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.: BP100824 SAS No.: BP100824 SDG No.: BP100824

Instrument ID: BNA_P Calibration Date/Time: 10/8/2024 12 10:40

Lab File ID: BP022265.D Init. Calib. Date(s):

EPA Sample No.: SSTD020791 Init. Calib. Time(s):

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

COMPOUND	RRF	RRFCAL	MIN RRF	%D	MAX%D
1,4-Dioxane	0.553	0.559	0.010	1.0474	40.0
Benzaldehyde	0.910	0.980	0.010	7.7627	40.0
Pyridine	1.449	1.461	0.010	0.8657	40.0
Phenol	1.752	1.628	0.080	-7.066	20.0
Bis(2-Chloroethyl)ether	1.311	1.283	0.100	-2.1246	20.0
2-Chlorophenol	1.235	1.227	0.200	-0.7002	20.0
2-Methylphenol	1.271	1.189	0.010	-6.5024	20.0
2,2-oxybis(1-Chloropropane)	1.524	1.443	0.010	-5.2862	40.0
Acetophenone	2.218	2.126	0.060	-4.161	20.0
4-Methylphenol	1.410	1.308	0.010	-7.2617	20.0
N-Nitroso-di-n-propylamine	1.124	1.098	0.050	-2.3192	30.0
Hexachloroethane	0.575	0.565	0.100	-1.82	20.0
Nitrobenzene	0.459	0.459	0.050	-0.0599	25.0
Isophorone	0.823	0.824	0.050	0.0754	25.0
2-Nitrophenol	0.192	0.184	0.050	-4.1926	25.0
2,4-Dimethylphenol	0.417	0.421	0.050	0.8428	25.0
Bis(2-Chloroethoxy)methane	0.467	0.461	0.050	-1.4221	20.0
2,4-Dichlorophenol	0.373	0.364	0.060	-2.3815	20.0
Naphthalene	1.065	1.065	0.200	-0.0693	20.0
4-Chloroaniline	0.441	0.424	0.010	-3.8616	40.0
Hexachlorobutadiene	0.314	0.309	0.040	-1.4767	30.0
Caprolactam	0.120	0.111	0.010	-7.2536	40.0
4-Chloro-3-methylphenol	0.407	0.405	0.040	-0.3588	25.0
1-Methylnaphthalene	0.798	0.800	0.100	0.221	20.0
2-Methylnaphthalene	0.782	0.791	0.100	1.1325	20.0
Hexachlorocyclopentadiene	0.451	0.445	0.010	-1.1404	40.0
2,4,6-Trichlorophenol	0.465	0.448	0.090	-3.607	25.0
2,4,5-Trichlorophenol	0.495	0.494	0.100	-0.3375	25.0
1,1-Biphenyl	1.442	1.448	0.200	0.4137	20.0
2-Chloronaphthalene	1.180	1.179	0.300	-0.0937	20.0
2-Nitroaniline	0.352	0.341	0.050	-3.1427	40.0
Dimethylphthalate	1.583	1.589	0.300	0.3749	20.0
2,6-Dinitrotoluene	0.299	0.312	0.080	4.1163	30.0
Acenaphthylene	1.752	1.855	0.400	5.8773	20.0
3-Nitroaniline	0.281	0.274	0.010	-2.4697	40.0
Acenaphthene	1.239	1.262	0.200	1.9243	20.0
2,4-Dinitrophenol	0.220	0.193	0.010	-12.4484	40.0
4-Nitrophenol	0.296	0.297	0.010	0.3608	40.0
Dibenzofuran	1.861	1.854	0.300	-0.3452	20.0

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SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract:

Lab Code: CHEM Case No.: BP100824 SAS No.: BP100824 SDG No.: BP100824

Instrument ID: BNA_P Calibration Date/Time: 10/8/2024 12 10:40

Lab File ID: BP022265.D Init. Calib. Date(s):

EPA Sample No.: SSTD020791 Init. Calib. Time(s):

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

COMPOUND	RRF	RRFCAL	MIN RRF	%D	MAX%D
2,4-Dinitrotoluene	0.465	0.484	0.070	4.0356	30.0
Diethylphthalate	1.519	1.586	0.300	4.3961	20.0
Fluorene	1.516	1.576	0.200	3.9797	20.0
4-Chlorophenyl-phenylether	0.867	0.894	0.100	3.0885	20.0
4-Nitroaniline	0.283	0.290	0.010	2.3254	40.0
4,6-Dinitro-2-methylphenol	0.142	0.134	0.010	-5.7425	40.0
N-Nitrosodiphenylamine	0.536	0.523	0.050	-2.2896	20.0
1,2,4,5-Tetrachlorobenzene	0.740	0.719	0.100	-2.7782	20.0
4-Bromophenyl-phenylether	0.241	0.239	0.070	-0.9572	20.0
Hexachlorobenzene	0.297	0.298	0.050	0.3555	25.0
Atrazine	0.223	0.206	0.010	-7.5507	25.0
Pentachlorophenol	0.191	0.179	0.010	-6.053	40.0
Phenanthrene	1.070	1.075	0.200	0.4387	20.0
Pentachlorobenzene	0.337	0.311	0.050	-7.593	20.0
Anthracene	1.068	1.085	0.200	1.6446	20.0
1,2,3,4-Tetrachlorobenzene	0.305	0.279	0.050	-8.4538	20.0
Carbazole	0.945	0.950	0.050	0.5267	40.0
Di-n-butylphthalate	1.045	1.074	0.500	2.7227	25.0
Fluoranthene	1.216	1.205	0.400	-0.8852	25.0
Pyrene	1.303	1.294	0.400	-0.7085	25.0
Butylbenzylphthalate	0.454	0.444	0.100	-2.2162	40.0
3,3-Dichlorobenzidine	0.477	0.475	0.010	-0.4694	40.0
Benzo(a)anthracene	1.402	1.386	0.300	-1.1202	30.0
Chrysene	1.300	1.287	0.200	-1.025	30.0
Bis(2-ethylhexyl)phthalate	0.651	0.649	0.200	-0.4126	40.0
Di-n-octyl phthalate	0.951	0.899	0.010	-5.5386	40.0
Benzo(b)fluoranthene	1.259	1.222	0.200	-2.9468	25.0
Benzo(k)fluoranthene	1.233	1.228	0.200	-0.3888	25.0
Benzo(a)pyrene	1.159	1.198	0.200	3.4173	20.0
Indeno(1,2,3-cd)pyrene	1.546	1.475	0.200	-4.6179	25.0
Dibenzo(a,h)anthracene	1.252	1.218	0.200	-2.7411	30.0
Benzo(g,h,i)perylene	1.203	1.184	0.200	-1.5788	30.0
2,3,4,6-Tetrachlorophenol	0.462	0.486	0.040	5.1306	20.0
1,4-Dioxane-d8	0.515	0.498	0.010	-3.3066	25.0
Pyridine-d5	1.413	1.439	0.010	1.8753	40.0
Phenol-d5	1.684	1.614	0.010	-4.1324	25.0
Bis-(2-Chloroethyl)ether-d8	0.989	0.967	0.050	-2.2469	25.0
2-Chlorophenol-d4	1.195	1.228	0.200	2.7659	20.0
4-Methylphenol-d8	1.344	1.263	0.010	-6.0048	20.0

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SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract:

Lab Code: CHEM Case No.: BP100824 SAS No.: BP100824 SDG No.: BP100824

Instrument ID: BNA_P Calibration Date/Time: 10/8/2024 12 10:40

Lab File ID: BP022265.D Init. Calib. Date(s):

EPA Sample No.: SSTD020791 Init. Calib. Time(s):

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

COMPOUND	RRF	RRFCAL	MIN RRF	%D	MAX%D
Nitrobenzene-d5	0.154	0.157	0.050	2.2354	20.0
2-Nitrophenol-d4	0.178	0.179	0.050	0.2713	30.0
2,4-Dichlorophenol-d3	0.378	0.379	0.060	0.0461	20.0
4-Chloroaniline-d4	0.447	0.431	0.010	-3.5824	40.0
Dimethylphthalate-d6	1.589	1.584	0.300	-0.2899	20.0
Acenaphthylene-d8	1.688	1.694	0.400	0.349	20.0
4-Nitrophenol-d4	0.267	0.265	0.010	-0.6794	40.0
Fluorene-d10	1.378	1.418	0.100	2.8601	20.0
4,6-Dinitro-2-methylphenol-d2	0.132	0.126	0.010	-4.5889	40.0
Anthracene-d10	0.941	0.959	0.300	1.9605	20.0
Pyrene-d10	1.058	1.032	0.300	-2.3806	25.0
Benzo(a)pyrene-d12	1.068	1.026	0.010	-3.9423	20.0

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.: BP100824 SAS No.: BP100824 SDG No.: BP100824

Instrument ID: BNA_P Calibration Date/Time: 10/8/2024 12 16:48

Lab File ID: BP022274.D Init. Calib. Date(s):

EPA Sample No.: SSTD020792 Init. Calib. Time(s):

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

COMPOUND	RRF	RRFCAL	MIN RRF	%D	MAX%D
1,4-Dioxane	0.553	0.500	0.010	-9.6339	50.0
Benzaldehyde	0.910	0.983	0.010	8.0406	50.0
Pyridine	1.449	1.358	0.010	-6.2911	50.0
Phenol	1.752	1.667	0.080	-4.8011	50.0
Bis(2-Chloroethyl)ether	1.311	1.327	0.100	1.2544	50.0
2-Chlorophenol	1.235	1.232	0.200	-0.305	50.0
2-Methylphenol	1.271	1.244	0.010	-2.1719	50.0
2,2-oxybis(1-Chloropropane)	1.524	1.534	0.010	0.699	50.0
Acetophenone	2.218	2.166	0.060	-2.3427	50.0
4-Methylphenol	1.410	1.382	0.010	-2.0303	50.0
N-Nitroso-di-n-propylamine	1.124	1.155	0.050	2.7912	50.0
Hexachloroethane	0.575	0.589	0.100	2.4368	50.0
Nitrobenzene	0.459	0.443	0.050	-3.5318	50.0
Isophorone	0.823	0.833	0.050	1.1808	50.0
2-Nitrophenol	0.192	0.190	0.050	-0.7454	50.0
2,4-Dimethylphenol	0.417	0.413	0.050	-1.0459	50.0
Bis(2-Chloroethoxy)methane	0.467	0.487	0.050	4.1145	50.0
2,4-Dichlorophenol	0.373	0.372	0.060	-0.2945	50.0
Naphthalene	1.065	1.060	0.200	-0.4506	50.0
4-Chloroaniline	0.441	0.434	0.010	-1.5957	50.0
Hexachlorobutadiene	0.314	0.308	0.040	-1.8044	50.0
Caprolactam	0.120	0.120	0.010	-0.1723	50.0
4-Chloro-3-methylphenol	0.407	0.407	0.040	0.1663	50.0
1-Methylnaphthalene	0.798	0.813	0.100	1.8377	50.0
2-Methylnaphthalene	0.782	0.785	0.100	0.3877	50.0
Hexachlorocyclopentadiene	0.451	0.407	0.010	-9.6626	50.0
2,4,6-Trichlorophenol	0.465	0.462	0.090	-0.6863	50.0
2,4,5-Trichlorophenol	0.495	0.495	0.100	-0.1016	50.0
1,1-Biphenyl	1.442	1.407	0.200	-2.4219	50.0
2-Chloronaphthalene	1.180	1.140	0.300	-3.3893	50.0
2-Nitroaniline	0.352	0.327	0.050	-7.314	50.0
Dimethylphthalate	1.583	1.554	0.300	-1.8727	50.0
2,6-Dinitrotoluene	0.299	0.311	0.080	3.8202	50.0
Acenaphthylene	1.752	1.812	0.400	3.4229	50.0
3-Nitroaniline	0.281	0.275	0.010	-2.3957	50.0
Acenaphthene	1.239	1.207	0.200	-2.5552	50.0
2,4-Dinitrophenol	0.220	0.182	0.010	-17.3065	50.0
4-Nitrophenol	0.296	0.267	0.010	-9.8719	50.0
Dibenzofuran	1.861	1.828	0.300	-1.7346	50.0

