Methylnaphthalene		4.700		0.38	3.6	ug/Kg
P2871-16	A4CN7	Solid	Acenaphthene		6.300		0.43	3.6	ug/Kg
P2871-16	A4CN7	Solid	Acenaphthylene		12.000		0.52	3.6	ug/Kg
P2871-16	A4CN7	Solid	Anthracene		22.000		0.57	3.6	ug/Kg
P2871-16	A4CN7	Solid	Benzo(a)anthracene		99.000	E	0.46	3.6	ug/Kg
P2871-16	A4CN7	Solid	Benzo(a)pyrene		70.000	E	0.4	3.6	ug/Kg
P2871-16	A4CN7	Solid	Benzo(b)fluoranthene		130.000	E	0.23	3.6	ug/Kg
P2871-16	A4CN7	Solid	Benzo(g,h,i)perylene		12.000		1.1	3.6	ug/Kg
P2871-16	A4CN7	Solid	Benzo(k)fluoranthene		43.000		0.43	3.6	ug/Kg
P2871-16	A4CN7	Solid	Chrysene		110.000	E	0.46	3.6	ug/Kg
P2871-16	A4CN7	Solid	Dibenzo(a,h)anthracene		22.000		0.98	3.6	ug/Kg

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284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
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Hit Summary Sheet
SW-846

SDG No.: BN070124

Client:

Sample ID	Client ID	Matrix	Parameter		Concentration	C	MDL	RDL	Units
P2871-16	A4CN7	Solid	Fluoranthene		230.000	E	0.75	3.6	ug/Kg
P2871-16	A4CN7	Solid	Fluorene		6.400		0.75	3.6	ug/Kg
P2871-16	A4CN7	Solid	Indeno(1,2,3-cd)pyrene		48.000		0.95	3.6	ug/Kg
P2871-16	A4CN7	Solid	Naphthalene		7.500		0.41	3.6	ug/Kg
P2871-16	A4CN7	Solid	Pentachlorophenol		1.800	J	1.5	7.4	ug/Kg
P2871-16	A4CN7	Solid	Phenanthrene		110.000	E	0.56	3.6	ug/Kg
P2871-16	A4CN7	Solid	Pyrene		160.000	E	0.57	3.6	ug/Kg
			Total Svoc :		**1,097.60**				
			Total Concentration:		**1,097.60**				
Client ID :	**A4CN6**								
P2871-20	A4CN6	Solid	Total Alkanes	*	0.000		1.3	8.2	ug/Kg
			Total Tics :		**0.00**				
P2871-20	A4CN6	Solid	Benzo(a)anthracene		2.400	J	0.51	4	ug/Kg
P2871-20	A4CN6	Solid	Benzo(a)pyrene		2.500	J	0.44	4	ug/Kg
P2871-20	A4CN6	Solid	Benzo(b)fluoranthene		2.900	J	0.26	4	ug/Kg
P2871-20	A4CN6	Solid	Benzo(g,h,i)perylene		1.700	J	1.2	4	ug/Kg
P2871-20	A4CN6	Solid	Benzo(k)fluoranthene		1.000	J	0.48	4	ug/Kg
P2871-20	A4CN6	Solid	Chrysene		2.100	J	0.51	4	ug/Kg
P2871-20	A4CN6	Solid	Fluoranthene		4.300		0.83	4	ug/Kg
P2871-20	A4CN6	Solid	Indeno(1,2,3-cd)pyrene		1.400	J	1	4	ug/Kg
P2871-20	A4CN6	Solid	Phenanthrene		2.100	J	0.62	4	ug/Kg
P2871-20	A4CN6	Solid	Pyrene		4.200		0.63	4	ug/Kg
			Total Svoc :		**24.60**				
			Total Concentration:		**24.60**				
Client ID :	**A4DN7**								
P2871-21	A4DN7	Solid	Total Alkanes	*	0.000		1.1	6.7	ug/Kg
			Total Tics :		**0.00**				
P2871-21	A4DN7	Solid	Acenaphthene		290.000	E	0.39	3.3	ug/Kg
P2871-21	A4DN7	Solid	Acenaphthylene		120.000	E	0.47	3.3	ug/Kg
P2871-21	A4DN7	Solid	Anthracene		550.000	E	0.52	3.3	ug/Kg
P2871-21	A4DN7	Solid	Benzo(a)anthracene		150.000	E	0.42	3.3	ug/Kg
P2871-21	A4DN7	Solid	Benzo(a)pyrene		51.000		0.36	3.3	ug/Kg
P2871-21	A4DN7	Solid	Benzo(b)fluoranthene		95.000	E	0.21	3.3	ug/Kg
P2871-21	A4DN7	Solid	Benzo(g,h,i)perylene		150.000	E	0.97	3.3	ug/Kg
P2871-21	A4DN7	Solid	Benzo(k)fluoranthene		120.000	E	0.39	3.3	ug/Kg
P2871-21	A4DN7	Solid	Chrysene		52.000		0.42	3.3	ug/Kg
P2871-21	A4DN7	Solid	Dibenzo(a,h)anthracene		190.000	E	0.88	3.3	ug/Kg
P2871-21	A4DN7	Solid	Fluoranthene		150.000	E	0.68	3.3	ug/Kg
P2871-21	A4DN7	Solid	Fluorene		120.000	E	0.68	3.3	ug/Kg
P2871-21	A4DN7	Solid	Indeno(1,2,3-cd)pyrene		190.000	E	0.85	3.3	ug/Kg

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Hit Summary Sheet
SW-846

SDG No.: BN070124

Client:

Sample ID	Client ID	Matrix	Parameter		Concentration	C	MDL	RDL	Units
P2871-21	A4DN7	Solid	Naphthalene		290.000	E	0.37	3.3	ug/Kg
P2871-21	A4DN7	Solid	Phenanthrene		100.000	E	0.51	3.3	ug/Kg
P2871-21	A4DN7	Solid	Pyrene		70.000	E	0.52	3.3	ug/Kg
			Total Svoc :		**2,688.00**				
			Total Concentration:		**2,688.00**				
Client ID :	**A4DN7DL**								
P2871-21DL	A4DN7DL	Solid	Total Alkanes	*	0.000	D	11	67	ug/Kg
			Total Tics :		**0.00**				
P2871-21DL	A4DN7DL	Solid	Acenaphthene		270.000	D	3.9	33	ug/Kg
P2871-21DL	A4DN7DL	Solid	Acenaphthylene		100.000	D	4.7	33	ug/Kg
P2871-21DL	A4DN7DL	Solid	Anthracene		480.000	D	5.2	33	ug/Kg
P2871-21DL	A4DN7DL	Solid	Benzo(a)anthracene		130.000	D	4.2	33	ug/Kg
P2871-21DL	A4DN7DL	Solid	Benzo(a)pyrene		46.000	D	3.6	33	ug/Kg
P2871-21DL	A4DN7DL	Solid	Benzo(b)fluoranthene		85.000	D	2.1	33	ug/Kg
P2871-21DL	A4DN7DL	Solid	Benzo(g,h,i)perylene		140.000	D	9.7	33	ug/Kg
P2871-21DL	A4DN7DL	Solid	Benzo(k)fluoranthene		110.000	D	3.9	33	ug/Kg
P2871-21DL	A4DN7DL	Solid	Chrysene		53.000	D	4.2	33	ug/Kg
P2871-21DL	A4DN7DL	Solid	Dibenzo(a,h)anthracene		170.000	D	8.8	33	ug/Kg
P2871-21DL	A4DN7DL	Solid	Fluoranthene		130.000	D	6.8	33	ug/Kg
P2871-21DL	A4DN7DL	Solid	Fluorene		100.000	D	6.8	33	ug/Kg
P2871-21DL	A4DN7DL	Solid	Indeno(1,2,3-cd)pyrene		180.000	D	8.5	33	ug/Kg
P2871-21DL	A4DN7DL	Solid	Naphthalene		270.000	D	3.7	33	ug/Kg
P2871-21DL	A4DN7DL	Solid	Phenanthrene		91.000	D	5.1	33	ug/Kg
P2871-21DL	A4DN7DL	Solid	Pyrene		60.000	D	5.2	33	ug/Kg
			Total Svoc :		**2,415.00**				
			Total Concentration:		**2,415.00**				
Client ID :	**E1GB1**								
P2898-08	E1GB1	Water	Total Alkanes	*	0.000		0.031	0.2	ug/L
			Total Tics :		**0.00**				
			Total Concentration:		**0.00**				
Client ID :	**A4B58DL**								
P2934-01DL	A4B58DL	Solid	Total Alkanes	*	0.000	D	7.4	45	ug/Kg
			Total Tics :		**0.00**				
P2934-01DL	A4B58DL	Solid	1-Methylnaphthalene		12.000	JD	5.7	22	ug/Kg
P2934-01DL	A4B58DL	Solid	2-Methylnaphthalene		14.000	JD	2.3	22	ug/Kg
P2934-01DL	A4B58DL	Solid	Acenaphthene		50.000	D	2.6	22	ug/Kg
P2934-01DL	A4B58DL	Solid	Acenaphthylene		34.000	D	3.1	22	ug/Kg
P2934-01DL	A4B58DL	Solid	Anthracene		120.000	D	3.5	22	ug/Kg
P2934-01DL	A4B58DL	Solid	Benzo(a)anthracene		340.000	D	2.8	22	ug/Kg

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284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
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Hit Summary Sheet
SW-846

SDG No.: BN070124

Client:

Sample ID	Client ID	Matrix	Parameter		Concentration	C	MDL	RDL	Units
P2934-01DL	A4B58DL	Solid	Benzo(a)pyrene		200.000	D	2.4	22	ug/Kg
P2934-01DL	A4B58DL	Solid	Benzo(b)fluoranthene		330.000	D	1.4	22	ug/Kg
P2934-01DL	A4B58DL	Solid	Benzo(g,h,i)perylene		22.000	D	6.6	22	ug/Kg
P2934-01DL	A4B58DL	Solid	Benzo(k)fluoranthene		130.000	D	2.6	22	ug/Kg
P2934-01DL	A4B58DL	Solid	Chrysene		320.000	D	2.8	22	ug/Kg
P2934-01DL	A4B58DL	Solid	Dibenzo(a,h)anthracene		50.000	D	6	22	ug/Kg
P2934-01DL	A4B58DL	Solid	Fluoranthene		710.000	ED	4.6	22	ug/Kg
P2934-01DL	A4B58DL	Solid	Fluorene		43.000	D	4.6	22	ug/Kg
P2934-01DL	A4B58DL	Solid	Indeno(1,2,3-cd)pyrene		120.000	D	5.8	22	ug/Kg
P2934-01DL	A4B58DL	Solid	Naphthalene		25.000	D	2.5	22	ug/Kg
P2934-01DL	A4B58DL	Solid	Phenanthrene		560.000	ED	3.4	22	ug/Kg
P2934-01DL	A4B58DL	Solid	Pyrene		530.000	ED	3.5	22	ug/Kg
			Total Svoc :		**3,610.00**				
			Total Concentration:		**3,610.00**				
Client ID :	**A4B61DL**								
P2934-03DL	A4B61DL	Solid	Total Alkanes	*	0.000	D	7.3	44	ug/Kg
			Total Tics :		**0.00**				
P2934-03DL	A4B61DL	Solid	Acenaphthylene		7.700	JD	3.1	22	ug/Kg
P2934-03DL	A4B61DL	Solid	Anthracene		11.000	JD	3.4	22	ug/Kg
P2934-03DL	A4B61DL	Solid	Benzo(a)anthracene		43.000	D	2.8	22	ug/Kg
P2934-03DL	A4B61DL	Solid	Benzo(a)pyrene		25.000	D	2.4	22	ug/Kg
P2934-03DL	A4B61DL	Solid	Benzo(b)fluoranthene		47.000	D	1.4	22	ug/Kg
P2934-03DL	A4B61DL	Solid	Benzo(k)fluoranthene		17.000	JD	2.6	22	ug/Kg
P2934-03DL	A4B61DL	Solid	Chrysene		40.000	D	2.8	22	ug/Kg
P2934-03DL	A4B61DL	Solid	Dibenzo(a,h)anthracene		7.000	JD	5.9	22	ug/Kg
P2934-03DL	A4B61DL	Solid	Fluoranthene		83.000	D	4.5	22	ug/Kg
P2934-03DL	A4B61DL	Solid	Indeno(1,2,3-cd)pyrene		17.000	JD	5.7	22	ug/Kg
P2934-03DL	A4B61DL	Solid	Phenanthrene		45.000	D	3.4	22	ug/Kg
P2934-03DL	A4B61DL	Solid	Pyrene		61.000	D	3.4	22	ug/Kg
			Total Svoc :		**403.70**				
			Total Concentration:		**403.70**				
Client ID :	**A4B72**								
P2934-05	A4B72	Solid	Total Alkanes	*	0.000		1.2	7	ug/Kg
			Total Tics :		**0.00**				
P2934-05	A4B72	Solid	1-Methylnaphthalene		5.500		0.89	3.5	ug/Kg
P2934-05	A4B72	Solid	2-Methylnaphthalene		9.300		0.36	3.5	ug/Kg
P2934-05	A4B72	Solid	Acenaphthene		15.000		0.41	3.5	ug/Kg
P2934-05	A4B72	Solid	Acenaphthylene		31.000		0.49	3.5	ug/Kg
P2934-05	A4B72	Solid	Anthracene		41.000		0.55	3.5	ug/Kg
P2934-05	A4B72	Solid	Benzo(a)anthracene		170.000	E	0.44	3.5	ug/Kg

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284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
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Hit Summary Sheet
SW-846

SDG No.: BN070124

Client:

Sample ID	Client ID	Matrix	Parameter		Concentration	C	MDL	RDL	Units
P2934-05	A4B72	Solid	Benzo(a)pyrene		120.000	E	0.38	3.5	ug/Kg
P2934-05	A4B72	Solid	Benzo(b)fluoranthene		190.000	E	0.22	3.5	ug/Kg
P2934-05	A4B72	Solid	Benzo(g,h,i)perylene		14.000		1	3.5	ug/Kg
P2934-05	A4B72	Solid	Benzo(k)fluoranthene		68.000	E	0.41	3.5	ug/Kg
P2934-05	A4B72	Solid	Chrysene		150.000	E	0.44	3.5	ug/Kg
P2934-05	A4B72	Solid	Dibenzo(a,h)anthracene		29.000		0.93	3.5	ug/Kg
P2934-05	A4B72	Solid	Fluoranthene		300.000	E	0.71	3.5	ug/Kg
P2934-05	A4B72	Solid	Fluorene		15.000		0.71	3.5	ug/Kg
P2934-05	A4B72	Solid	Indeno(1,2,3-cd)pyrene		70.000	E	0.9	3.5	ug/Kg
P2934-05	A4B72	Solid	Naphthalene		21.000		0.39	3.5	ug/Kg
P2934-05	A4B72	Solid	Phenanthrene		190.000	E	0.53	3.5	ug/Kg
P2934-05	A4B72	Solid	Pyrene		220.000	E	0.55	3.5	ug/Kg
			Total Svoc :		**1,658.80**				
			Total Concentration:		**1,658.80**				
Client ID :	**A4CP4DL**								
P2934-08DL	A4CP4DL	Solid	Total Alkanes	*	0.000	D	9	55	ug/Kg
			Total Tics :		**0.00**				
P2934-08DL	A4CP4DL	Solid	1-Methylnaphthalene		14.000	JD	6.9	27	ug/Kg
P2934-08DL	A4CP4DL	Solid	2-Methylnaphthalene		16.000	JD	2.8	27	ug/Kg
P2934-08DL	A4CP4DL	Solid	Acenaphthene		78.000	D	3.2	27	ug/Kg
P2934-08DL	A4CP4DL	Solid	Acenaphthylene		62.000	D	3.8	27	ug/Kg
P2934-08DL	A4CP4DL	Solid	Anthracene		240.000	D	4.2	27	ug/Kg
P2934-08DL	A4CP4DL	Solid	Benzo(a)anthracene		1,000.000	ED	3.4	27	ug/Kg
P2934-08DL	A4CP4DL	Solid	Benzo(a)pyrene		640.000	ED	2.9	27	ug/Kg
P2934-08DL	A4CP4DL	Solid	Benzo(b)fluoranthene		1,200.000	ED	1.7	27	ug/Kg
P2934-08DL	A4CP4DL	Solid	Benzo(g,h,i)perylene		77.000	D	8	27	ug/Kg
P2934-08DL	A4CP4DL	Solid	Benzo(k)fluoranthene		460.000	ED	3.2	27	ug/Kg
P2934-08DL	A4CP4DL	Solid	Chrysene		1,100.000	ED	3.4	27	ug/Kg
P2934-08DL	A4CP4DL	Solid	Dibenzo(a,h)anthracene		180.000	D	7.3	27	ug/Kg
P2934-08DL	A4CP4DL	Solid	Fluoranthene		2,400.000	ED	5.6	27	ug/Kg
P2934-08DL	A4CP4DL	Solid	Fluorene		73.000	D	5.6	27	ug/Kg
P2934-08DL	A4CP4DL	Solid	Indeno(1,2,3-cd)pyrene		410.000	D	7	27	ug/Kg
P2934-08DL	A4CP4DL	Solid	Naphthalene		34.000	D	3	27	ug/Kg
P2934-08DL	A4CP4DL	Solid	Phenanthrene		1,300.000	ED	4.2	27	ug/Kg
P2934-08DL	A4CP4DL	Solid	Pyrene		1,600.000	ED	4.2	27	ug/Kg
			Total Svoc :		**10,884.00**				
			Total Concentration:		**10,884.00**				
Client ID :	**A4CP5DL**								
P2934-09DL	A4CP5DL	Solid	Total Alkanes	*	0.000	D	12	71	ug/Kg
			Total Tics :		**0.00**				

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284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
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Hit Summary Sheet
SW-846

SDG No.: BN070124

Client:

Sample ID	Client ID	Matrix	Parameter		Concentration	C	MDL	RDL	Units
P2934-09DL	A4CP5DL	Solid	Acenaphthene		20.000	JD	4.1	35	ug/Kg
P2934-09DL	A4CP5DL	Solid	Acenaphthylene		23.000	JD	5	35	ug/Kg
P2934-09DL	A4CP5DL	Solid	Anthracene		63.000	D	5.5	35	ug/Kg
P2934-09DL	A4CP5DL	Solid	Benzo(a)anthracene		280.000	D	4.4	35	ug/Kg
P2934-09DL	A4CP5DL	Solid	Benzo(a)pyrene		150.000	D	3.8	35	ug/Kg
P2934-09DL	A4CP5DL	Solid	Benzo(b)fluoranthene		280.000	D	2.2	35	ug/Kg
P2934-09DL	A4CP5DL	Solid	Benzo(g,h,i)perylene		18.000	JD	10	35	ug/Kg
P2934-09DL	A4CP5DL	Solid	Benzo(k)fluoranthene		110.000	D	4.1	35	ug/Kg
P2934-09DL	A4CP5DL	Solid	Chrysene		250.000	D	4.4	35	ug/Kg
P2934-09DL	A4CP5DL	Solid	Dibenzo(a,h)anthracene		41.000	D	9.4	35	ug/Kg
P2934-09DL	A4CP5DL	Solid	Fluoranthene		570.000	ED	7.2	35	ug/Kg
P2934-09DL	A4CP5DL	Solid	Fluorene		18.000	JD	7.2	35	ug/Kg
P2934-09DL	A4CP5DL	Solid	Indeno(1,2,3-cd)pyrene		97.000	D	9.1	35	ug/Kg
P2934-09DL	A4CP5DL	Solid	Naphthalene		12.000	JD	3.9	35	ug/Kg
P2934-09DL	A4CP5DL	Solid	Phenanthrene		290.000	D	5.4	35	ug/Kg
P2934-09DL	A4CP5DL	Solid	Pyrene		410.000	D	5.5	35	ug/Kg
			Total Svoc :		**2,632.00**				
			Total Concentration:		**2,632.00**				
Client ID :	**A4CP6DL**								
P2934-10DL	A4CP6DL	Solid	Total Alkanes	*	0.000	D	9.5	58	ug/Kg
			Total Tics :		**0.00**				
P2934-10DL	A4CP6DL	Solid	Acenaphthene		8.600	JD	3.4	28	ug/Kg
P2934-10DL	A4CP6DL	Solid	Anthracene		22.000	JD	4.5	28	ug/Kg
P2934-10DL	A4CP6DL	Solid	Benzo(a)anthracene		74.000	D	3.6	28	ug/Kg
P2934-10DL	A4CP6DL	Solid	Benzo(a)pyrene		62.000	D	3.1	28	ug/Kg
P2934-10DL	A4CP6DL	Solid	Benzo(b)fluoranthene		60.000	D	1.8	28	ug/Kg
P2934-10DL	A4CP6DL	Solid	Benzo(g,h,i)perylene		36.000	D	8.4	28	ug/Kg
P2934-10DL	A4CP6DL	Solid	Benzo(k)fluoranthene		24.000	JD	3.4	28	ug/Kg
P2934-10DL	A4CP6DL	Solid	Chrysene		57.000	D	3.6	28	ug/Kg
P2934-10DL	A4CP6DL	Solid	Dibenzo(a,h)anthracene		9.500	JD	7.7	28	ug/Kg
P2934-10DL	A4CP6DL	Solid	Fluoranthene		130.000	D	5.9	28	ug/Kg
P2934-10DL	A4CP6DL	Solid	Fluorene		7.200	JD	5.9	28	ug/Kg
P2934-10DL	A4CP6DL	Solid	Indeno(1,2,3-cd)pyrene		28.000	D	7.4	28	ug/Kg
P2934-10DL	A4CP6DL	Solid	Phenanthrene		81.000	D	4.4	28	ug/Kg
P2934-10DL	A4CP6DL	Solid	Pyrene		120.000	D	4.5	28	ug/Kg
			Total Svoc :		**719.30**				
			Total Concentration:		**719.30**				
Client ID :	**A4CP7DL**								
P2934-11DL	A4CP7DL	Solid	Total Alkanes	*	0.000	D	15	93	ug/Kg
			Total Tics :		**0.00**				