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SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract:

Lab Code: CHEM Case No.: BP100824 SAS No.: BP100824 SDG No.: BP100824

Instrument ID: BNA_P Calibration Date/Time: 10/8/2024 1: 16:48

Lab File ID: BP022274.D Init. Calib. Date(s):

EPA Sample No.: SSTD020792 Init. Calib. Time(s):

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

COMPOUND	RRF	RRFCAL	MIN RRF	%D	MAX%D
2,4-Dinitrotoluene	0.465	0.466	0.070	0.2233	50.0
Diethylphthalate	1.519	1.512	0.300	-0.4869	50.0
Fluorene	1.516	1.502	0.200	-0.9307	50.0
4-Chlorophenyl-phenylether	0.867	0.862	0.100	-0.5552	50.0
4-Nitroaniline	0.283	0.296	0.010	4.4306	50.0
4,6-Dinitro-2-methylphenol	0.142	0.132	0.010	-6.7999	50.0
N-Nitrosodiphenylamine	0.536	0.533	0.050	-0.4175	50.0
1,2,4,5-Tetrachlorobenzene	0.740	0.705	0.100	-4.7346	50.0
4-Bromophenyl-phenylether	0.241	0.250	0.070	3.6031	50.0
Hexachlorobenzene	0.297	0.296	0.050	-0.3449	50.0
Atrazine	0.223	0.207	0.010	-6.9732	50.0
Pentachlorophenol	0.191	0.179	0.010	-6.0076	50.0
Phenanthrene	1.070	1.075	0.200	0.454	50.0
Pentachlorobenzene	0.337	0.329	0.050	-2.4134	50.0
Anthracene	1.068	1.088	0.200	1.8812	50.0
1,2,3,4-Tetrachlorobenzene	0.305	0.293	0.050	-3.689	50.0
Carbazole	0.945	0.941	0.050	-0.3854	50.0
Di-n-butylphthalate	1.045	1.113	0.500	6.4189	50.0
Fluoranthene	1.216	1.317	0.400	8.2914	50.0
Pyrene	1.303	1.358	0.400	4.2279	50.0
Butylbenzylphthalate	0.454	0.497	0.100	9.5174	50.0
3,3-Dichlorobenzidine	0.477	0.506	0.010	6.162	50.0
Benzo(a)anthracene	1.402	1.399	0.300	-0.2062	50.0
Chrysene	1.300	1.300	0.200	-0.0413	50.0
Bis(2-ethylhexyl)phthalate	0.651	0.704	0.200	8.0418	50.0
Di-n-octyl phthalate	0.951	1.030	0.010	8.3089	50.0
Benzo(b)fluoranthene	1.259	1.282	0.200	1.8539	50.0
Benzo(k)fluoranthene	1.233	1.256	0.200	1.9359	50.0
Benzo(a)pyrene	1.159	1.169	0.200	0.8995	50.0
Indeno(1,2,3-cd)pyrene	1.546	1.473	0.200	-4.7614	50.0
Dibenzo(a,h)anthracene	1.252	1.202	0.200	-3.993	50.0
Benzo(g,h,i)perylene	1.203	1.170	0.200	-2.714	50.0
2,3,4,6-Tetrachlorophenol	0.462	0.463	0.040	0.0989	50.0
1,4-Dioxane-d8	0.515	0.462	0.010	-10.2406	50.0
Pyridine-d5	1.413	1.318	0.010	-6.7047	50.0
Phenol-d5	1.684	1.628	0.010	-3.3118	50.0
Bis-(2-Chloroethyl)ether-d8	0.989	0.971	0.050	-1.905	50.0
2-Chlorophenol-d4	1.195	1.223	0.200	2.3463	50.0
4-Methylphenol-d8	1.344	1.344	0.010	0.0063	50.0

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SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract:

Lab Code: CHEM Case No.: BP100824 SAS No.: BP100824 SDG No.: BP100824

Instrument ID: BNA_P Calibration Date/Time: 10/8/2024 12 16:48

Lab File ID: BP022274.D Init. Calib. Date(s):

EPA Sample No.: SSTD020792 Init. Calib. Time(s):

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

COMPOUND	RRF	RRFCAL	MIN RRF	%D	MAX%D
Nitrobenzene-d5	0.154	0.155	0.050	0.5485	50.0
2-Nitrophenol-d4	0.178	0.182	0.050	2.0947	50.0
2,4-Dichlorophenol-d3	0.378	0.381	0.060	0.6077	50.0
4-Chloroaniline-d4	0.447	0.445	0.010	-0.4763	50.0
Dimethylphthalate-d6	1.589	1.578	0.300	-0.69	50.0
Acenaphthylene-d8	1.688	1.704	0.400	0.9335	50.0
4-Nitrophenol-d4	0.267	0.255	0.010	-4.3701	50.0
Fluorene-d10	1.378	1.362	0.100	-1.1679	50.0
4,6-Dinitro-2-methylphenol-d2	0.132	0.122	0.010	-6.9241	50.0
Anthracene-d10	0.941	0.935	0.300	-0.6441	50.0
Pyrene-d10	1.058	1.125	0.300	6.3429	50.0
Benzo(a)pyrene-d12	1.068	1.057	0.010	-1.0717	50.0

All other compounds must meet a minimum RRF of 0.010.

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Report of Analysis

Client:				Date Collected:	9/25/2024 12:00:00 AM
Project:				Date Received:	9/25/2024 12:00:00 AM
Client Sample ID:	SBLK678			SDG No.:	BP100824
Lab Sample ID:	PB163678BL			Matrix:	Solid
Analytical Method:	SFAM_SVOC			% 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
BP022266.D	1	9/25/2024 12:00:00 AM	10/8/2024 12:00:00 AM	PB163678

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	11	U	11	6.6	67	ug/Kg
100-52-7	Benzaldehyde	45	U	45	82.5	330	ug/Kg
110-86-1	Pyridine	33	U	33	170	330	ug/Kg
108-95-2	Phenol	43	U	43	82.5	330	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	40	U	40	82.5	330	ug/Kg
95-57-8	2-Chlorophenol	23	U	23	42.5	170	ug/Kg
95-48-7	2-Methylphenol	39	U	39	82.5	330	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	60	U	60	82.5	330	ug/Kg
98-86-2	Acetophenone	40	U	40	82.5	330	ug/Kg
106-44-5	4-Methylphenol	37	U	37	82.5	330	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	51	U	51	42.5	170	ug/Kg
67-72-1	Hexachloroethane	18	U	18	42.5	170	ug/Kg
98-95-3	Nitrobenzene	31	U	31	42.5	170	ug/Kg
78-59-1	Isophorone	48	U	48	42.5	170	ug/Kg
88-75-5	2-Nitrophenol	31	U	31	42.5	170	ug/Kg
105-67-9	2,4-Dimethylphenol	25	U	25	42.5	170	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	43	U	43	42.5	170	ug/Kg
120-83-2	2,4-Dichlorophenol	16	U	16	42.5	170	ug/Kg
91-20-3	Naphthalene	25	U	25	42.5	170	ug/Kg
106-47-8	4-Chloroaniline	24	U	24	42.5	330	ug/Kg
87-68-3	Hexachlorobutadiene	44	U	44	42.5	170	ug/Kg
105-60-2	Caprolactam	72	U	72	82.5	330	ug/Kg
59-50-7	4-Chloro-3-methylphenol	49	U	49	42.5	170	ug/Kg
90-12-0	1-Methylnaphthalene	33	U	33	42.5	170	ug/Kg
91-57-6	2-Methylnaphthalene	23	U	23	42.5	170	ug/Kg
77-47-4	Hexachlorocyclopentadiene	95	U	95	82.5	330	ug/Kg
88-06-2	2,4,6-Trichlorophenol	49	U	49	42.5	170	ug/Kg
95-95-4	2,4,5-Trichlorophenol	39	U	39	42.5	170	ug/Kg

Alliance TECHNICAL GROUP
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Report of Analysis

Client:				Date Collected:	9/25/2024 12:00:00 AM
Project:				Date Received:	9/25/2024 12:00:00 AM
Client Sample ID:	SBLK678			SDG No.:	BP100824
Lab Sample ID:	PB163678BL			Matrix:	Solid
Analytical Method:	SFAM_SVOC			% 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
BP022266.D	1	9/25/2024 12:00:00 AM	10/8/2024 12:00:00 AM	PB163678

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	24	U	24	42.5	170	ug/Kg
91-58-7	2-Chloronaphthalene	26	U	26	42.5	170	ug/Kg
88-74-4	2-Nitroaniline	41	U	41	42.5	170	ug/Kg
131-11-3	Dimethylphthalate	29	U	29	42.5	170	ug/Kg
606-20-2	2,6-Dinitrotoluene	44	U	44	42.5	170	ug/Kg
208-96-8	Acenaphthylene	32	U	32	42.5	170	ug/Kg
99-09-2	3-Nitroaniline	44	U	44	82.5	330	ug/Kg
83-32-9	Acenaphthene	29	U	29	42.5	170	ug/Kg
51-28-5	2,4-Dinitrophenol	48	U	48	82.5	330	ug/Kg
100-02-7	4-Nitrophenol	44	U	44	82.5	330	ug/Kg
132-64-9	Dibenzofuran	32	U	32	42.5	170	ug/Kg
121-14-2	2,4-Dinitrotoluene	43	U	43	42.5	170	ug/Kg
84-66-2	Diethylphthalate	30	U	30	42.5	170	ug/Kg
86-73-7	Fluorene	25	U	25	42.5	170	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	20	U	20	42.5	170	ug/Kg
100-01-6	4-Nitroaniline	31	U	31	82.5	330	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	77	U	77	82.5	330	ug/Kg
86-30-6	N-Nitrosodiphenylamine	33	U	33	42.5	170	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	24	U	24	42.5	170	ug/Kg
101-55-3	4-Bromophenyl-phenylether	29	U	29	42.5	170	ug/Kg
118-74-1	Hexachlorobenzene	32	U	32	42.5	170	ug/Kg
1912-24-9	Atrazine	71	U	71	82.5	330	ug/Kg
87-86-5	Pentachlorophenol	74	U	74	82.5	330	ug/Kg
85-01-8	Phenanthrene	29	U	29	42.5	170	ug/Kg
608-93-5	Pentachlorobenzene	52	U	52	42.5	170	ug/Kg
120-12-7	Anthracene	25	U	25	42.5	170	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	50	U	50	42.5	170	ug/Kg
86-74-8	Carbazole	28	U	28	82.5	330	ug/Kg
84-74-2	Di-n-butylphthalate	61	U	61	42.5	170	ug/Kg
206-44-0	Fluoranthene	54	U	54	82.5	170	ug/Kg