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284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
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Hit Summary Sheet
SW-846

SDG No.: BN070124

Client:

Sample ID	Client ID	Matrix	Parameter		Concentration	C	MDL	RDL	Units
P2934-11DL	A4CP7DL	Solid	Acenaphthene		17.000	JD	5.4	46	ug/Kg
P2934-11DL	A4CP7DL	Solid	Acenaphthylene		14.000	JD	6.5	46	ug/Kg
P2934-11DL	A4CP7DL	Solid	Anthracene		59.000	D	7.2	46	ug/Kg
P2934-11DL	A4CP7DL	Solid	Benzo(a)anthracene		280.000	D	5.8	46	ug/Kg
P2934-11DL	A4CP7DL	Solid	Benzo(a)pyrene		150.000	D	5	46	ug/Kg
P2934-11DL	A4CP7DL	Solid	Benzo(b)fluoranthene		310.000	D	2.9	46	ug/Kg
P2934-11DL	A4CP7DL	Solid	Benzo(g,h,i)perylene		19.000	JD	14	46	ug/Kg
P2934-11DL	A4CP7DL	Solid	Benzo(k)fluoranthene		130.000	D	5.4	46	ug/Kg
P2934-11DL	A4CP7DL	Solid	Chrysene		260.000	D	5.8	46	ug/Kg
P2934-11DL	A4CP7DL	Solid	Dibenzo(a,h)anthracene		43.000	JD	12	46	ug/Kg
P2934-11DL	A4CP7DL	Solid	Fluoranthene		710.000	D	9.5	46	ug/Kg
P2934-11DL	A4CP7DL	Solid	Fluorene		18.000	JD	9.5	46	ug/Kg
P2934-11DL	A4CP7DL	Solid	Indeno(1,2,3-cd)pyrene		100.000	D	12	46	ug/Kg
P2934-11DL	A4CP7DL	Solid	Phenanthrene		290.000	D	7.1	46	ug/Kg
P2934-11DL	A4CP7DL	Solid	Pyrene		450.000	D	7.2	46	ug/Kg
			Total Svoc :		**2,850.00**				
			Total Concentration:		**2,850.00**				
Client ID :	**A4CP8DL**								
P2934-12DL	A4CP8DL	Solid	Total Alkanes	*	0.000	D	11	68	ug/Kg
			Total Tics :		**0.00**				
P2934-12DL	A4CP8DL	Solid	Acenaphthene		25.000	JD	3.9	33	ug/Kg
P2934-12DL	A4CP8DL	Solid	Acenaphthylene		14.000	JD	4.7	33	ug/Kg
P2934-12DL	A4CP8DL	Solid	Anthracene		110.000	D	5.2	33	ug/Kg
P2934-12DL	A4CP8DL	Solid	Benzo(a)anthracene		300.000	D	4.2	33	ug/Kg
P2934-12DL	A4CP8DL	Solid	Benzo(a)pyrene		130.000	D	3.6	33	ug/Kg
P2934-12DL	A4CP8DL	Solid	Benzo(b)fluoranthene		240.000	D	2.1	33	ug/Kg
P2934-12DL	A4CP8DL	Solid	Benzo(g,h,i)perylene		13.000	JD	9.9	33	ug/Kg
P2934-12DL	A4CP8DL	Solid	Benzo(k)fluoranthene		90.000	D	3.9	33	ug/Kg
P2934-12DL	A4CP8DL	Solid	Chrysene		240.000	D	4.2	33	ug/Kg
P2934-12DL	A4CP8DL	Solid	Dibenzo(a,h)anthracene		34.000	D	9	33	ug/Kg
P2934-12DL	A4CP8DL	Solid	Fluoranthene		610.000	ED	6.9	33	ug/Kg
P2934-12DL	A4CP8DL	Solid	Fluorene		27.000	JD	6.9	33	ug/Kg
P2934-12DL	A4CP8DL	Solid	Indeno(1,2,3-cd)pyrene		70.000	D	8.7	33	ug/Kg
P2934-12DL	A4CP8DL	Solid	Naphthalene		7.100	JD	3.7	33	ug/Kg
P2934-12DL	A4CP8DL	Solid	Phenanthrene		410.000	D	5.1	33	ug/Kg
P2934-12DL	A4CP8DL	Solid	Pyrene		400.000	D	5.2	33	ug/Kg
			Total Svoc :		**2,720.10**				
			Total Concentration:		**2,720.10**				
Client ID :	**A4CP9DL**								

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284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
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Hit Summary Sheet
SW-846

SDG No.: BN070124

Client:

Sample ID	Client ID	Matrix	Parameter		Concentration	C	MDL	RDL	Units
P2934-13DL	A4CP9DL	Solid	Total Alkanes	*	0.000	D	8.3	51	ug/Kg
			Total Tics :		**0.00**				
P2934-13DL	A4CP9DL	Solid	1-Methylnaphthalene		19.000	JD	6.4	25	ug/Kg
P2934-13DL	A4CP9DL	Solid	2-Methylnaphthalene		25.000	D	2.6	25	ug/Kg
P2934-13DL	A4CP9DL	Solid	Acenaphthene		110.000	D	3	25	ug/Kg
P2934-13DL	A4CP9DL	Solid	Acenaphthylene		22.000	JD	3.6	25	ug/Kg
P2934-13DL	A4CP9DL	Solid	Anthracene		160.000	D	3.9	25	ug/Kg
P2934-13DL	A4CP9DL	Solid	Benzo(a)anthracene		450.000	ED	3.2	25	ug/Kg
P2934-13DL	A4CP9DL	Solid	Benzo(a)pyrene		220.000	D	2.7	25	ug/Kg
P2934-13DL	A4CP9DL	Solid	Benzo(b)fluoranthene		440.000	ED	1.6	25	ug/Kg
P2934-13DL	A4CP9DL	Solid	Benzo(g,h,i)perylene		23.000	JD	7.4	25	ug/Kg
P2934-13DL	A4CP9DL	Solid	Benzo(k)fluoranthene		150.000	D	3	25	ug/Kg
P2934-13DL	A4CP9DL	Solid	Chrysene		440.000	ED	3.2	25	ug/Kg
P2934-13DL	A4CP9DL	Solid	Dibenzo(a,h)anthracene		57.000	D	6.7	25	ug/Kg
P2934-13DL	A4CP9DL	Solid	Fluoranthene		1,200.000	ED	5.2	25	ug/Kg
P2934-13DL	A4CP9DL	Solid	Fluorene		77.000	D	5.2	25	ug/Kg
P2934-13DL	A4CP9DL	Solid	Indeno(1,2,3-cd)pyrene		120.000	D	6.5	25	ug/Kg
P2934-13DL	A4CP9DL	Solid	Naphthalene		56.000	D	2.8	25	ug/Kg
P2934-13DL	A4CP9DL	Solid	Phenanthrene		1,000.000	ED	3.9	25	ug/Kg
P2934-13DL	A4CP9DL	Solid	Pyrene		780.000	ED	3.9	25	ug/Kg
			Total Svoc :		**5,349.00**				
			Total Concentration:		**5,349.00**				
Client ID :	**A4CQ0DL**								
P2934-14DL	A4CQ0DL	Solid	Total Alkanes	*	0.000	D	8.6	52	ug/Kg
			Total Tics :		**0.00**				
P2934-14DL	A4CQ0DL	Solid	1-Methylnaphthalene		44.000	D	6.6	26	ug/Kg
P2934-14DL	A4CQ0DL	Solid	2-Methylnaphthalene		88.000	D	2.7	26	ug/Kg
P2934-14DL	A4CQ0DL	Solid	Acenaphthene		73.000	D	3	26	ug/Kg
P2934-14DL	A4CQ0DL	Solid	Acenaphthylene		260.000	D	3.7	26	ug/Kg
P2934-14DL	A4CQ0DL	Solid	Anthracene		390.000	D	4.1	26	ug/Kg
P2934-14DL	A4CQ0DL	Solid	Benzo(a)anthracene		1,300.000	ED	3.3	26	ug/Kg
P2934-14DL	A4CQ0DL	Solid	Benzo(a)pyrene		790.000	ED	2.8	26	ug/Kg
P2934-14DL	A4CQ0DL	Solid	Benzo(b)fluoranthene		1,500.000	ED	1.6	26	ug/Kg
P2934-14DL	A4CQ0DL	Solid	Benzo(g,h,i)perylene		110.000	D	7.6	26	ug/Kg
P2934-14DL	A4CQ0DL	Solid	Benzo(k)fluoranthene		540.000	ED	3	26	ug/Kg
P2934-14DL	A4CQ0DL	Solid	Chrysene		1,400.000	ED	3.3	26	ug/Kg
P2934-14DL	A4CQ0DL	Solid	Dibenzo(a,h)anthracene		280.000	D	6.9	26	ug/Kg
P2934-14DL	A4CQ0DL	Solid	Fluoranthene		2,400.000	ED	5.3	26	ug/Kg
P2934-14DL	A4CQ0DL	Solid	Fluorene		79.000	D	5.3	26	ug/Kg
P2934-14DL	A4CQ0DL	Solid	Indeno(1,2,3-cd)pyrene		610.000	ED	6.7	26	ug/Kg

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284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
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Hit Summary Sheet
SW-846

SDG No.: BN070124

Client:

Sample ID	Client ID	Matrix	Parameter		Concentration	C	MDL	RDL	Units
P2934-14DL	A4CQ0DL	Solid	Naphthalene		170.000	D	2.9	26	ug/Kg
P2934-14DL	A4CQ0DL	Solid	Phenanthrene		1,300.000	ED	4	26	ug/Kg
P2934-14DL	A4CQ0DL	Solid	Pyrene		1,800.000	ED	4.1	26	ug/Kg
			Total Svoc :		**13,134.00**				
			Total Concentration:		**13,134.00**				
Client ID :	**A4CQ2DL**								
P2934-16DL	A4CQ2DL	Solid	Total Alkanes	*	0.000	D	7.7	47	ug/Kg
			Total Tics :		**0.00**				
P2934-16DL	A4CQ2DL	Solid	2-Methylnaphthalene		5.900	JD	2.4	23	ug/Kg
P2934-16DL	A4CQ2DL	Solid	Acenaphthylene		25.000	D	3.3	23	ug/Kg
P2934-16DL	A4CQ2DL	Solid	Anthracene		29.000	D	3.7	23	ug/Kg
P2934-16DL	A4CQ2DL	Solid	Benzo(a)anthracene		76.000	D	3	23	ug/Kg
P2934-16DL	A4CQ2DL	Solid	Benzo(a)pyrene		84.000	D	2.5	23	ug/Kg
P2934-16DL	A4CQ2DL	Solid	Benzo(b)fluoranthene		85.000	D	1.5	23	ug/Kg
P2934-16DL	A4CQ2DL	Solid	Benzo(g,h,i)perylene		59.000	D	6.9	23	ug/Kg
P2934-16DL	A4CQ2DL	Solid	Benzo(k)fluoranthene		30.000	D	2.7	23	ug/Kg
P2934-16DL	A4CQ2DL	Solid	Chrysene		76.000	D	3	23	ug/Kg
P2934-16DL	A4CQ2DL	Solid	Dibenzo(a,h)anthracene		15.000	JD	6.3	23	ug/Kg
P2934-16DL	A4CQ2DL	Solid	Fluoranthene		130.000	D	4.8	23	ug/Kg
P2934-16DL	A4CQ2DL	Solid	Fluorene		6.600	JD	4.8	23	ug/Kg
P2934-16DL	A4CQ2DL	Solid	Indeno(1,2,3-cd)pyrene		45.000	D	6	23	ug/Kg
P2934-16DL	A4CQ2DL	Solid	Naphthalene		12.000	JD	2.6	23	ug/Kg
P2934-16DL	A4CQ2DL	Solid	Phenanthrene		83.000	D	3.6	23	ug/Kg
P2934-16DL	A4CQ2DL	Solid	Pyrene		120.000	D	3.7	23	ug/Kg
			Total Svoc :		**881.50**				
			Total Concentration:		**881.50**				
Client ID :	**A4CQ3DL**								
P2934-17DL	A4CQ3DL	Solid	Total Alkanes	*	0.000	D	11	67	ug/Kg
			Total Tics :		**0.00**				
P2934-17DL	A4CQ3DL	Solid	2-Methylnaphthalene		8.300	JD	3.4	33	ug/Kg
P2934-17DL	A4CQ3DL	Solid	Acenaphthene		33.000	D	3.9	33	ug/Kg
P2934-17DL	A4CQ3DL	Solid	Acenaphthylene		24.000	JD	4.7	33	ug/Kg
P2934-17DL	A4CQ3DL	Solid	Anthracene		90.000	D	5.2	33	ug/Kg
P2934-17DL	A4CQ3DL	Solid	Benzo(a)anthracene		260.000	D	4.2	33	ug/Kg
P2934-17DL	A4CQ3DL	Solid	Benzo(a)pyrene		240.000	D	3.6	33	ug/Kg
P2934-17DL	A4CQ3DL	Solid	Benzo(b)fluoranthene		240.000	D	2.1	33	ug/Kg
P2934-17DL	A4CQ3DL	Solid	Benzo(g,h,i)perylene		130.000	D	9.8	33	ug/Kg
P2934-17DL	A4CQ3DL	Solid	Benzo(k)fluoranthene		77.000	D	3.9	33	ug/Kg
P2934-17DL	A4CQ3DL	Solid	Chrysene		230.000	D	4.2	33	ug/Kg
P2934-17DL	A4CQ3DL	Solid	Dibenzo(a,h)anthracene		34.000	D	8.9	33	ug/Kg

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284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
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Hit Summary Sheet
SW-846

SDG No.: BN070124

Client:

Sample ID	Client ID	Matrix	Parameter		Concentration	C	MDL	RDL	Units
P2934-17DL	A4CQ3DL	Solid	Fluoranthene		490.000	D	6.8	33	ug/Kg
P2934-17DL	A4CQ3DL	Solid	Fluorene		28.000	JD	6.8	33	ug/Kg
P2934-17DL	A4CQ3DL	Solid	Indeno(1,2,3-cd)pyrene		110.000	D	8.6	33	ug/Kg
P2934-17DL	A4CQ3DL	Solid	Naphthalene		12.000	JD	3.7	33	ug/Kg
P2934-17DL	A4CQ3DL	Solid	Phenanthrene		400.000	D	5.1	33	ug/Kg
P2934-17DL	A4CQ3DL	Solid	Pyrene		470.000	D	5.2	33	ug/Kg
			Total Svoc :		**2,876.30**				
			Total Concentration:		**2,876.30**				
Client ID :	**A4B56DL**								
P2934-20DL	A4B56DL	Solid	Total Alkanes	*	0.000	D	8.6	53	ug/Kg
			Total Tics :		**0.00**				
P2934-20DL	A4B56DL	Solid	Acenaphthylene		7.100	JD	3.7	26	ug/Kg
P2934-20DL	A4B56DL	Solid	Anthracene		17.000	JD	4.1	26	ug/Kg
P2934-20DL	A4B56DL	Solid	Benzo(a)anthracene		43.000	D	3.3	26	ug/Kg
P2934-20DL	A4B56DL	Solid	Benzo(a)pyrene		43.000	D	2.8	26	ug/Kg
P2934-20DL	A4B56DL	Solid	Benzo(b)fluoranthene		40.000	D	1.6	26	ug/Kg
P2934-20DL	A4B56DL	Solid	Benzo(g,h,i)perylene		25.000	JD	7.7	26	ug/Kg
P2934-20DL	A4B56DL	Solid	Benzo(k)fluoranthene		17.000	JD	3.1	26	ug/Kg
P2934-20DL	A4B56DL	Solid	Chrysene		36.000	D	3.3	26	ug/Kg
P2934-20DL	A4B56DL	Solid	Fluoranthene		82.000	D	5.3	26	ug/Kg
P2934-20DL	A4B56DL	Solid	Indeno(1,2,3-cd)pyrene		20.000	JD	6.7	26	ug/Kg
P2934-20DL	A4B56DL	Solid	Phenanthrene		59.000	D	4	26	ug/Kg
P2934-20DL	A4B56DL	Solid	Pyrene		76.000	D	4.1	26	ug/Kg
			Total Svoc :		**465.10**				
			Total Concentration:		**465.10**				
Client ID :	**A4B73DL**								
P2934-22DL	A4B73DL	Solid	Total Alkanes	*	0.000	D	14	82	ug/Kg
			Total Tics :		**0.00**				
P2934-22DL	A4B73DL	Solid	Acenaphthene		15.000	JD	4.8	41	ug/Kg
P2934-22DL	A4B73DL	Solid	Acenaphthylene		26.000	JD	5.8	41	ug/Kg
P2934-22DL	A4B73DL	Solid	Anthracene		56.000	D	6.4	41	ug/Kg
P2934-22DL	A4B73DL	Solid	Benzo(a)anthracene		190.000	D	5.2	41	ug/Kg
P2934-22DL	A4B73DL	Solid	Benzo(a)pyrene		110.000	D	4.4	41	ug/Kg
P2934-22DL	A4B73DL	Solid	Benzo(b)fluoranthene		240.000	D	2.6	41	ug/Kg
P2934-22DL	A4B73DL	Solid	Benzo(g,h,i)perylene		15.000	JD	12	41	ug/Kg
P2934-22DL	A4B73DL	Solid	Benzo(k)fluoranthene		94.000	D	4.8	41	ug/Kg
P2934-22DL	A4B73DL	Solid	Chrysene		230.000	D	5.2	41	ug/Kg
P2934-22DL	A4B73DL	Solid	Dibenzo(a,h)anthracene		34.000	JD	11	41	ug/Kg
P2934-22DL	A4B73DL	Solid	Fluoranthene		530.000	D	8.4	41	ug/Kg
P2934-22DL	A4B73DL	Solid	Fluorene		16.000	JD	8.4	41	ug/Kg

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284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
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Hit Summary Sheet
SW-846

SDG No.: BN070124

Client:

Sample ID	Client ID	Matrix	Parameter		Concentration	C	MDL	RDL	Units
P2934-22DL	A4B73DL	Solid	Indeno(1,2,3-cd)pyrene		76.000	D	11	41	ug/Kg
P2934-22DL	A4B73DL	Solid	Naphthalene		12.000	JD	4.5	41	ug/Kg
P2934-22DL	A4B73DL	Solid	Phenanthrene		280.000	D	6.3	41	ug/Kg
P2934-22DL	A4B73DL	Solid	Pyrene		330.000	D	6.4	41	ug/Kg
			Total Svoc :		**2,254.00**				
			Total Concentration:		**2,254.00**				
Client ID :	**A4DN5**								
P2934-25	A4DN5	Solid	Total Alkanes	*	0.000		1.1	6.7	ug/Kg
			Total Tics :		**0.00**				
P2934-25	A4DN5	Solid	Acenaphthene		480.000	E	0.39	3.3	ug/Kg
P2934-25	A4DN5	Solid	Acenaphthylene		620.000	E	0.47	3.3	ug/Kg
P2934-25	A4DN5	Solid	Anthracene		220.000	E	0.52	3.3	ug/Kg
P2934-25	A4DN5	Solid	Benzo(a)anthracene		110.000	E	0.42	3.3	ug/Kg
P2934-25	A4DN5	Solid	Benzo(a)pyrene		260.000	E	0.36	3.3	ug/Kg
P2934-25	A4DN5	Solid	Benzo(b)fluoranthene		170.000	E	0.21	3.3	ug/Kg
P2934-25	A4DN5	Solid	Benzo(g,h,i)perylene		180.000	E	0.98	3.3	ug/Kg
P2934-25	A4DN5	Solid	Benzo(k)fluoranthene		140.000	E	0.39	3.3	ug/Kg
P2934-25	A4DN5	Solid	Chrysene		180.000	E	0.42	3.3	ug/Kg
P2934-25	A4DN5	Solid	Dibenzo(a,h)anthracene		180.000	E	0.89	3.3	ug/Kg
P2934-25	A4DN5	Solid	Fluoranthene		300.000	E	0.68	3.3	ug/Kg
P2934-25	A4DN5	Solid	Fluorene		240.000	E	0.68	3.3	ug/Kg
P2934-25	A4DN5	Solid	Indeno(1,2,3-cd)pyrene		210.000	E	0.86	3.3	ug/Kg
P2934-25	A4DN5	Solid	Naphthalene		590.000	E	0.37	3.3	ug/Kg
P2934-25	A4DN5	Solid	Phenanthrene		270.000	E	0.51	3.3	ug/Kg
P2934-25	A4DN5	Solid	Pyrene		350.000	E	0.52	3.3	ug/Kg
			Total Svoc :		**4,500.00**				
			Total Concentration:		**4,500.00**				
Client ID :	**A4DN5DL**								
P2934-25DL	A4DN5DL	Solid	Total Alkanes	*	0.000	D	11	67	ug/Kg
			Total Tics :		**0.00**				
P2934-25DL	A4DN5DL	Solid	Acenaphthene		510.000	D	3.9	33	ug/Kg
P2934-25DL	A4DN5DL	Solid	Acenaphthylene		610.000	ED	4.7	33	ug/Kg
P2934-25DL	A4DN5DL	Solid	Anthracene		210.000	D	5.2	33	ug/Kg
P2934-25DL	A4DN5DL	Solid	Benzo(a)anthracene		110.000	D	4.2	33	ug/Kg
P2934-25DL	A4DN5DL	Solid	Benzo(a)pyrene		270.000	D	3.6	33	ug/Kg
P2934-25DL	A4DN5DL	Solid	Benzo(b)fluoranthene		170.000	D	2.1	33	ug/Kg
P2934-25DL	A4DN5DL	Solid	Benzo(g,h,i)perylene		190.000	D	9.8	33	ug/Kg
P2934-25DL	A4DN5DL	Solid	Benzo(k)fluoranthene		150.000	D	3.9	33	ug/Kg
P2934-25DL	A4DN5DL	Solid	Chrysene		190.000	D	4.2	33	ug/Kg
P2934-25DL	A4DN5DL	Solid	Dibenzo(a,h)anthracene		190.000	D	8.9	33	ug/Kg