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Report of Analysis

Client:				Date Collected:	9/25/2024 12:00:00 AM
Project:				Date Received:	9/25/2024 12:00:00 AM
Client Sample ID:	SBLK678			SDG No.:	BP100824
Lab Sample ID:	PB163678BL			Matrix:	Solid
Analytical Method:	SFAM_SVOC			% 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
BP022266.D	1	9/25/2024 12:00:00 AM	10/8/2024 12:00:00 AM	PB163678

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	49	U	49	42.5	170	ug/Kg
85-68-7	Butylbenzylphthalate	84	U	84	42.5	170	ug/Kg
91-94-1	3,3-Dichlorobenzidine	48	U	48	82.5	330	ug/Kg
56-55-3	Benzo(a)anthracene	27	U	27	42.5	170	ug/Kg
218-01-9	Chrysene	31	U	31	42.5	170	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	96	U	96	42.5	170	ug/Kg
117-84-0	Di-n-octyl phthalate	76	U	76	82.5	330	ug/Kg
205-99-2	Benzo(b)fluoranthene	33	U	33	42.5	170	ug/Kg
207-08-9	Benzo(k)fluoranthene	38	U	38	42.5	170	ug/Kg
50-32-8	Benzo(a)pyrene	32	U	32	42.5	170	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	31	U	31	42.5	170	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	28	U	28	42.5	170	ug/Kg
191-24-2	Benzo(g,h,i)perylene	26	U	26	42.5	170	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	33	U	33	42.5	170	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	4.764		15-120		60	SPK: -8
7291-22-7	Pyridine-d5	22.707		20-120		57	SPK: -40
4165-62-2	Phenol-d5	21.483		10-130		54	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	22.908		10-150		57	SPK: -40
93951-73-6	2-Chlorophenol-d4	23.115		15-120		58	SPK: -40
190780-66-6	4-Methylphenol-d8	21.47		10-140		54	SPK: -40
4165-60-0	Nitrobenzene-d5	22.877		10-135		57	SPK: -40
93951-78-1	2-Nitrophenol-d4	22.739		10-120		57	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	21.398		10-140		53	SPK: -40
191656-33-4	4-Chloroaniline-d4	22.553		1-145		56	SPK: -40
85448-30-2	Dimethylphthalate-d6	23.916		10-145		60	SPK: -40
93951-97-4	Acenaphthylene-d8	22.664		15-120		57	SPK: -40
93951-79-2	4-Nitrophenol-d4	19.185		10-150		48	SPK: -40
81103-79-9	Fluorene-d10	22.9		20-140		57	SPK: -40

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Report of Analysis

Client:				Date Collected:	9/25/2024 12:00:00 AM
Project:				Date Received:	9/25/2024 12:00:00 AM
Client Sample ID:	SBLK678			SDG No.:	BP100824
Lab Sample ID:	PB163678BL			Matrix:	Solid
Analytical Method:	SFAM_SVOC			% 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
BP022266.D	1	9/25/2024 12:00:00 AM	10/8/2024 12:00:00 AM	PB163678

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	19.084		10-130		48	SPK: -40
1719-06-8	Anthracene-d10	23.148		10-150		58	SPK: -40
1718-52-1	Pyrene-d10	23.135		10-130		58	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	22.606		10-140		57	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	114363	7.705				
1146-65-2	Naphthalene-d8	436088	10.457				
15067-26-2	Acenaphthene-d10	344954	14.31				
1517-22-2	Phenanthrene-d10	853743	17.11				
1719-03-5	Chrysene-d12	957431	21.545				
1520-96-3	Perylene-d12	1102062	24.839				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	24	U			99	ug/Kg

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Report of Analysis

Client:				Date Collected:	9/25/2024 12:00:00 AM
Project:				Date Received:	9/25/2024 12:00:00 AM
Client Sample ID:	SLCS678			SDG No.:	BP100824
Lab Sample ID:	PB163678BS			Matrix:	Solid
Analytical Method:	SFAM_SVOC			% 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
BP022267.D	1	9/25/2024 12:00:00 AM	10/8/2024 12:00:00 AM	PB163678

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	330		11	6.6	67	ug/Kg
110-86-1	Pyridine	800		33	170	330	ug/Kg
100-52-7	Benzaldehyde	890		45	82.5	330	ug/Kg
108-95-2	Phenol	860		43	82.5	330	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	870		40	82.5	330	ug/Kg
95-57-8	2-Chlorophenol	880		23	42.5	170	ug/Kg
95-48-7	2-Methylphenol	880		39	82.5	330	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	890		60	82.5	330	ug/Kg
98-86-2	Acetophenone	890		40	82.5	330	ug/Kg
106-44-5	4-Methylphenol	870		37	82.5	330	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	930		51	42.5	170	ug/Kg
67-72-1	Hexachloroethane	860		18	42.5	170	ug/Kg
98-95-3	Nitrobenzene	850		31	42.5	170	ug/Kg
78-59-1	Isophorone	880		48	42.5	170	ug/Kg
88-75-5	2-Nitrophenol	890		31	42.5	170	ug/Kg
105-67-9	2,4-Dimethylphenol	790		25	42.5	170	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	870		43	42.5	170	ug/Kg
120-83-2	2,4-Dichlorophenol	900		16	42.5	170	ug/Kg
91-20-3	Naphthalene	860		25	42.5	170	ug/Kg
106-47-8	4-Chloroaniline	720		24	42.5	330	ug/Kg
87-68-3	Hexachlorobutadiene	870		44	42.5	170	ug/Kg
105-60-2	Caprolactam	890		72	82.5	330	ug/Kg
59-50-7	4-Chloro-3-methylphenol	930		49	42.5	170	ug/Kg
90-12-0	1-Methylnaphthalene	880		33	42.5	170	ug/Kg
91-57-6	2-Methylnaphthalene	880		23	42.5	170	ug/Kg
77-47-4	Hexachlorocyclopentadiene	770		95	82.5	330	ug/Kg
88-06-2	2,4,6-Trichlorophenol	840		49	42.5	170	ug/Kg
95-95-4	2,4,5-Trichlorophenol	860		39	42.5	170	ug/Kg

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Report of Analysis

Client:				Date Collected:	9/25/2024 12:00:00 AM
Project:				Date Received:	9/25/2024 12:00:00 AM
Client Sample ID:	SLCS678			SDG No.:	BP100824
Lab Sample ID:	PB163678BS			Matrix:	Solid
Analytical Method:	SFAM_SVOC			% 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
BP022267.D	1	9/25/2024 12:00:00 AM	10/8/2024 12:00:00 AM	PB163678

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	840		24	42.5	170	ug/Kg
91-58-7	2-Chloronaphthalene	830		26	42.5	170	ug/Kg
88-74-4	2-Nitroaniline	890		41	42.5	170	ug/Kg
131-11-3	Dimethylphthalate	870		29	42.5	170	ug/Kg
606-20-2	2,6-Dinitrotoluene	920		44	42.5	170	ug/Kg
208-96-8	Acenaphthylene	850		32	42.5	170	ug/Kg
99-09-2	3-Nitroaniline	860		44	82.5	330	ug/Kg
83-32-9	Acenaphthene	850		29	42.5	170	ug/Kg
51-28-5	2,4-Dinitrophenol	860		48	82.5	330	ug/Kg
100-02-7	4-Nitrophenol	910		44	82.5	330	ug/Kg
132-64-9	Dibenzofuran	870		32	42.5	170	ug/Kg
121-14-2	2,4-Dinitrotoluene	930		43	42.5	170	ug/Kg
84-66-2	Diethylphthalate	920		30	42.5	170	ug/Kg
86-73-7	Fluorene	890		25	42.5	170	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	890		20	42.5	170	ug/Kg
100-01-6	4-Nitroaniline	970		31	82.5	330	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	840		77	82.5	330	ug/Kg
86-30-6	N-Nitrosodiphenylamine	850		33	42.5	170	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	820		24	42.5	170	ug/Kg
101-55-3	4-Bromophenyl-phenylether	880		29	42.5	170	ug/Kg
118-74-1	Hexachlorobenzene	870		32	42.5	170	ug/Kg
1912-24-9	Atrazine	720		71	82.5	330	ug/Kg
87-86-5	Pentachlorophenol	820		74	82.5	330	ug/Kg
85-01-8	Phenanthrene	860		29	42.5	170	ug/Kg
608-93-5	Pentachlorobenzene	780		52	42.5	170	ug/Kg
120-12-7	Anthracene	870		25	42.5	170	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	760		50	42.5	170	ug/Kg
86-74-8	Carbazole	870		28	82.5	330	ug/Kg
84-74-2	Di-n-butylphthalate	930		61	42.5	170	ug/Kg
206-44-0	Fluoranthene	850		54	82.5	170	ug/Kg

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Report of Analysis

Client:				Date Collected:	9/25/2024 12:00:00 AM
Project:				Date Received:	9/25/2024 12:00:00 AM
Client Sample ID:	SLCS678			SDG No.:	BP100824
Lab Sample ID:	PB163678BS			Matrix:	Solid
Analytical Method:	SFAM_SVOC			% 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
BP022267.D	1	9/25/2024 12:00:00 AM	10/8/2024 12:00:00 AM	PB163678