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284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
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Hit Summary Sheet
SW-846

SDG No.: BN070124

Client:

Sample ID	Client ID	Matrix	Parameter		Concentration	C	MDL	RDL	Units
P2934-25DL	A4DN5DL	Solid	Fluoranthene		330.000	D	6.8	33	ug/Kg
P2934-25DL	A4DN5DL	Solid	Fluorene		240.000	D	6.8	33	ug/Kg
P2934-25DL	A4DN5DL	Solid	Indeno(1,2,3-cd)pyrene		220.000	D	8.6	33	ug/Kg
P2934-25DL	A4DN5DL	Solid	Naphthalene		620.000	ED	3.7	33	ug/Kg
P2934-25DL	A4DN5DL	Solid	Phenanthrene		280.000	D	5.1	33	ug/Kg
P2934-25DL	A4DN5DL	Solid	Pyrene		380.000	D	5.2	33	ug/Kg
			Total Svoc :		**4,670.00**				
			Total Concentration:		**4,670.00**				
Client ID :	**A4DN5DL2**								
P2934-25DL2	A4DN5DL2	Solid	Total Alkanes	*	0.000	D	22	130	ug/Kg
			Total Tics :		**0.00**				
P2934-25DL2	A4DN5DL2	Solid	Acenaphthene		500.000	D	7.8	66	ug/Kg
P2934-25DL2	A4DN5DL2	Solid	Acenaphthylene		570.000	D	9.4	66	ug/Kg
P2934-25DL2	A4DN5DL2	Solid	Anthracene		190.000	D	10	66	ug/Kg
P2934-25DL2	A4DN5DL2	Solid	Benzo(a)anthracene		92.000	D	8.4	66	ug/Kg
P2934-25DL2	A4DN5DL2	Solid	Benzo(a)pyrene		240.000	D	7.2	66	ug/Kg
P2934-25DL2	A4DN5DL2	Solid	Benzo(b)fluoranthene		150.000	D	4.2	66	ug/Kg
P2934-25DL2	A4DN5DL2	Solid	Benzo(g,h,i)perylene		170.000	D	20	66	ug/Kg
P2934-25DL2	A4DN5DL2	Solid	Benzo(k)fluoranthene		140.000	D	7.8	66	ug/Kg
P2934-25DL2	A4DN5DL2	Solid	Chrysene		170.000	D	8.4	66	ug/Kg
P2934-25DL2	A4DN5DL2	Solid	Dibenzo(a,h)anthracene		170.000	D	18	66	ug/Kg
P2934-25DL2	A4DN5DL2	Solid	Fluoranthene		270.000	D	14	66	ug/Kg
P2934-25DL2	A4DN5DL2	Solid	Fluorene		230.000	D	14	66	ug/Kg
P2934-25DL2	A4DN5DL2	Solid	Indeno(1,2,3-cd)pyrene		200.000	D	17	66	ug/Kg
P2934-25DL2	A4DN5DL2	Solid	Naphthalene		600.000	D	7.4	66	ug/Kg
P2934-25DL2	A4DN5DL2	Solid	Phenanthrene		260.000	D	10	66	ug/Kg
P2934-25DL2	A4DN5DL2	Solid	Pyrene		320.000	D	10	66	ug/Kg
			Total Svoc :		**4,272.00**				
			Total Concentration:		**4,272.00**				

CHEMTECH

6C

SEMIVOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name: CHEMTECH Contract:

Lab Code: CHEM Case No.: BN062724 SAS No.: BN062724 SDG No.: BN062724

Instrument ID: Calibration Date(s): 6/27/2024

Calibration Time(s): 09:53

LAB FILE ID: RRFAL1 = BN032273.D RRFAL2 = BN032274.D RRFAL3 = BN032275.D
RRFAL4 = BN032276.D RRFAL5 = BN032277.D RRFAL6 = BN032278.D

COMPOUND	RRFAL1	RRFAL2	RRFAL3	RRFAL4	RRFAL5	RRFAL6	RRF	% RSD
1,4-Dioxane		0.567	0.488	0.513	0.482	0.480	0.506	7.3
1,4-Dioxane-d8		0.460	0.430	0.461	0.437	0.434	0.445	3.4
Naphthalene	1.110	1.057	0.980	1.098	1.048		1.059	4.8
1-Methylnaphthalene	0.740	0.709	0.673	0.766	0.750		0.728	5.1
2-Methylnaphthalene	0.704	0.690	0.647	0.743	0.723		0.702	5.2
Acenaphthylene	1.686	1.655	1.502	1.755	1.721		1.664	5.9
Acenaphthene	1.354	1.301	1.172	1.348	1.280		1.291	5.7
Fluorene	1.568	1.543	1.397	1.625	1.559		1.539	5.5
Pentachlorophenol		0.081	0.075	0.091	0.094	0.111	0.091	15.1
Phenanthrene	1.106	1.089	0.989	1.165	1.134		1.097	6.1
Anthracene	0.974	0.963	0.869	1.044	1.041		0.978	7.3
Fluoranthene	1.548	1.540	1.407	1.580	1.541		1.523	4.4
Pyrene	1.650	1.625	1.466	1.637	1.581		1.592	4.7
Benzo(a)anthracene	1.541	1.440	1.270	1.502	1.467		1.444	7.2
Chrysene	1.813	1.622	1.403	1.595	1.491		1.585	9.7
Benzo(b)fluoranthene	2.344	1.791	1.436	1.621	1.497		1.738	21.0
Benzo(k)fluoranthene	2.172	1.781	1.423	1.559	1.507		1.689	17.8
Benzo(a)pyrene	1.336	1.217	1.065	1.240	1.188		1.209	8.1
Indeno(1,2,3-cd)pyrene	2.589	2.035	1.589	1.699	1.554		1.893	22.9
Dibenzo(a,h)anthracene	1.871	1.506	1.195	1.278	1.183		1.407	20.6
Benzo(g,h,i)perylene	2.074	1.625	1.263	1.356	1.222		1.508	23.4
Fluoranthene-d10	1.229	1.231	1.109	1.245	1.204		1.204	4.6
2-Methylnaphthalene-d10	0.607	0.594	0.552	0.633	0.613		0.600	5.0

All other compounds must meet a minimum RRF of 0.010.

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8B

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BN070124 SAS No.: BN070124 SDG NO.: BN070124

EPA Sample No.: SSTD0.4232 Date Analyzed: Jul 1 2024 12:00AM

Lab File ID: BN032275.D Time Analyzed: 11:35

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

		IS1 (DCB) AREA #	RT #	IS2 (NPT) AREA #	RT #	IS3 (ANT) AREA #	RT #
	12 HOUR STD	7662	7.62	23860	10.40	15976	14.27
	UPPER LIMIT	15324	8.12	47720	10.898	31952	14.767
	LOWER LIMIT	3831	7.12	11930	9.898	7988	13.767
	EPA SAMPLE NO.						
01	SBLK603	9458	7.61	31071	10.39	17919	14.26
02	A4DN5	6755	7.61	20807	10.39	11020	14.26
03	A4DN7	6035	7.61	19373	10.39	10650	14.25
04	A4DN5DL	6898	7.61	23345	10.39	13498	14.26
05	A4DN7DL	6453	7.61	19424	10.39	10613	14.26
06	A4DN5DL2	6605	7.61	20639	10.39	11381	14.26
07	E1GB1	8452	7.61	25999	10.39	13989	14.26
08	A4B56DL	7515	7.61	21546	10.39	11831	14.26
09	A4B73DL	7476	7.61	21127	10.39	11225	14.26
10	SBLK603	8653	7.61	27698	10.38	14908	14.25
11	A4B72	7992	7.61	22769	10.38	11621	14.25
12	A4B72MS	6090	7.61	19159	10.39	10710	14.26
13	A4B72MSD	6797	7.61	19667	10.39	10078	14.26
14	A4CP6DL	7901	7.61	23565	10.39	12234	14.26
15	A4CP7DL	7977	7.61	25898	10.39	15392	14.26
16	A4CP8DL	8262	7.61	24345	10.39	12507	14.25
17	A4CQ0DL	8710	7.61	26773	10.38	14878	14.25
18	A4B61DL	7162	7.61	20257	10.39	11181	14.26
19	A4CP4DL	8191	7.61	24154	10.38	12847	14.25
20	A4CP9DL	8225	7.61	23644	10.39	12238	14.26
21	A4CQ2DL	8359	7.61	23926	10.39	12232	14.25
22	A4B58DL	8139	7.61	23525	10.38	12062	14.25
23	A4CP5DL	8480	7.61	26095	10.38	14126	14.25

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8B

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BN070124 SAS No.: BN070124 SDG NO.: BN070124

EPA Sample No.: SSTD0.4232 Date Analyzed: Jul 2 2024 12:00AM

Lab File ID: BN032275.D Time Analyzed: 02:45

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

		IS1 (DCB) AREA #	RT #	IS2 (NPT) AREA #	RT #	IS3 (ANT) AREA #	RT #
	12 HOUR STD	7662	7.62	23860	10.40	15976	14.27
	UPPER LIMIT	15324	8.12	47720	10.898	31952	14.767
	LOWER LIMIT	3831	7.12	11930	9.898	7988	13.767
	EPA SAMPLE NO.						
24	A4CQ3DL	7763	7.61	21669	10.38	11081	14.25
25	SBLK603	9237	7.61	26954	10.38	14400	14.25
26	A4CN6	8088	7.61	25894	10.38	14738	14.25
27	A4CN3	8795	7.61	26633	10.38	13879	14.25
28	A4CJ2	8113	7.61	25985	10.38	14534	14.25
29	A4C52	7771	7.61	24650	10.38	14450	14.25
30	A4CN7	10136	7.60	32303	10.38	18901	14.25
31	A4C53	8981	7.61	28709	10.38	16538	14.25
32	A4CN4	8819	7.60	28699	10.38	16813	14.25

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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8B

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BN070124 SAS No.: BN070124 SDG NO.: BN070124

EPA Sample No.: SSTD0.4387 Date Analyzed: Jul 1 2024 12:00AM

Lab File ID: BN032356.D Time Analyzed: 11:35

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

		IS1 (DCB) AREA #	RT #	IS2 (NPT) AREA #	RT #	IS3 (ANT) AREA #	RT #
	12 HOUR STD	6794	7.612	22741	10.39	13372	14.26
	UPPER LIMIT	13588	8.112	45482	10.886	26744	14.756
	LOWER LIMIT	3397	7.112	11370.5	9.886	6686	13.756
	EPA SAMPLE NO.						
01	SBLK603	9458	7.61	31071	10.39	17919	14.26
02	A4DN5	6755	7.61	20807	10.39	11020	14.26
03	A4DN7	6035	7.61	19373	10.39	10650	14.25
04	A4DN5DL	6898	7.61	23345	10.39	13498	14.26
05	A4DN7DL	6453	7.61	19424	10.39	10613	14.26
06	A4DN5DL2	6605	7.61	20639	10.39	11381	14.26
07	E1GB1	8452	7.61	25999	10.39	13989	14.26
08	A4B56DL	7515	7.61	21546	10.39	11831	14.26
09	A4B73DL	7476	7.61	21127	10.39	11225	14.26

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.: BN070124 SAS No.: BN070124 SDG NO.: BN070124

EPA Sample No.: SSTD0.4388 Date Analyzed: Jul 1 2024 12:00AM

Lab File ID: BN032366.D Time Analyzed: 18:19

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

		IS1 (DCB) AREA #	RT #	IS2 (NPT) AREA #	RT #	IS3 (ANT) AREA #	RT #
	12 HOUR STD	6502	7.612	19312	10.39	10082	14.26
	UPPER LIMIT	13004	8.112	38624	10.887	20164	14.758
	LOWER LIMIT	3251	7.112	9656	9.887	5041	13.758
	EPA SAMPLE NO.						
01	SBLK603	8653	7.61	27698	10.38	14908	14.25
02	A4B72	7992	7.61	22769	10.38	11621	14.25
03	A4B72MS	6090	7.61	19159	10.39	10710	14.26
04	A4B72MSD	6797	7.61	19667	10.39	10078	14.26
05	A4CP6DL	7901	7.61	23565	10.39	12234	14.26
06	A4CP7DL	7977	7.61	25898	10.39	15392	14.26
07	A4CP8DL	8262	7.61	24345	10.39	12507	14.25
08	A4CQ0DL	8710	7.61	26773	10.38	14878	14.25
09	A4B61DL	7162	7.61	20257	10.39	11181	14.26
10	A4CP4DL	8191	7.61	24154	10.38	12847	14.25
11	A4CP9DL	8225	7.61	23644	10.39	12238	14.26
12	A4CQ2DL	8359	7.61	23926	10.39	12232	14.25
13	A4B58DL	8139	7.61	23525	10.38	12062	14.25
14	A4CP5DL	8480	7.61	26095	10.38	14126	14.25
15	A4CQ3DL	7763	7.61	21669	10.38	11081	14.25

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.
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8B

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BN070124 SAS No.: BN070124 SDG NO.: BN070124

EPA Sample No.: SSTD0.4389 Date Analyzed: Jul 2 2024 12:00AM

Lab File ID: BN032382.D Time Analyzed: 04:33

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

		IS1 (DCB) AREA #	RT #	IS2 (NPT) AREA #	RT #	IS3 (ANT) AREA #	RT #
	12 HOUR STD	7044	7.612	20845	10.39	10631	14.25
	UPPER LIMIT	14088	8.112	41690	10.887	21262	14.753
	LOWER LIMIT	3522	7.112	10422.5	9.887	5315.5	13.753
	EPA SAMPLE NO.						
01	SBLK603	9237	7.61	26954	10.38	14400	14.25
02	A4CN6	8088	7.61	25894	10.38	14738	14.25
03	A4CN3	8795	7.61	26633	10.38	13879	14.25
04	A4CJ2	8113	7.61	25985	10.38	14534	14.25
05	A4C52	7771	7.61	24650	10.38	14450	14.25
06	A4CN7	10136	7.60	32303	10.38	18901	14.25
07	A4C53	8981	7.61	28709	10.38	16538	14.25
08	A4CN4	8819	7.60	28699	10.38	16813	14.25

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

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SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BN070124 SAS No.: BN070124 SDG NO.: BN070124

EPA Sample No.: SSTD0.4232 Date Analyzed: Jul 1 2024 12:00AM

Lab File ID: BN032275.D Time Analyzed: 11:35

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

		IS4 (PHN) AREA #	RT #	IS5 (CRY) AREA #	RT #	IS6 (PRY) AREA #	RT #
	12 HOUR STD	37608	17.025	31365	21.226	31845	23.453
	UPPER LIMIT	75216	17.525	62730	21.726	63690	23.953
	LOWER LIMIT	18804	16.525	15682.5	20.726	15922.5	22.953
	EPA SAMPLE NO.						
01	SBLK603	30921	17.01	20835	21.22	22061	23.44
02	A4DN5	19576	17.01	15461 *	21.21	18258	23.43
03	A4DN7	18985	17.01	14623 *	21.22	16927	23.44
04	A4DN5DL	22526	17.01	16006	21.22	19146	23.44
05	A4DN7DL	18742 *	17.02	16259	21.22	19518	23.44
06	A4DN5DL2	19910	17.02	18001	21.22	21853	23.44
07	E1GB1	24174	17.01	18347	21.22	19351	23.43
08	A4B56DL	23508	17.01	21095	21.22	23789	23.43
09	A4B73DL	21521	17.01	19427	21.21	22099	23.43
10	SBLK603	25139	17.01	16488	21.22	16519	23.44
11	A4B72	20561	17.01	16440	21.21	18583	23.43
12	A4B72MS	18775 *	17.01	12827 *	21.21	16852	23.43
13	A4B72MSD	18180 *	17.01	15388 *	21.21	19321	23.43
14	A4CP6DL	20836	17.01	17275	21.22	21355	23.43
15	A4CP7DL	29922	17.01	19399	21.21	21615	23.43
16	A4CP8DL	21540	17.01	17829	21.21	21606	23.43
17	A4CQ0DL	26222	17.01	17979	21.21	22463	23.43
18	A4B61DL	22381	17.01	20788	21.21	25543	23.43
19	A4CP4DL	23291	17.01	18811	21.21	21598	23.43
20	A4CP9DL	22850	17.01	18539	21.21	22550	23.43
21	A4CQ2DL	21621	17.01	18928	21.21	22748	23.43

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8C

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BN070124 SAS No.: BN070124 SDG NO.: BN070124

EPA Sample No.: SSTD0.4232 Date Analyzed: Jul 2 2024 12:00AM

Lab File ID: BN032275.D Time Analyzed: 01:33

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

		IS4 (PHN) AREA #	RT #	IS5 (CRY) AREA #	RT #	IS6 (PRY) AREA #	RT #
	12 HOUR STD	37608	17.025	31365	21.226	31845	23.453
	UPPER LIMIT	75216	17.525	62730	21.726	63690	23.953
	LOWER LIMIT	18804	16.525	15682.5	20.726	15922.5	22.953
	EPA SAMPLE NO.						
22	A4B58DL	22286	17.01	18835	21.21	22213	23.43
23	A4CP5DL	24817	17.01	18782	21.21	22094	23.42
24	A4CQ3DL	20477	17.01	18291	21.21	22602	23.43
25	SBLK603	27907	17.01	23594	21.22	25283	23.43
26	A4CN6	26469	17.01	17668	21.22	18097	23.43
27	A4CN3	23678	17.01	18427	21.21	19821	23.43
28	A4CJ2	25850	17.01	17896	21.21	18240	23.43
29	A4C52	26544	17.01	17305	21.21	17950	23.43
30	A4CN7	32550	17.01	21705	21.21	23647	23.43
31	A4C53	28849	17.01	19614	21.21	21329	23.43
32	A4CN4	30369	17.01	18578	21.21	20844	23.43

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

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SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BN070124 SAS No.: BN070124 SDG NO.: BN070124

EPA Sample No.: SSTD0.4387 Date Analyzed: Jul 1 2024 12:00AM

Lab File ID: BN032356.D Time Analyzed: 11:35

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

		IS4 (PHN) AREA #	RT #	IS5 (CRY) AREA #	RT #	IS6 (PRY) AREA #	RT #
	12 HOUR STD	23690	17.015	16877	21.219	19792	23.437
	UPPER LIMIT	47380	17.515	33754	21.719	39584	23.937
	LOWER LIMIT	11845	16.515	8438.5	20.719	9896	22.937
	EPA SAMPLE NO.						
01	SBLK603	30921	17.01	20835	21.22	22061	23.44
02	A4DN5	19576	17.01	15461	21.21	18258	23.43
03	A4DN7	18985	17.01	14623	21.22	16927	23.44
04	A4DN5DL	22526	17.01	16006	21.22	19146	23.44
05	A4DN7DL	18742	17.02	16259	21.22	19518	23.44
06	A4DN5DL2	19910	17.02	18001	21.22	21853	23.44
07	E1GB1	24174	17.01	18347	21.22	19351	23.43
08	A4B56DL	23508	17.01	21095	21.22	23789	23.43
09	A4B73DL	21521	17.01	19427	21.21	22099	23.43

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.

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8C

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BN070124 SAS No.: BN070124 SDG NO.: BN070124

EPA Sample No.: SSTD0.4388 Date Analyzed: Jul 1 2024 12:00AM

Lab File ID: BN032366.D Time Analyzed: 18:19

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

		IS4 (PHN) AREA #	RT #	IS5 (CRY) AREA #	RT #	IS6 (PRY) AREA #	RT #
	12 HOUR STD	18170	17.016	15564	21.22	18830	23.438
	UPPER LIMIT	36340	17.516	31128	21.72	37660	23.938
	LOWER LIMIT	9085	16.516	7782	20.72	9415	22.938
	EPA SAMPLE NO.						
01	SBLK603	25139	17.01	16488	21.22	16519	23.44
02	A4B72	20561	17.01	16440	21.21	18583	23.43
03	A4B72MS	18775	17.01	12827	21.21	16852	23.43
04	A4B72MSD	18180	17.01	15388	21.21	19321	23.43
05	A4CP6DL	20836	17.01	17275	21.22	21355	23.43
06	A4CP7DL	29922	17.01	19399	21.21	21615	23.43
07	A4CP8DL	21540	17.01	17829	21.21	21606	23.43
08	A4CQ0DL	26222	17.01	17979	21.21	22463	23.43
09	A4B61DL	22381	17.01	20788	21.21	25543	23.43
10	A4CP4DL	23291	17.01	18811	21.21	21598	23.43
11	A4CP9DL	22850	17.01	18539	21.21	22550	23.43
12	A4CQ2DL	21621	17.01	18928	21.21	22748	23.43
13	A4B58DL	22286	17.01	18835	21.21	22213	23.43
14	A4CP5DL	24817	17.01	18782	21.21	22094	23.42
15	A4CQ3DL	20477	17.01	18291	21.21	22602	23.43

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8C

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BN070124 SAS No.: BN070124 SDG NO.: BN070124

EPA Sample No.: SSTD0.4388 Date Analyzed: Jul 2 2024 12:00AM

Lab File ID: BN032366.D Time Analyzed: 02:45

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

	IS4 (PHN) AREA #	RT #	IS5 (CRY) AREA #	RT #	IS6 (PRY) AREA #	RT #
12 HOUR STD	18170	17.016	15564	21.22	18830	23.438
UPPER LIMIT	36340	17.516	31128	21.72	37660	23.938
LOWER LIMIT	9085	16.516	7782	20.72	9415	22.938
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.