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	840		49	42.5	170	ug/Kg
85-68-7	Butylbenzylphthalate	890		84	42.5	170	ug/Kg
91-94-1	3,3-Dichlorobenzidine	900		48	82.5	330	ug/Kg
56-55-3	Benzo(a)anthracene	850		27	42.5	170	ug/Kg
218-01-9	Chrysene	860		31	42.5	170	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	920		96	42.5	170	ug/Kg
117-84-0	Di-n-octyl phthalate	900		76	82.5	330	ug/Kg
205-99-2	Benzo(b)fluoranthene	880		33	42.5	170	ug/Kg
207-08-9	Benzo(k)fluoranthene	870		38	42.5	170	ug/Kg
50-32-8	Benzo(a)pyrene	840		32	42.5	170	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	830		31	42.5	170	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	830		28	42.5	170	ug/Kg
191-24-2	Benzo(g,h,i)perylene	820		26	42.5	170	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	880		33	42.5	170	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	5.138		15-120		64	SPK: -8
7291-22-7	Pyridine-d5	24.956		20-120		62	SPK: -40
4165-62-2	Phenol-d5	26.23		10-130		66	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	26.609		10-150		67	SPK: -40
93951-73-6	2-Chlorophenol-d4	27.576		15-120		69	SPK: -40
190780-66-6	4-Methylphenol-d8	27.346		10-140		68	SPK: -40
4165-60-0	Nitrobenzene-d5	26.385		10-135		66	SPK: -40
93951-78-1	2-Nitrophenol-d4	27.255		10-120		68	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	27.48		10-140		69	SPK: -40
191656-33-4	4-Chloroaniline-d4	26.058		1-145		65	SPK: -40
85448-30-2	Dimethylphthalate-d6	27.413		10-145		69	SPK: -40
93951-97-4	Acenaphthylene-d8	26.489		15-120		66	SPK: -40
93951-79-2	4-Nitrophenol-d4	26.36		10-150		66	SPK: -40
81103-79-9	Fluorene-d10	27.654		20-140		69	SPK: -40

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Report of Analysis

Client:				Date Collected:	9/25/2024 12:00:00 AM
Project:				Date Received:	9/25/2024 12:00:00 AM
Client Sample ID:	SLCS678			SDG No.:	BP100824
Lab Sample ID:	PB163678BS			Matrix:	Solid
Analytical Method:	SFAM_SVOC			% 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
BP022267.D	1	9/25/2024 12:00:00 AM	10/8/2024 12:00:00 AM	PB163678

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	25.816		10-130		65	SPK: -40
1719-06-8	Anthracene-d10	26.687		10-150		67	SPK: -40
1718-52-1	Pyrene-d10	26.478		10-130		66	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	27.025		10-140		68	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	85869	7.705				
1146-65-2	Naphthalene-d8	352100	10.463				
15067-26-2	Acenaphthene-d10	299690	14.316				
1517-22-2	Phenanthrene-d10	776022	17.116				
1719-03-5	Chrysene-d12	925865	21.545				
1520-96-3	Perylene-d12	1088101	24.833				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	24	U			99	ug/Kg

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Report of Analysis

Client:				Date Collected:	9/23/2024 12:00:00 AM
Project:				Date Received:	9/23/2024 12:00:00 AM
Client Sample ID:	A4ES0			SDG No.:	BP100824
Lab Sample ID:	P4162-04			Matrix:	Solid
Analytical Method:	SFAM_SVOC			% Moisture:	13.5
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
BP022268.D	1	9/25/2024 12:00:00 AM	10/8/2024 12:00:00 AM	PB163678

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	13	U	13	7.6	77	ug/Kg
100-52-7	Benzaldehyde	52	U	52	95.1	380	ug/Kg
110-86-1	Pyridine	38	U	38	190	380	ug/Kg
108-95-2	Phenol	50	U	50	95.1	380	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	46	U	46	95.1	380	ug/Kg
95-57-8	2-Chlorophenol	27	U	27	49	200	ug/Kg
95-48-7	2-Methylphenol	45	U	45	95.1	380	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	69	U	69	95.1	380	ug/Kg
98-86-2	Acetophenone	46	U	46	95.1	380	ug/Kg
106-44-5	4-Methylphenol	43	U	43	95.1	380	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	59	U	59	49	200	ug/Kg
67-72-1	Hexachloroethane	21	U	21	49	200	ug/Kg
98-95-3	Nitrobenzene	36	U	36	49	200	ug/Kg
78-59-1	Isophorone	55	U	55	49	200	ug/Kg
88-75-5	2-Nitrophenol	36	U	36	49	200	ug/Kg
105-67-9	2,4-Dimethylphenol	29	U	29	49	200	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	50	U	50	49	200	ug/Kg
120-83-2	2,4-Dichlorophenol	18	U	18	49	200	ug/Kg
91-20-3	Naphthalene	29	U	29	49	200	ug/Kg
106-47-8	4-Chloroaniline	28	U	28	49	380	ug/Kg
87-68-3	Hexachlorobutadiene	51	U	51	49	200	ug/Kg
105-60-2	Caprolactam	83	U	83	95.1	380	ug/Kg
59-50-7	4-Chloro-3-methylphenol	56	U	56	49	200	ug/Kg
90-12-0	1-Methylnaphthalene	38	U	38	49	200	ug/Kg
91-57-6	2-Methylnaphthalene	27	U	27	49	200	ug/Kg
77-47-4	Hexachlorocyclopentadiene	110	U	110	95.1	380	ug/Kg
88-06-2	2,4,6-Trichlorophenol	56	U	56	49	200	ug/Kg
95-95-4	2,4,5-Trichlorophenol	45	U	45	49	200	ug/Kg

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Report of Analysis

Client:				Date Collected:	9/23/2024 12:00:00 AM
Project:				Date Received:	9/23/2024 12:00:00 AM
Client Sample ID:	A4ES0			SDG No.:	BP100824
Lab Sample ID:	P4162-04			Matrix:	Solid
Analytical Method:	SFAM_SVOC			% Moisture:	13.5
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
BP022268.D	1	9/25/2024 12:00:00 AM	10/8/2024 12:00:00 AM	PB163678

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	28	U	28	49	200	ug/Kg
91-58-7	2-Chloronaphthalene	30	U	30	49	200	ug/Kg
88-74-4	2-Nitroaniline	47	U	47	49	200	ug/Kg
131-11-3	Dimethylphthalate	33	U	33	49	200	ug/Kg
606-20-2	2,6-Dinitrotoluene	51	U	51	49	200	ug/Kg
208-96-8	Acenaphthylene	37	U	37	49	200	ug/Kg
99-09-2	3-Nitroaniline	51	U	51	95.1	380	ug/Kg
83-32-9	Acenaphthene	33	U	33	49	200	ug/Kg
51-28-5	2,4-Dinitrophenol	55	U	55	95.1	380	ug/Kg
100-02-7	4-Nitrophenol	51	U	51	95.1	380	ug/Kg
132-64-9	Dibenzofuran	37	U	37	49	200	ug/Kg
121-14-2	2,4-Dinitrotoluene	50	U	50	49	200	ug/Kg
84-66-2	Diethylphthalate	35	U	35	49	200	ug/Kg
86-73-7	Fluorene	29	U	29	49	200	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	23	U	23	49	200	ug/Kg
100-01-6	4-Nitroaniline	36	U	36	95.1	380	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	89	U	89	95.1	380	ug/Kg
86-30-6	N-Nitrosodiphenylamine	38	U	38	49	200	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	28	U	28	49	200	ug/Kg
101-55-3	4-Bromophenyl-phenylether	33	U	33	49	200	ug/Kg
118-74-1	Hexachlorobenzene	37	U	37	49	200	ug/Kg
1912-24-9	Atrazine	82	U	82	95.1	380	ug/Kg
87-86-5	Pentachlorophenol	85	U	85	95.1	380	ug/Kg
85-01-8	Phenanthrene	33	U	33	49	200	ug/Kg
608-93-5	Pentachlorobenzene	60	U	60	49	200	ug/Kg
120-12-7	Anthracene	29	U	29	49	200	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	58	U	58	49	200	ug/Kg
86-74-8	Carbazole	32	U	32	95.1	380	ug/Kg
84-74-2	Di-n-butylphthalate	70	U	70	49	200	ug/Kg
206-44-0	Fluoranthene	62	U	62	95.1	200	ug/Kg

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Report of Analysis

Client:				Date Collected:	9/23/2024 12:00:00 AM
Project:				Date Received:	9/23/2024 12:00:00 AM
Client Sample ID:	A4ES0			SDG No.:	BP100824
Lab Sample ID:	P4162-04			Matrix:	Solid
Analytical Method:	SFAM_SVOC			% Moisture:	13.5
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
BP022268.D	1	9/25/2024 12:00:00 AM	10/8/2024 12:00:00 AM	PB163678

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	56	U	56	49	200	ug/Kg
85-68-7	Butylbenzylphthalate	97	U	97	49	200	ug/Kg
91-94-1	3,3-Dichlorobenzidine	55	U	55	95.1	380	ug/Kg
56-55-3	Benzo(a)anthracene	31	U	31	49	200	ug/Kg
218-01-9	Chrysene	36	U	36	49	200	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	110	U	110	49	200	ug/Kg
117-84-0	Di-n-octyl phthalate	88	U	88	95.1	380	ug/Kg
205-99-2	Benzo(b)fluoranthene	38	U	38	49	200	ug/Kg
207-08-9	Benzo(k)fluoranthene	44	U	44	49	200	ug/Kg
50-32-8	Benzo(a)pyrene	37	U	37	49	200	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	36	U	36	49	200	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	32	U	32	49	200	ug/Kg
191-24-2	Benzo(g,h,i)perylene	30	U	30	49	200	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	38	U	38	49	200	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	2.727		15-120		34	SPK: -8
7291-22-7	Pyridine-d5	14.406		20-120		36	SPK: -40
4165-62-2	Phenol-d5	15.5		10-130		39	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	16.468		10-150		41	SPK: -40
93951-73-6	2-Chlorophenol-d4	16.222		15-120		41	SPK: -40
190780-66-6	4-Methylphenol-d8	15.955		10-140		40	SPK: -40
4165-60-0	Nitrobenzene-d5	16.716		10-135		42	SPK: -40
93951-78-1	2-Nitrophenol-d4	16.968		10-120		42	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	16.077		10-140		40	SPK: -40
191656-33-4	4-Chloroaniline-d4	16.31		1-145		41	SPK: -40
85448-30-2	Dimethylphthalate-d6	19.444		10-145		49	SPK: -40
93951-97-4	Acenaphthylene-d8	17.945		15-120		45	SPK: -40
93951-79-2	4-Nitrophenol-d4	16.257		10-150		41	SPK: -40
81103-79-9	Fluorene-d10	19.026		20-140		48	SPK: -40

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Report of Analysis

Client:				Date Collected:	9/23/2024 12:00:00 AM
Project:				Date Received:	9/23/2024 12:00:00 AM
Client Sample ID:	A4ES0			SDG No.:	BP100824
Lab Sample ID:	P4162-04			Matrix:	Solid
Analytical Method:	SFAM_SVOC			% Moisture:	13.5
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
BP022268.D	1	9/25/2024 12:00:00 AM	10/8/2024 12:00:00 AM	PB163678

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	15.816		10-130		40	SPK: -40
1719-06-8	Anthracene-d10	19.678		10-150		49	SPK: -40
1718-52-1	Pyrene-d10	20.088		10-130		50	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	20.361		10-140		51	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	148860	7.705				
1146-65-2	Naphthalene-d8	565889	10.457				
15067-26-2	Acenaphthene-d10	452134	14.31				
1517-22-2	Phenanthrene-d10	1067242	17.116				
1719-03-5	Chrysene-d12	1201450	21.539				
1520-96-3	Perylene-d12	1447253	24.827				
TENTATIVE IDENTIFIED COMPOUNDS							
000770-35-4	1-Phenoxypropan-2-ol	100	J			11.199	
000057-10-3	n-Hexadecanoic acid	88	J			18.039	
1000406-04-8	Pentadecafluorooctanoic acid, octa	98	J			21.21	
E966796	Total Alkanes	28	U			99	ug/Kg

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Report of Analysis

Client:				Date Collected:	9/23/2024 12:00:00 AM
Project:				Date Received:	9/23/2024 12:00:00 AM
Client Sample ID:	A4ES9			SDG No.:	BP100824
Lab Sample ID:	P4162-10			Matrix:	Solid
Analytical Method:	SFAM_SVOC			% Moisture:	11
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
BP022269.D	1	9/25/2024 12:00:00 AM	10/8/2024 12:00:00 AM	PB163678

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	12	U	12	7.4	75	ug/Kg
100-52-7	Benzaldehyde	51	U	51	92.7	370	ug/Kg
110-86-1	Pyridine	37	U	37	190	370	ug/Kg
108-95-2	Phenol	48	U	48	92.7	370	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	45	U	45	92.7	370	ug/Kg
95-57-8	2-Chlorophenol	26	U	26	47.8	190	ug/Kg
95-48-7	2-Methylphenol	44	U	44	92.7	370	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	67	U	67	92.7	370	ug/Kg
98-86-2	Acetophenone	45	U	45	92.7	370	ug/Kg
106-44-5	4-Methylphenol	42	U	42	92.7	370	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	57	U	57	47.8	190	ug/Kg
67-72-1	Hexachloroethane	20	U	20	47.8	190	ug/Kg
98-95-3	Nitrobenzene	35	U	35	47.8	190	ug/Kg
78-59-1	Isophorone	54	U	54	47.8	190	ug/Kg
88-75-5	2-Nitrophenol	35	U	35	47.8	190	ug/Kg
105-67-9	2,4-Dimethylphenol	28	U	28	47.8	190	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	48	U	48	47.8	190	ug/Kg
120-83-2	2,4-Dichlorophenol	18	U	18	47.8	190	ug/Kg
91-20-3	Naphthalene	28	U	28	47.8	190	ug/Kg
106-47-8	4-Chloroaniline	27	U	27	47.8	370	ug/Kg
87-68-3	Hexachlorobutadiene	49	U	49	47.8	190	ug/Kg
105-60-2	Caprolactam	81	U	81	92.7	370	ug/Kg
59-50-7	4-Chloro-3-methylphenol	55	U	55	47.8	190	ug/Kg
90-12-0	1-Methylnaphthalene	37	U	37	47.8	190	ug/Kg
91-57-6	2-Methylnaphthalene	26	U	26	47.8	190	ug/Kg
77-47-4	Hexachlorocyclopentadiene	110	U	110	92.7	370	ug/Kg
88-06-2	2,4,6-Trichlorophenol	55	U	55	47.8	190	ug/Kg
95-95-4	2,4,5-Trichlorophenol	44	U	44	47.8	190	ug/Kg

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Report of Analysis

Client:				Date Collected:	9/23/2024 12:00:00 AM
Project:				Date Received:	9/23/2024 12:00:00 AM
Client Sample ID:	A4ES9			SDG No.:	BP100824
Lab Sample ID:	P4162-10			Matrix:	Solid
Analytical Method:	SFAM_SVOC			% Moisture:	11
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
BP022269.D	1	9/25/2024 12:00:00 AM	10/8/2024 12:00:00 AM	PB163678

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	27	U	27	47.8	190	ug/Kg
91-58-7	2-Chloronaphthalene	29	U	29	47.8	190	ug/Kg
88-74-4	2-Nitroaniline	46	U	46	47.8	190	ug/Kg
131-11-3	Dimethylphthalate	33	U	33	47.8	190	ug/Kg
606-20-2	2,6-Dinitrotoluene	49	U	49	47.8	190	ug/Kg
208-96-8	Acenaphthylene	36	U	36	47.8	190	ug/Kg
99-09-2	3-Nitroaniline	49	U	49	92.7	370	ug/Kg
83-32-9	Acenaphthene	33	U	33	47.8	190	ug/Kg
51-28-5	2,4-Dinitrophenol	54	U	54	92.7	370	ug/Kg
100-02-7	4-Nitrophenol	49	U	49	92.7	370	ug/Kg
132-64-9	Dibenzofuran	36	U	36	47.8	190	ug/Kg
121-14-2	2,4-Dinitrotoluene	48	U	48	47.8	190	ug/Kg
84-66-2	Diethylphthalate	34	U	34	47.8	190	ug/Kg
86-73-7	Fluorene	28	U	28	47.8	190	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	22	U	22	47.8	190	ug/Kg
100-01-6	4-Nitroaniline	35	U	35	92.7	370	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	87	U	87	92.7	370	ug/Kg
86-30-6	N-Nitrosodiphenylamine	37	U	37	47.8	190	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	27	U	27	47.8	190	ug/Kg
101-55-3	4-Bromophenyl-phenylether	33	U	33	47.8	190	ug/Kg
118-74-1	Hexachlorobenzene	36	U	36	47.8	190	ug/Kg
1912-24-9	Atrazine	80	U	80	92.7	370	ug/Kg
87-86-5	Pentachlorophenol	83	U	83	92.7	370	ug/Kg
85-01-8	Phenanthrene	33	U	33	47.8	190	ug/Kg
608-93-5	Pentachlorobenzene	58	U	58	47.8	190	ug/Kg
120-12-7	Anthracene	28	U	28	47.8	190	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	56	U	56	47.8	190	ug/Kg
86-74-8	Carbazole	31	U	31	92.7	370	ug/Kg
84-74-2	Di-n-butylphthalate	69	U	69	47.8	190	ug/Kg
206-44-0	Fluoranthene	61	U	61	92.7	190	ug/Kg

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Report of Analysis

Client:				Date Collected:	9/23/2024 12:00:00 AM
Project:				Date Received:	9/23/2024 12:00:00 AM
Client Sample ID:	A4ES9			SDG No.:	BP100824
Lab Sample ID:	P4162-10			Matrix:	Solid
Analytical Method:	SFAM_SVOC			% Moisture:	11
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
BP022269.D	1	9/25/2024 12:00:00 AM	10/8/2024 12:00:00 AM	PB163678

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	55	U	55	47.8	190	ug/Kg
85-68-7	Butylbenzylphthalate	94	U	94	47.8	190	ug/Kg
91-94-1	3,3-Dichlorobenzidine	54	U	54	92.7	370	ug/Kg
56-55-3	Benzo(a)anthracene	30	U	30	47.8	190	ug/Kg
218-01-9	Chrysene	35	U	35	47.8	190	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	110	U	110	47.8	190	ug/Kg
117-84-0	Di-n-octyl phthalate	85	U	85	92.7	370	ug/Kg
205-99-2	Benzo(b)fluoranthene	37	U	37	47.8	190	ug/Kg
207-08-9	Benzo(k)fluoranthene	43	U	43	47.8	190	ug/Kg
50-32-8	Benzo(a)pyrene	36	U	36	47.8	190	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	35	U	35	47.8	190	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	31	U	31	47.8	190	ug/Kg
191-24-2	Benzo(g,h,i)perylene	29	U	29	47.8	190	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	37	U	37	47.8	190	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	2.625		15-120		33	SPK: -8
7291-22-7	Pyridine-d5	12.894		20-120		32	SPK: -40
4165-62-2	Phenol-d5	14.05		10-130		35	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	15.297		10-150		38	SPK: -40
93951-73-6	2-Chlorophenol-d4	14.815		15-120		37	SPK: -40
190780-66-6	4-Methylphenol-d8	14.433		10-140		36	SPK: -40
4165-60-0	Nitrobenzene-d5	14.87		10-135		37	SPK: -40
93951-78-1	2-Nitrophenol-d4	15.501		10-120		39	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	14.765		10-140		37	SPK: -40
191656-33-4	4-Chloroaniline-d4	15.011		1-145		38	SPK: -40
85448-30-2	Dimethylphthalate-d6	18.434		10-145		46	SPK: -40
93951-97-4	Acenaphthylene-d8	16.851		15-120		42	SPK: -40
93951-79-2	4-Nitrophenol-d4	13.406		10-150		34	SPK: -40
81103-79-9	Fluorene-d10	18.093		20-140		45	SPK: -40

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Report of Analysis

Client:				Date Collected:	9/23/2024 12:00:00 AM
Project:				Date Received:	9/23/2024 12:00:00 AM
Client Sample ID:	A4ES9			SDG No.:	BP100824
Lab Sample ID:	P4162-10			Matrix:	Solid
Analytical Method:	SFAM_SVOC			% Moisture:	11
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
BP022269.D	1	9/25/2024 12:00:00 AM	10/8/2024 12:00:00 AM	PB163678

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	12.745		10-130		32	SPK: -40
1719-06-8	Anthracene-d10	18.556		10-150		46	SPK: -40
1718-52-1	Pyrene-d10	18.728		10-130		47	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	18.98		10-140		47	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	106672	7.705				
1146-65-2	Naphthalene-d8	398639	10.463				
15067-26-2	Acenaphthene-d10	310673	14.316				
1517-22-2	Phenanthrene-d10	751708	17.11				
1719-03-5	Chrysene-d12	867146	21.533				
1520-96-3	Perylene-d12	1064698	24.827				
TENTATIVE IDENTIFIED COMPOUNDS							
000119-61-9	Benzophenone	170	J			15.687	
000057-10-3	n-Hexadecanoic acid	100	J			18.039	
E966796	Total Alkanes	27	U			99	ug/Kg

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Report of Analysis

Client:				Date Collected:	9/24/2024 12:00:00 AM
Project:				Date Received:	9/24/2024 12:00:00 AM
Client Sample ID:	A4EJ7			SDG No.:	BP100824
Lab Sample ID:	P4162-22			Matrix:	Solid
Analytical Method:	SFAM_SVOC			% Moisture:	13.8
Sample Wt/Vol:	30.1	Units:	g	Final Vol:	500 uL
Soil Aliquot Vol:			uL	Test:	
Extraction Type :			Decanted :	Level :	LOW
Injection Volume :			GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP022270.D	1	9/25/2024 12:00:00 AM	10/8/2024 12:00:00 AM	PB163678