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8C

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BN070124 SAS No.: BN070124 SDG NO.: BN070124

EPA Sample No.: SSTD0.4389 Date Analyzed: Jul 2 2024 12:00AM

Lab File ID: BN032382.D Time Analyzed: 04:33

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

		IS4 (PHN) AREA #	RT #	IS5 (CRY) AREA #	RT #	IS6 (PRY) AREA #	RT #
	12 HOUR STD	18884	17.016	16419	21.217	19733	23.43
	UPPER LIMIT	37768	17.516	32838	21.717	39466	23.93
	LOWER LIMIT	9442	16.516	8209.5	20.717	9866.5	22.93
	EPA SAMPLE NO.						
01	SBLK603	27907	17.01	23594	21.22	25283	23.43
02	A4CN6	26469	17.01	17668	21.22	18097	23.43
03	A4CN3	23678	17.01	18427	21.21	19821	23.43
04	A4CJ2	25850	17.01	17896	21.21	18240	23.43
05	A4C52	26544	17.01	17305	21.21	17950	23.43
06	A4CN7	32550	17.01	21705	21.21	23647	23.43
07	A4C53	28849	17.01	19614	21.21	21329	23.43
08	A4CN4	30369	17.01	18578	21.21	20844	23.43

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.

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Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: _____

Client: _____

Analytical Method: **DataFile:**

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	RPD Qual	Limits Low	Limits High	RPD

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4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

E1GB1

Lab Name: CHEMTECH Contract:

Lab Code: CHEM Case No.: BN070124 SAS No.: BN070124 SDG NO.: BN070124

Lab File ID: BN032363.D Lab Sample ID: P2898-08

Instrument ID: BNA_N Date Extracted: 06/18/2024

Matrix: (soil/water) Water Date Analyzed: 07/01/2024

Level: (low/med) LOW Time Analyzed: 15:13

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
E1GB1	P2898-08	BN032363.D	07/01/2024

COMMENTS:

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4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

A4DN5

Lab Name: CHEMTECH Contract:

Lab Code: CHEM Case No.: BN070124 SAS No.: BN070124 SDG NO.: BN070124

Lab File ID: BN032358.D Lab Sample ID: P2934-25

Instrument ID: BNA_N Date Extracted: 06/19/2024

Matrix: (soil/water) Solid Date Analyzed: 07/01/2024

Level: (low/med) LOW Time Analyzed: 12:12

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
A4DN5	P2934-25	BN032358.D	07/01/2024
A4B72	P2934-05	BN032368.D	07/01/2024
A4B72MS	P2934-06MS	BN032369.D	07/01/2024
A4B72MSD	P2934-07MSD	BN032370.D	07/01/2024

COMMENTS:

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SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

SBLK603

Lab Name: CHEMTECH Contract:

Lab Code: CHEM Case No.: BN070124 SAS No.: BN070124 SDG NO.: BN070124

Lab File ID: BN032383.D Lab Sample ID: PB161603BL

Instrument ID: BNA_N Date Extracted: 06/20/2024

Matrix: (soil/water) Solid Date Analyzed: 07/02/2024

Level: (low/med) LOW Time Analyzed: 04:33

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
A4DN7	P2871-21	BN032359.D	07/01/2024
A4CN3	P2871-13	BN032385.D	07/02/2024
A4CJ2	P2871-12	BN032386.D	07/02/2024
A4CN6	P2871-20	BN032384.D	07/02/2024
A4C52	P2871-04	BN032387.D	07/02/2024
A4C53	P2871-05	BN032389.D	07/02/2024
A4CN7	P2871-16	BN032388.D	07/02/2024
A4CN4	P2871-14	BN032390.D	07/02/2024

COMMENTS:

CHEMTECH
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Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: BN070124

Client:

Analytical Method: SFAM_SVOASIM

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Limits Low	Limits High	RPD
Lab Sample ID: P2934-06MS		**Client Sample ID: A4B72MS**						**DataFile:**	**BN032369.D**		
1,4-Dioxane	69.7		34	ug/Kg	49				15	120	
Naphthalene	13.9	21	23	ug/Kg	14				0	0	
1-Methylnaphthalene	13.9	5.5	16	ug/Kg	76				0	0	
2-Methylnaphthalene	13.9	9.3	18	ug/Kg	63				0	0	
Acenaphthylene	13.9	31	58	ug/Kg	194				0	0	
Acenaphthene	13.9	15	22	ug/Kg	50				31	137	
Fluorene	13.9	15	24	ug/Kg	65				0	0	
Pentachlorophenol	27.9		30	ug/Kg	108				17	109	
Phenanthrene	13.9	190	300	ug/Kg	791				0	0	
Anthracene	13.9	41	91	ug/Kg	360				0	0	
Fluoranthene	13.9	300	560	ug/Kg	1871				0	0	
Pyrene	13.9	220	400	ug/Kg	1295	*			35	142	
Benzo(a)anthracene	13.9	170	280	ug/Kg	791				0	0	
Chrysene	13.9	150	250	ug/Kg	719				0	0	
Benzo(b)fluoranthene	13.9	190	250	ug/Kg	432				0	0	
Benzo(k)fluoranthene	13.9	68	85	ug/Kg	122				0	0	
Benzo(a)pyrene	13.9	120	150	ug/Kg	216				0	0	
Indeno(1,2,3-cd)pyrene	13.9	70	95	ug/Kg	180				0	0	
Dibenzo(a,h)anthracene	13.9	29	48	ug/Kg	137				0	0	
Benzo(g,h,i)perylene	13.9	14	18	ug/Kg	29				0	0	

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Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: BN070124

Client:

Analytical Method: SFAM_SVOASIM

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Limits Low	Limits High	RPD
Lab Sample ID: P2934-07MSD		**Client Sample ID:** A4B72MSD						**DataFile:**	BN032370.D		
1,4-Dioxane	69.7		34	ug/Kg	49		0		15	120	50
Naphthalene	13.9	21	21	ug/Kg	0		200	*	0	0	0
1-Methylnaphthalene	13.9	5.5	14	ug/Kg	61		22	*	0	0	0
2-Methylnaphthalene	13.9	9.3	16	ug/Kg	48		27	*	0	0	0
Acenaphthylene	13.9	31	63	ug/Kg	230		17	*	0	0	0
Acenaphthene	13.9	15	21	ug/Kg	43		15		31	137	19
Fluorene	13.9	15	23	ug/Kg	58		11	*	0	0	0
Pentachlorophenol	27.9		29	ug/Kg	104		4		17	109	47
Phenanthrene	13.9	190	290	ug/Kg	719		10	*	0	0	0
Anthracene	13.9	41	92	ug/Kg	367		2	*	0	0	0
Fluoranthene	13.9	300	460	ug/Kg	1151		48	*	0	0	0
Pyrene	13.9	220	340	ug/Kg	863	*	40	*	35	142	36
Benzo(a)anthracene	13.9	170	250	ug/Kg	576		31	*	0	0	0
Chrysene	13.9	150	220	ug/Kg	504		35	*	0	0	0
Benzo(b)fluoranthene	13.9	190	230	ug/Kg	288		40	*	0	0	0
Benzo(k)fluoranthene	13.9	68	89	ug/Kg	151		21	*	0	0	0
Benzo(a)pyrene	13.9	120	140	ug/Kg	144		40	*	0	0	0
Indeno(1,2,3-cd)pyrene	13.9	70	90	ug/Kg	144		22	*	0	0	0
Dibenzo(a,h)anthracene	13.9	29	46	ug/Kg	122		12	*	0	0	0
Benzo(g,h,i)perylene	13.9	14	17	ug/Kg	22		27	*	0	0	0

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Surrogate Summary

SW-846

SDG No.: BN070124

Client:

Analytical Method: SFAM_SVOASIM

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%) Low	Limits (%) High
P2898-08	E1GB1	BN032363.D	1,4-Dioxane-d8	8	3.99	50		15	120
			Fluoranthene-d10	0.4	0.33	83		30	130
			2-Methylnaphthalene-d10	0.4	0.29	72		30	130

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Surrogate Summary

SW-846

SDG No.: BN070124

Client:

Analytical Method: SFAM_SVOASIM

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%) Low	High
P2934-01DL	A4B58DL	BN032379.D	1,4-Dioxane-d8	8	3.62	45		15	120
			Fluoranthene-d10	0.4	0.26	65		30	130
			2-Methylnaphthalene-d10	0.4	0.23	56		20	140
P2934-03DL	A4B61DL	BN032375.D	1,4-Dioxane-d8	8	3.34	42		15	120
			Fluoranthene-d10	0.4	0.22	55		30	130
			2-Methylnaphthalene-d10	0.4	0.20	50		20	140
P2934-05	A4B72	BN032368.D	1,4-Dioxane-d8	8	2.98	37		15	120
			Fluoranthene-d10	0.4	0.23	57		30	130
			2-Methylnaphthalene-d10	0.4	0.20	50		20	140
P2934-06MS	A4B72MS	BN032369.D	1,4-Dioxane-d8	0.8	0.50	63		15	120
			Fluoranthene-d10	0.4	0.42	104		30	130
			2-Methylnaphthalene-d10	0.4	0.33	83		20	140
P2934-07MSD	A4B72MSD	BN032370.D	1,4-Dioxane-d8	0.8	0.51	63		15	120
			Fluoranthene-d10	0.4	0.35	86		30	130
			2-Methylnaphthalene-d10	0.4	0.30	76		20	140
P2934-08DL	A4CP4DL	BN032376.D	1,4-Dioxane-d8	8	3.80	47		15	120
			Fluoranthene-d10	0.4	0.29	71		30	130
			2-Methylnaphthalene-d10	0.4	0.24	60		20	140
P2934-09DL	A4CP5DL	BN032380.D	1,4-Dioxane-d8	8	3.08	38		15	120
			Fluoranthene-d10	0.4	0.24	60		30	130
			2-Methylnaphthalene-d10	0.4	0.20	50		20	140
P2934-10DL	A4CP6DL	BN032371.D	1,4-Dioxane-d8	8	2.76	34		15	120
			Fluoranthene-d10	0.4	0.22	54		30	130
			2-Methylnaphthalene-d10	0.4	0.18	45		20	140
P2934-11DL	A4CP7DL	BN032372.D	1,4-Dioxane-d8	8	3.04	38		15	120
			Fluoranthene-d10	0.4	0.29	72		30	130
			2-Methylnaphthalene-d10	0.4	0.23	56		20	140
P2934-12DL	A4CP8DL	BN032373.D	1,4-Dioxane-d8	8	3.76	47		15	120
			Fluoranthene-d10	0.4	0.28	69		30	130
			2-Methylnaphthalene-d10	0.4	0.25	61		20	140
P2934-13DL	A4CP9DL	BN032377.D	1,4-Dioxane-d8	8	3.37	42		15	120
			Fluoranthene-d10	0.4	0.25	63		30	130
			2-Methylnaphthalene-d10	0.4	0.22	54		20	140
P2934-14DL	A4CQ0DL	BN032374.D	1,4-Dioxane-d8	8	4.17	52		15	120
			Fluoranthene-d10	0.4	0.35	88		30	130
			2-Methylnaphthalene-d10	0.4	0.30	75		20	140
P2934-16DL	A4CQ2DL	BN032378.D	1,4-Dioxane-d8	8	3.46	43		15	120
			Fluoranthene-d10	0.4	0.22	54		30	130
			2-Methylnaphthalene-d10	0.4	0.21	52		20	140
P2934-17DL	A4CQ3DL	BN032381.D	1,4-Dioxane-d8	8	4.05	51		15	120
			Fluoranthene-d10	0.4	0.26	65		30	130
			2-Methylnaphthalene-d10	0.4	0.24	60		20	140
P2934-20DL	A4B56DL	BN032364.D	1,4-Dioxane-d8	8	3.13	39		15	120
			Fluoranthene-d10	0.4	0.23	57		30	130
			2-Methylnaphthalene-d10	0.4	0.21	51		20	140
P2934-22DL	A4B73DL	BN032365.D	1,4-Dioxane-d8	8	3.31	41		15	120
			Fluoranthene-d10	0.4	0.25	63		30	130
			2-Methylnaphthalene-d10	0.4	0.21	52		20	140
P2934-25	A4DN5	BN032358.D	1,4-Dioxane-d8	0.8	0.45	56		15	120

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Surrogate Summary

SW-846

SDG No.: BN070124

Client:

Analytical Method: SFAM_SVOASIM

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%) Low	Limits (%) High
P2934-25	A4DN5	BN032358.D	Fluoranthene-d10	0.4	0.36	89		30	130
			2-Methylnaphthalene-d10	0.4	0.29	74		20	140
P2934-25DL	A4DN5DL	BN032360.D	1,4-Dioxane-d8	0.8	0.60	75		15	120
			Fluoranthene-d10	0.4	0.38	95		30	130
			2-Methylnaphthalene-d10	0.4	0.30	75		20	140
P2934-25DL2	A4DN5DL2	BN032362.D	1,4-Dioxane-d8	0.8	0.68	85		15	120
			Fluoranthene-d10	0.4	0.32	80		30	130
			2-Methylnaphthalene-d10	0.4	0.28	70		20	140

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Surrogate Summary

SW-846

SDG No.: BN070124

Client:

Analytical Method: SFAM_SVOASIM

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%) Low	High
P2871-04	A4C52	BN032387.D	1,4-Dioxane-d8	8	3.64	46		15	120
			Fluoranthene-d10	0.4	0.33	83		30	130
			2-Methylnaphthalene-d10	0.4	0.28	70		20	140
P2871-05	A4C53	BN032389.D	1,4-Dioxane-d8	8	2.97	37		15	120
			Fluoranthene-d10	0.4	0.29	74		30	130
			2-Methylnaphthalene-d10	0.4	0.24	60		20	140
P2871-12	A4CJ2	BN032386.D	1,4-Dioxane-d8	8	3.03	38		15	120
			Fluoranthene-d10	0.4	0.28	69		30	130
			2-Methylnaphthalene-d10	0.4	0.21	52		20	140
P2871-13	A4CN3	BN032385.D	1,4-Dioxane-d8	8	2.04	25		15	120
			Fluoranthene-d10	0.4	0.25	62		30	130
			2-Methylnaphthalene-d10	0.4	0.17	42		20	140
P2871-14	A4CN4	BN032390.D	1,4-Dioxane-d8	8	3.40	42		15	120
			Fluoranthene-d10	0.4	0.30	76		30	130
			2-Methylnaphthalene-d10	0.4	0.25	63		20	140
P2871-16	A4CN7	BN032388.D	1,4-Dioxane-d8	8	3.91	49		15	120
			Fluoranthene-d10	0.4	0.34	84		30	130
			2-Methylnaphthalene-d10	0.4	0.29	73		20	140
P2871-20	A4CN6	BN032384.D	1,4-Dioxane-d8	8	3.18	40		15	120
			Fluoranthene-d10	0.4	0.32	79		30	130
			2-Methylnaphthalene-d10	0.4	0.25	61		20	140
P2871-21	A4DN7	BN032359.D	1,4-Dioxane-d8	0.8	0.52	64		15	120
			Fluoranthene-d10	0.4	0.38	95		30	130
			2-Methylnaphthalene-d10	0.4	0.32	79		20	140
P2871-21DL	A4DN7DL	BN032361.D	1,4-Dioxane-d8	0.8	0.59	74		15	120
			Fluoranthene-d10	0.4	0.32	80		30	130
			2-Methylnaphthalene-d10	0.4	0.28	70		20	140
PB161603BL	PB161603BL	BN032357.D	1,4-Dioxane-d8	8	4.50	56		15	120
		BN032367.D	1,4-Dioxane-d8	8	4.63	58		15	120
		BN032383.D	1,4-Dioxane-d8	8	4.93	62		15	120
			Fluoranthene-d10	0.4	0.27	68		30	130
		BN032357.D	Fluoranthene-d10	0.4	0.30	75		30	130
		BN032367.D	Fluoranthene-d10	0.4	0.29	74		30	130
		BN032357.D	2-Methylnaphthalene-d10	0.4	0.26	64		20	140
		BN032367.D	2-Methylnaphthalene-d10	0.4	0.25	63		20	140
		BN032383.D	2-Methylnaphthalene-d10	0.4	0.24	60		20	140

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5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK

DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: CHEMTECH Contract: BN070124

Lab Code: CHEM SAS No.: BN070124 SDG NO.: BN070124

Lab File ID: BN032355.D DFTPP Injection Date: 07/01/2024

Instrument ID: BNA_N DFTPP Injection Time: 10:18

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
51	10.0 - 80.0% of mass 198	26.6
68	Less than 2.0% of mass 69	0.5 (1.8) 1
69	Mass 69 relative abundance	30.7
70	Less than 2.0% of mass 69	0.2 (0.5) 1
127	10.0 - 80.0% of mass 198	44.2
197	Less than 2.0% of mass 198	0.2
198	Base Peak, 100% relative abundance	100
199	5.0 to 9.0% of mass 198	6.6
275	10.0 - 60.0% of mass 198	26.1
365	Greater than 1% of mass 198	3.3
441	Present, but less than mass 443	11.3
442	Greater than 50% of mass 198	64.2
443	15.0 - 24.0% of mass 442	14.1 (22) 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
SSTD0.4387	SSTDCCC0.4	BN032356.D	07/01/2024	10:57
SBLK603	PB161603BL	BN032357.D	07/01/2024	11:35
A4DN5	P2934-25	BN032358.D	07/01/2024	12:12
A4DN7	P2871-21	BN032359.D	07/01/2024	12:48
A4DN5DL	P2934-25DL	BN032360.D	07/01/2024	13:24
A4DN7DL	P2871-21DL	BN032361.D	07/01/2024	14:00
A4DN5DL2	P2934-25DL2	BN032362.D	07/01/2024	14:37
E1GB1	P2898-08	BN032363.D	07/01/2024	15:13
A4B56DL	P2934-20DL	BN032364.D	07/01/2024	15:49
A4B73DL	P2934-22DL	BN032365.D	07/01/2024	16:25
SSTD0.4388	SSTDCCC0.4	BN032366.D	07/01/2024	17:02
SBLK603	PB161603BL	BN032367.D	07/01/2024	18:19
A4B72	P2934-05	BN032368.D	07/01/2024	18:55
A4B72MS	P2934-06MS	BN032369.D	07/01/2024	19:31
A4B72MSD	P2934-07MSD	BN032370.D	07/01/2024	20:07
A4CP6DL	P2934-10DL	BN032371.D	07/01/2024	20:44
A4CP7DL	P2934-11DL	BN032372.D	07/01/2024	21:20
A4CP8DL	P2934-12DL	BN032373.D	07/01/2024	21:56

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5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK

DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: CHEMTECH Contract: BN070124

Lab Code: CHEM SAS No.: BN070124 SDG NO.: BN070124

Lab File ID: BN032355.D DFTPP Injection Date: 07/01/2024

Instrument ID: BNA_N DFTPP Injection Time: 10:18

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
51	10.0 - 80.0% of mass 198	26.6
68	Less than 2.0% of mass 69	0.5 (1.8) 1
69	Mass 69 relative abundance	30.7
70	Less than 2.0% of mass 69	0.2 (0.5) 1
127	10.0 - 80.0% of mass 198	44.2
197	Less than 2.0% of mass 198	0.2
198	Base Peak, 100% relative abundance	100
199	5.0 to 9.0% of mass 198	6.6
275	10.0 - 60.0% of mass 198	26.1
365	Greater than 1% of mass 198	3.3
441	Present, but less than mass 443	11.3
442	Greater than 50% of mass 198	64.2
443	15.0 - 24.0% of mass 442	14.1 (22) 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
A4CQ0DL	P2934-14DL	BN032374.D	07/01/2024	22:32
A4B61DL	P2934-03DL	BN032375.D	07/01/2024	23:08
A4CP4DL	P2934-08DL	BN032376.D	07/01/2024	23:45
A4CP9DL	P2934-13DL	BN032377.D	07/02/2024	00:21
A4CQ2DL	P2934-16DL	BN032378.D	07/02/2024	00:57
A4B58DL	P2934-01DL	BN032379.D	07/02/2024	01:33
A4CP5DL	P2934-09DL	BN032380.D	07/02/2024	02:09
A4CQ3DL	P2934-17DL	BN032381.D	07/02/2024	02:45
SSTD0.4389	SSTDCCC0.4	BN032382.D	07/02/2024	03:57
SBLK603	PB161603BL	BN032383.D	07/02/2024	04:33
A4CN6	P2871-20	BN032384.D	07/02/2024	05:09
A4CN3	P2871-13	BN032385.D	07/02/2024	05:45
A4CJ2	P2871-12	BN032386.D	07/02/2024	06:21
A4C52	P2871-04	BN032387.D	07/02/2024	06:57
A4CN7	P2871-16	BN032388.D	07/02/2024	07:33
A4C53	P2871-05	BN032389.D	07/02/2024	08:09
A4CN4	P2871-14	BN032390.D	07/02/2024	08:45