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	13	U	13	7.6	77	ug/Kg
110-86-1	Pyridine	38	U	38	190	380	ug/Kg
100-52-7	Benzaldehyde	52	U	52	95.4	380	ug/Kg
108-95-2	Phenol	50	U	50	95.4	380	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	46	U	46	95.4	380	ug/Kg
95-57-8	2-Chlorophenol	27	U	27	49.1	200	ug/Kg
95-48-7	2-Methylphenol	45	U	45	95.4	380	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	69	U	69	95.4	380	ug/Kg
98-86-2	Acetophenone	46	U	46	95.4	380	ug/Kg
106-44-5	4-Methylphenol	43	U	43	95.4	380	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	59	U	59	49.1	200	ug/Kg
67-72-1	Hexachloroethane	21	U	21	49.1	200	ug/Kg
98-95-3	Nitrobenzene	36	U	36	49.1	200	ug/Kg
78-59-1	Isophorone	55	U	55	49.1	200	ug/Kg
88-75-5	2-Nitrophenol	36	U	36	49.1	200	ug/Kg
105-67-9	2,4-Dimethylphenol	29	U	29	49.1	200	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	50	U	50	49.1	200	ug/Kg
120-83-2	2,4-Dichlorophenol	18	U	18	49.1	200	ug/Kg
91-20-3	Naphthalene	29	U	29	49.1	200	ug/Kg
106-47-8	4-Chloroaniline	28	U	28	49.1	380	ug/Kg
87-68-3	Hexachlorobutadiene	51	U	51	49.1	200	ug/Kg
105-60-2	Caprolactam	83	U	83	95.4	380	ug/Kg
59-50-7	4-Chloro-3-methylphenol	57	U	57	49.1	200	ug/Kg
90-12-0	1-Methylnaphthalene	38	U	38	49.1	200	ug/Kg
91-57-6	2-Methylnaphthalene	27	U	27	49.1	200	ug/Kg
77-47-4	Hexachlorocyclopentadiene	110	U	110	95.4	380	ug/Kg
88-06-2	2,4,6-Trichlorophenol	57	U	57	49.1	200	ug/Kg
95-95-4	2,4,5-Trichlorophenol	45	U	45	49.1	200	ug/Kg

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Report of Analysis

Client:				Date Collected:	9/24/2024 12:00:00 AM
Project:				Date Received:	9/24/2024 12:00:00 AM
Client Sample ID:	A4EJ7			SDG No.:	BP100824
Lab Sample ID:	P4162-22			Matrix:	Solid
Analytical Method:	SFAM_SVOC			% Moisture:	13.8
Sample Wt/Vol:	30.1	Units:	g	Final Vol:	500 uL
Soil Aliquot Vol:			uL	Test:	
Extraction Type :			Decanted :	Level :	LOW
Injection Volume :			GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP022270.D	1	9/25/2024 12:00:00 AM	10/8/2024 12:00:00 AM	PB163678

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	28	U	28	49.1	200	ug/Kg
91-58-7	2-Chloronaphthalene	30	U	30	49.1	200	ug/Kg
88-74-4	2-Nitroaniline	47	U	47	49.1	200	ug/Kg
131-11-3	Dimethylphthalate	34	U	34	49.1	200	ug/Kg
606-20-2	2,6-Dinitrotoluene	51	U	51	49.1	200	ug/Kg
208-96-8	Acenaphthylene	37	U	37	49.1	200	ug/Kg
99-09-2	3-Nitroaniline	51	U	51	95.4	380	ug/Kg
83-32-9	Acenaphthene	34	U	34	49.1	200	ug/Kg
51-28-5	2,4-Dinitrophenol	55	U	55	95.4	380	ug/Kg
100-02-7	4-Nitrophenol	51	U	51	95.4	380	ug/Kg
132-64-9	Dibenzofuran	37	U	37	49.1	200	ug/Kg
121-14-2	2,4-Dinitrotoluene	50	U	50	49.1	200	ug/Kg
84-66-2	Diethylphthalate	35	U	35	49.1	200	ug/Kg
86-73-7	Fluorene	29	U	29	49.1	200	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	23	U	23	49.1	200	ug/Kg
100-01-6	4-Nitroaniline	36	U	36	95.4	380	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	89	U	89	95.4	380	ug/Kg
86-30-6	N-Nitrosodiphenylamine	38	U	38	49.1	200	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	28	U	28	49.1	200	ug/Kg
101-55-3	4-Bromophenyl-phenylether	34	U	34	49.1	200	ug/Kg
118-74-1	Hexachlorobenzene	37	U	37	49.1	200	ug/Kg
1912-24-9	Atrazine	82	U	82	95.4	380	ug/Kg
87-86-5	Pentachlorophenol	86	U	86	95.4	380	ug/Kg
85-01-8	Phenanthrene	34	U	34	49.1	200	ug/Kg
608-93-5	Pentachlorobenzene	60	U	60	49.1	200	ug/Kg
120-12-7	Anthracene	29	U	29	49.1	200	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	58	U	58	49.1	200	ug/Kg
86-74-8	Carbazole	32	U	32	95.4	380	ug/Kg
84-74-2	Di-n-butylphthalate	71	U	71	49.1	200	ug/Kg
206-44-0	Fluoranthene	62	U	62	95.4	200	ug/Kg

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Report of Analysis

Client:				Date Collected:	9/24/2024 12:00:00 AM
Project:				Date Received:	9/24/2024 12:00:00 AM
Client Sample ID:	A4EJ7			SDG No.:	BP100824
Lab Sample ID:	P4162-22			Matrix:	Solid
Analytical Method:	SFAM_SVOC			% Moisture:	13.8
Sample Wt/Vol:	30.1	Units:	g	Final Vol:	500 uL
Soil Aliquot Vol:			uL	Test:	
Extraction Type :			Decanted :	Level :	LOW
Injection Volume :			GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP022270.D	1	9/25/2024 12:00:00 AM	10/8/2024 12:00:00 AM	PB163678

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	57	U	57	49.1	200	ug/Kg
85-68-7	Butylbenzylphthalate	97	U	97	49.1	200	ug/Kg
91-94-1	3,3-Dichlorobenzidine	55	U	55	95.4	380	ug/Kg
56-55-3	Benzo(a)anthracene	31	U	31	49.1	200	ug/Kg
218-01-9	Chrysene	36	U	36	49.1	200	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	110	U	110	49.1	200	ug/Kg
117-84-0	Di-n-octyl phthalate	88	U	88	95.4	380	ug/Kg
205-99-2	Benzo(b)fluoranthene	38	U	38	49.1	200	ug/Kg
207-08-9	Benzo(k)fluoranthene	44	U	44	49.1	200	ug/Kg
50-32-8	Benzo(a)pyrene	37	U	37	49.1	200	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	36	U	36	49.1	200	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	32	U	32	49.1	200	ug/Kg
191-24-2	Benzo(g,h,i)perylene	30	U	30	49.1	200	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	38	U	38	49.1	200	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	3.168		15-120		40	SPK: -8
7291-22-7	Pyridine-d5	14.976		20-120		37	SPK: -40
4165-62-2	Phenol-d5	17.684		10-130		44	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	19.002		10-150		48	SPK: -40
93951-73-6	2-Chlorophenol-d4	18.476		15-120		46	SPK: -40
190780-66-6	4-Methylphenol-d8	18.734		10-140		47	SPK: -40
4165-60-0	Nitrobenzene-d5	18.534		10-135		46	SPK: -40
93951-78-1	2-Nitrophenol-d4	19.118		10-120		48	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	18.009		10-140		45	SPK: -40
191656-33-4	4-Chloroaniline-d4	18.756		1-145		47	SPK: -40
85448-30-2	Dimethylphthalate-d6	21.779		10-145		54	SPK: -40
93951-97-4	Acenaphthylene-d8	20.12		15-120		50	SPK: -40
93951-79-2	4-Nitrophenol-d4	14.603		10-150		37	SPK: -40
81103-79-9	Fluorene-d10	20.852		20-140		52	SPK: -40

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Report of Analysis

Client:				Date Collected:	9/24/2024 12:00:00 AM
Project:				Date Received:	9/24/2024 12:00:00 AM
Client Sample ID:	A4EJ7			SDG No.:	BP100824
Lab Sample ID:	P4162-22			Matrix:	Solid
Analytical Method:	SFAM_SVOC			% Moisture:	13.8
Sample Wt/Vol:	30.1	Units:	g	Final Vol:	500 uL
Soil Aliquot Vol:			uL	Test:	
Extraction Type :			Decanted :	Level :	LOW
Injection Volume :			GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP022270.D	1	9/25/2024 12:00:00 AM	10/8/2024 12:00:00 AM	PB163678

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	14.946		10-130		37	SPK: -40
1719-06-8	Anthracene-d10	21.576		10-150		54	SPK: -40
1718-52-1	Pyrene-d10	21.211		10-130		53	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	21.155		10-140		53	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	108112	7.705				
1146-65-2	Naphthalene-d8	420810	10.457				
15067-26-2	Acenaphthene-d10	338478	14.304				
1517-22-2	Phenanthrene-d10	812784	17.104				
1719-03-5	Chrysene-d12	939604	21.545				
1520-96-3	Perylene-d12	1187614	24.833				
TENTATIVE IDENTIFIED COMPOUNDS							
000119-61-9	Benzophenone	180	J			15.693	
000057-10-3	n-Hexadecanoic acid	170	J			18.045	
015594-90-8	1-Heneicosanol	99	J			21.21	
E966796	Total Alkanes	28	U			99	ug/Kg

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Report of Analysis

Client:				Date Collected:	9/24/2024 12:00:00 AM
Project:				Date Received:	9/24/2024 12:00:00 AM
Client Sample ID:	A4EJ4			SDG No.:	BP100824
Lab Sample ID:	P4162-19			Matrix:	Solid
Analytical Method:	SFAM_SVOC			% Moisture:	34.9
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
BP022271.D	1	9/25/2024 12:00:00 AM	10/8/2024 12:00:00 AM	PB163678

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	17	U	17	10.1	100	ug/Kg
100-52-7	Benzaldehyde	69	U	69	130	510	ug/Kg
110-86-1	Pyridine	51	U	51	250	510	ug/Kg
108-95-2	Phenol	66	U	66	130	510	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	61	U	61	130	510	ug/Kg
95-57-8	2-Chlorophenol	35	U	35	65.3	260	ug/Kg
95-48-7	2-Methylphenol	60	U	60	130	510	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	92	U	92	130	510	ug/Kg
98-86-2	Acetophenone	61	J	61	130	510	ug/Kg
106-44-5	4-Methylphenol	57	U	57	130	510	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	78	U	78	65.3	260	ug/Kg
67-72-1	Hexachloroethane	28	U	28	65.3	260	ug/Kg
98-95-3	Nitrobenzene	48	U	48	65.3	260	ug/Kg
78-59-1	Isophorone	74	U	74	65.3	260	ug/Kg
88-75-5	2-Nitrophenol	48	U	48	65.3	260	ug/Kg
105-67-9	2,4-Dimethylphenol	38	U	38	65.3	260	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	66	U	66	65.3	260	ug/Kg
120-83-2	2,4-Dichlorophenol	25	U	25	65.3	260	ug/Kg
91-20-3	Naphthalene	38	U	38	65.3	260	ug/Kg
106-47-8	4-Chloroaniline	37	U	37	65.3	510	ug/Kg
87-68-3	Hexachlorobutadiene	68	U	68	65.3	260	ug/Kg
105-60-2	Caprolactam	110	U	110	130	510	ug/Kg
59-50-7	4-Chloro-3-methylphenol	75	U	75	65.3	260	ug/Kg
90-12-0	1-Methylnaphthalene	51	U	51	65.3	260	ug/Kg
91-57-6	2-Methylnaphthalene	35	U	35	65.3	260	ug/Kg
77-47-4	Hexachlorocyclopentadiene	150	U	150	130	510	ug/Kg
88-06-2	2,4,6-Trichlorophenol	75	U	75	65.3	260	ug/Kg
95-95-4	2,4,5-Trichlorophenol	60	U	60	65.3	260	ug/Kg

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Report of Analysis

Client:				Date Collected:	9/24/2024 12:00:00 AM
Project:				Date Received:	9/24/2024 12:00:00 AM
Client Sample ID:	A4EJ4			SDG No.:	BP100824
Lab Sample ID:	P4162-19			Matrix:	Solid
Analytical Method:	SFAM_SVOC			% Moisture:	34.9
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
BP022271.D	1	9/25/2024 12:00:00 AM	10/8/2024 12:00:00 AM	PB163678

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	37	U	37	65.3	260	ug/Kg
91-58-7	2-Chloronaphthalene	40	U	40	65.3	260	ug/Kg
88-74-4	2-Nitroaniline	63	U	63	65.3	260	ug/Kg
131-11-3	Dimethylphthalate	45	U	45	65.3	260	ug/Kg
606-20-2	2,6-Dinitrotoluene	68	U	68	65.3	260	ug/Kg
208-96-8	Acenaphthylene	49	U	49	65.3	260	ug/Kg
99-09-2	3-Nitroaniline	68	U	68	130	510	ug/Kg
83-32-9	Acenaphthene	45	U	45	65.3	260	ug/Kg
51-28-5	2,4-Dinitrophenol	74	U	74	130	510	ug/Kg
100-02-7	4-Nitrophenol	68	U	68	130	510	ug/Kg
132-64-9	Dibenzofuran	49	U	49	65.3	260	ug/Kg
121-14-2	2,4-Dinitrotoluene	66	U	66	65.3	260	ug/Kg
84-66-2	Diethylphthalate	46	U	46	65.3	260	ug/Kg
86-73-7	Fluorene	38	U	38	65.3	260	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	31	U	31	65.3	260	ug/Kg
100-01-6	4-Nitroaniline	48	U	48	130	510	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	120	U	120	130	510	ug/Kg
86-30-6	N-Nitrosodiphenylamine	51	U	51	65.3	260	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	37	U	37	65.3	260	ug/Kg
101-55-3	4-Bromophenyl-phenylether	45	U	45	65.3	260	ug/Kg
118-74-1	Hexachlorobenzene	49	U	49	65.3	260	ug/Kg
1912-24-9	Atrazine	110	U	110	130	510	ug/Kg
87-86-5	Pentachlorophenol	110	U	110	130	510	ug/Kg
85-01-8	Phenanthrene	45	U	45	65.3	260	ug/Kg
608-93-5	Pentachlorobenzene	80	U	80	65.3	260	ug/Kg
120-12-7	Anthracene	38	U	38	65.3	260	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	77	U	77	65.3	260	ug/Kg
86-74-8	Carbazole	43	U	43	130	510	ug/Kg
84-74-2	Di-n-butylphthalate	94	U	94	65.3	260	ug/Kg
206-44-0	Fluoranthene	83	U	83	130	260	ug/Kg

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Report of Analysis

Client:				Date Collected:	9/24/2024 12:00:00 AM
Project:				Date Received:	9/24/2024 12:00:00 AM
Client Sample ID:	A4EJ4			SDG No.:	BP100824
Lab Sample ID:	P4162-19			Matrix:	Solid
Analytical Method:	SFAM_SVOC			% Moisture:	34.9
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
BP022271.D	1	9/25/2024 12:00:00 AM	10/8/2024 12:00:00 AM	PB163678

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	75	U	75	65.3	260	ug/Kg
85-68-7	Butylbenzylphthalate	130	U	130	65.3	260	ug/Kg
91-94-1	3,3-Dichlorobenzidine	74	U	74	130	510	ug/Kg
56-55-3	Benzo(a)anthracene	41	U	41	65.3	260	ug/Kg
218-01-9	Chrysene	48	U	48	65.3	260	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	150	U	150	65.3	260	ug/Kg
117-84-0	Di-n-octyl phthalate	120	U	120	130	510	ug/Kg
205-99-2	Benzo(b)fluoranthene	51	U	51	65.3	260	ug/Kg
207-08-9	Benzo(k)fluoranthene	58	U	58	65.3	260	ug/Kg
50-32-8	Benzo(a)pyrene	49	U	49	65.3	260	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	48	U	48	65.3	260	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	43	U	43	65.3	260	ug/Kg
191-24-2	Benzo(g,h,i)perylene	40	U	40	65.3	260	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	51	U	51	65.3	260	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	1.682		15-120		21	SPK: -8
7291-22-7	Pyridine-d5	0.265	*	20-120		1	SPK: -40
4165-62-2	Phenol-d5	7.468		10-130		19	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	8.678		10-150		22	SPK: -40
93951-73-6	2-Chlorophenol-d4	8.498		15-120		21	SPK: -40
190780-66-6	4-Methylphenol-d8	5.649		10-140		14	SPK: -40
4165-60-0	Nitrobenzene-d5	8.461		10-135		21	SPK: -40
93951-78-1	2-Nitrophenol-d4	7.963		10-120		20	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	7.788		10-140		19	SPK: -40
191656-33-4	4-Chloroaniline-d4	6.76		1-145		17	SPK: -40
85448-30-2	Dimethylphthalate-d6	9.374		10-145		23	SPK: -40
93951-97-4	Acenaphthylene-d8	8.57		15-120		21	SPK: -40
93951-79-2	4-Nitrophenol-d4	5.366		10-150		13	SPK: -40
81103-79-9	Fluorene-d10	9.582		20-140		24	SPK: -40

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Report of Analysis

Client:				Date Collected:	9/24/2024 12:00:00 AM
Project:				Date Received:	9/24/2024 12:00:00 AM
Client Sample ID:	A4EJ4			SDG No.:	BP100824
Lab Sample ID:	P4162-19			Matrix:	Solid
Analytical Method:	SFAM_SVOC			% Moisture:	34.9
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
BP022271.D	1	9/25/2024 12:00:00 AM	10/8/2024 12:00:00 AM	PB163678

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	5.385		10-130		13	SPK: -40
1719-06-8	Anthracene-d10	9.286		10-150		23	SPK: -40
1718-52-1	Pyrene-d10	7.433		10-130		19	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	5.049		10-140		13	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	96031	7.699				
1146-65-2	Naphthalene-d8	355273	10.457				
15067-26-2	Acenaphthene-d10	280543	14.31				
1517-22-2	Phenanthrene-d10	680749	17.104				
1719-03-5	Chrysene-d12	808855	21.539				
1520-96-3	Perylene-d12	1020974	24.815				
TENTATIVE IDENTIFIED COMPOUNDS							
000057-10-3	n-Hexadecanoic acid	110	J			18.033	
E966796	Total Alkanes	37	U			99	ug/Kg

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Report of Analysis

Client:				Date Collected:	9/23/2024 12:00:00 AM
Project:				Date Received:	9/23/2024 12:00:00 AM
Client Sample ID:	A4ES6			SDG No.:	BP100824
Lab Sample ID:	P4162-07			Matrix:	Solid
Analytical Method:	SFAM_SVOC			% Moisture:	36.2
Sample Wt/Vol:	30	Units:	g	Final Vol:	500 uL
Soil Aliquot Vol:			uL	Test:	
Extraction Type :			Decanted :	Level :	LOW
Injection Volume :			GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP022272.D	1	9/25/2024 12:00:00 AM	10/8/2024 12:00:00 AM	PB163678

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	17	U	17	10.3	100	ug/Kg
100-52-7	Benzaldehyde	71	U	71	130	520	ug/Kg
110-86-1	Pyridine	52	U	52	260	520	ug/Kg
108-95-2	Phenol	67	U	67	130	520	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	63	U	63	130	520	ug/Kg
95-57-8	2-Chlorophenol	36	U	36	66.6	270	ug/Kg
95-48-7	2-Methylphenol	61	U	61	130	520	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	94	U	94	130	520	ug/Kg
98-86-2	Acetophenone	63	U	63	130	520	ug/Kg
106-44-5	4-Methylphenol	58	U	58	130	520	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	80	U	80	66.6	270	ug/Kg
67-72-1	Hexachloroethane	28	U	28	66.6	270	ug/Kg
98-95-3	Nitrobenzene	49	U	49	66.6	270	ug/Kg
78-59-1	Isophorone	75	U	75	66.6	270	ug/Kg
88-75-5	2-Nitrophenol	49	U	49	66.6	270	ug/Kg
105-67-9	2,4-Dimethylphenol	39	U	39	66.6	270	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	67	U	67	66.6	270	ug/Kg
120-83-2	2,4-Dichlorophenol	25	U	25	66.6	270	ug/Kg
91-20-3	Naphthalene	39	U	39	66.6	270	ug/Kg
106-47-8	4-Chloroaniline	38	U	38	66.6	520	ug/Kg
87-68-3	Hexachlorobutadiene	69	U	69	66.6	270	ug/Kg
105-60-2	Caprolactam	110	U	110	130	520	ug/Kg
59-50-7	4-Chloro-3-methylphenol	77	U	77	66.6	270	ug/Kg
90-12-0	1-Methylnaphthalene	52	U	52	66.6	270	ug/Kg
91-57-6	2-Methylnaphthalene	36	U	36	66.6	270	ug/Kg
77-47-4	Hexachlorocyclopentadiene	150	U	150	130	520	ug/Kg
88-06-2	2,4,6-Trichlorophenol	77	U	77	66.6	270	ug/Kg
95-95-4	2,4,5-Trichlorophenol	61	U	61	66.6	270	ug/Kg

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Report of Analysis

Client:				Date Collected:	9/23/2024 12:00:00 AM
Project:				Date Received:	9/23/2024 12:00:00 AM
Client Sample ID:	A4ES6			SDG No.:	BP100824
Lab Sample ID:	P4162-07			Matrix:	Solid
Analytical Method:	SFAM_SVOC			% Moisture:	36.2
Sample Wt/Vol:	30	Units:	g	Final Vol:	500 uL
Soil Aliquot Vol:			uL	Test:	
Extraction Type :			Decanted :	Level :	LOW
Injection Volume :			GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP022272.D	1	9/25/2024 12:00:00 AM	10/8/2024 12:00:00 AM	PB163678

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	38	U	38	66.6	270	ug/Kg
91-58-7	2-Chloronaphthalene	41	U	41	66.6	270	ug/Kg
88-74-4	2-Nitroaniline	64	U	64	66.6	270	ug/Kg
131-11-3	Dimethylphthalate	45	U	45	66.6	270	ug/Kg
606-20-2	2,6-Dinitrotoluene	69	U	69	66.6	270	ug/Kg
208-96-8	Acenaphthylene	50	U	50	66.6	270	ug/Kg
99-09-2	3-Nitroaniline	69	U	69	130	520	ug/Kg
83-32-9	Acenaphthene	45	U	45	66.6	270	ug/Kg
51-28-5	2,4-Dinitrophenol	75	U	75	130	520	ug/Kg
100-02-7	4-Nitrophenol	69	U	69	130	520	ug/Kg
132-64-9	Dibenzofuran	50	U	50	66.6	270	ug/Kg
121-14-2	2,4-Dinitrotoluene	67	U	67	66.6	270	ug/Kg
84-66-2	Diethylphthalate	47	U	47	66.6	270	ug/Kg
86-73-7	Fluorene	39	U	39	66.6	270	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	31	U	31	66.6	270	ug/Kg
100-01-6	4-Nitroaniline	49	U	49	130	520	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	120	U	120	130	520	ug/Kg
86-30-6	N-Nitrosodiphenylamine	52	U	52	66.6	270	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	38	U	38	66.6	270	ug/Kg
101-55-3	4-Bromophenyl-phenylether	45	U	45	66.6	270	ug/Kg
118-74-1	Hexachlorobenzene	50	U	50	66.6	270	ug/Kg
1912-24-9	Atrazine	110	U	110	130	520	ug/Kg
87-86-5	Pentachlorophenol	120	U	120	130	520	ug/Kg
85-01-8	Phenanthrene	45	U	45	66.6	270	ug/Kg
608-93-5	Pentachlorobenzene	82	U	82	66.6	270	ug/Kg
120-12-7	Anthracene	39	U	39	66.6	270	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	78	U	78	66.6	270	ug/Kg
86-74-8	Carbazole	44	U	44	130	520	ug/Kg
84-74-2	Di-n-butylphthalate	96	U	96	66.6	270	ug/Kg
206-44-0	Fluoranthene	85	U	85	130	270	ug/Kg

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Report of Analysis

Client:				Date Collected:	9/23/2024 12:00:00 AM
Project:				Date Received:	9/23/2024 12:00:00 AM
Client Sample ID:	A4ES6			SDG No.:	BP100824
Lab Sample ID:	P4162-07			Matrix:	Solid
Analytical Method:	SFAM_SVOC			% Moisture:	36.2
Sample Wt/Vol:	30	Units:	g	Final Vol:	500 uL
Soil Aliquot Vol:			uL	Test:	
Extraction Type :			Decanted :	Level :	LOW
Injection Volume :			GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP022272.D	1	9/25/2024 12:00:00 AM	10/8/2024 12:00:00 AM	PB163678

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	77	U	77	66.6	270	ug/Kg
85-68-7	Butylbenzylphthalate	130	U	130	66.6	270	ug/Kg
91-94-1	3,3-Dichlorobenzidine	75	U	75	130	520	ug/Kg
56-55-3	Benzo(a)anthracene	42	U	42	66.6	270	ug/Kg
218-01-9	Chrysene	49	U	49	66.6	270	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	150	U	150	66.6	270	ug/Kg
117-84-0	Di-n-octyl phthalate	120	U	120	130	520	ug/Kg
205-99-2	Benzo(b)fluoranthene	52	U	52	66.6	270	ug/Kg
207-08-9	Benzo(k)fluoranthene	60	U	60	66.6	270	ug/Kg
50-32-8	Benzo(a)pyrene	50	U	50	66.6	270	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	49	U	49	66.6	270	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	44	U	44	66.6	270	ug/Kg
191-24-2	Benzo(g,h,i)perylene	41	U	41	66.6	270	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	52	U	52	66.6	270	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	2.937		15-120		37	SPK: -8
7291-22-7	Pyridine-d5	14.418		20-120		36	SPK: -40
4165-62-2	Phenol-d5	16.916		10-130		42	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	17.077		10-150		43	SPK: -40
93951-73-6	2-Chlorophenol-d4	17.286		15-120		43	SPK: -40
190780-66-6	4-Methylphenol-d8	17.942		10-140		45	SPK: -40
4165-60-0	Nitrobenzene-d5	17.438		10-135		44	SPK: -40
93951-78-1	2-Nitrophenol-d4	17.75		10-120		44	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	18.085		10-140		45	SPK: -40
191656-33-4	4-Chloroaniline-d4	17.082		1-145		43	SPK: -40
85448-30-2	Dimethylphthalate-d6	20.178		10-145		50	SPK: -40
93951-97-4	Acenaphthylene-d8	19.323		15-120		48	SPK: -40
93951-79-2	4-Nitrophenol-d4	17.499		10-150		44	SPK: -40
81103-79-9	Fluorene-d10	20.349		20-140		51	SPK: -40

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Report of Analysis

Client:				Date Collected:	9/23/2024 12:00:00 AM
Project:				Date Received:	9/23/2024 12:00:00 AM
Client Sample ID:	A4ES6			SDG No.:	BP100824
Lab Sample ID:	P4162-07			Matrix:	Solid
Analytical Method:	SFAM_SVOC			% Moisture:	36.2
Sample Wt/Vol:	30	Units:	g	Final Vol:	500 uL
Soil Aliquot Vol:			uL	Test:	
Extraction Type :			Decanted :	Level :	LOW
Injection Volume :			GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP022272.D	1	9/25/2024 12:00:00 AM	10/8/2024 12:00:00 AM	PB163678

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	15.187		10-130		38	SPK: -40
1719-06-8	Anthracene-d10	20.642		10-150		52	SPK: -40
1718-52-1	Pyrene-d10	19.287		10-130		48	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	20.653		10-140		52	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	97341	7.705				
1146-65-2	Naphthalene-d8	368845	10.463				
15067-26-2	Acenaphthene-d10	286960	14.304				
1517-22-2	Phenanthrene-d10	710946	17.11				
1719-03-5	Chrysene-d12	907076	21.545				
1520-96-3	Perylene-d12	1125674	24.827				
TENTATIVE IDENTIFIED COMPOUNDS							
000770-35-4	1-Phenoxypropan-2-ol	110	J			11.199	
000057-10-3	n-Hexadecanoic acid	500	J			18.045	
000057-11-4	Octadecanoic acid	160	J			19.381	
1000406-04-8	Pentadecafluorooctanoic acid, octa	200	J			21.216	
000112-84-5	13-Docosenamide, (Z)-	570	J			23.104	
E966796	Total Alkanes	38	U			99	ug/Kg

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Report of Analysis

Client:				Date Collected:	9/23/2024 12:00:00 AM
Project:				Date Received:	9/23/2024 12:00:00 AM
Client Sample ID:	A4ER9			SDG No.:	BP100824
Lab Sample ID:	P4162-03			Matrix:	Solid
Analytical Method:	SFAM_SVOC			% Moisture:	58.6
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
BP022273.D	1	9/25/2024 12:00:00 AM	10/8/2024 12:00:00 AM	PB163678

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	26	U	26	15.9	160	ug/Kg
100-52-7	Benzaldehyde	110	U	110	200	790	ug/Kg
110-86-1	Pyridine	79	U	79	400	790	ug/Kg
108-95-2	Phenol	100	U	100	200	790	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	96	U	96	200	790	ug/Kg
95-57-8	2-Chlorophenol	55	U	55	100	410	ug/Kg
95-48-7	2-Methylphenol	94	U	94	200	790	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	140	U	140	200	790	ug/Kg
98-86-2	Acetophenone	96	U	96	200	790	ug/Kg
106-44-5	4-Methylphenol	89	U	89	200	790	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	120	U	120	100	410	ug/Kg
67-72-1	Hexachloroethane	43	U	43	100	410	ug/Kg
98-95-3	Nitrobenzene	75	U	75	100	410	ug/Kg
78-59-1	Isophorone	120	U	120	100	410	ug/Kg
88-75-5	2-Nitrophenol	75	U	75	100	410	ug/Kg
105-67-9	2,4-Dimethylphenol	60	U	60	100	410	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	100	U	100	100	410	ug/Kg
120-83-2	2,4-Dichlorophenol	39	U	39	100	410	ug/Kg
91-20-3	Naphthalene	60	U	60	100	410	ug/Kg
106-47-8	4-Chloroaniline	58	U	58	100	790	ug/Kg
87-68-3	Hexachlorobutadiene	110	U	110	100	410	ug/Kg
105-60-2	Caprolactam	170	U	170	200	790	ug/Kg
59-50-7	4-Chloro-3-methylphenol	120	U	120	100	410	ug/Kg
90-12-0	1-Methylnaphthalene	79	U	79	100	410	ug/Kg
91-57-6	2-Methylnaphthalene	55	U	55	100	410	ug/Kg
77-47-4	Hexachlorocyclopentadiene	230	U	230	200	790	ug/Kg
88-06-2	2,4,6-Trichlorophenol	120	U	120	100	410	ug/Kg
95-95-4	2,4,5-Trichlorophenol	94	U	94	100	410	ug/Kg

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Report of Analysis

Client:				Date Collected:	9/23/2024 12:00:00 AM
Project:				Date Received:	9/23/2024 12:00:00 AM
Client Sample ID:	A4ER9			SDG No.:	BP100824
Lab Sample ID:	P4162-03			Matrix:	Solid
Analytical Method:	SFAM_SVOC			% Moisture:	58.6
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
BP022273.D	1	9/25/2024 12:00:00 AM	10/8/2024 12:00:00 AM	PB163678

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	58	U	58	100	410	ug/Kg
91-58-7	2-Chloronaphthalene	63	U	63	100	410	ug/Kg
88-74-4	2-Nitroaniline	99	U	99	100	410	ug/Kg
131-11-3	Dimethylphthalate	70	U	70	100	410	ug/Kg
606-20-2	2,6-Dinitrotoluene	110	U	110	100	410	ug/Kg
208-96-8	Acenaphthylene	77	U	77	100	410	ug/Kg
99-09-2	3-Nitroaniline	110	U	110	200	790	ug/Kg
83-32-9	Acenaphthene	70	U	70	100	410	ug/Kg
51-28-5	2,4-Dinitrophenol	120	U	120	200	790	ug/Kg
100-02-7	4-Nitrophenol	110	U	110	200	790	ug/Kg
132-64-9	Dibenzofuran	77	U	77	100	410	ug/Kg
121-14-2	2,4-Dinitrotoluene	100	U	100	100	410	ug/Kg
84-66-2	Diethylphthalate	72	U	72	100	410	ug/Kg
86-73-7	Fluorene	60	U	60	100	410	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	48	U	48	100	410	ug/Kg
100-01-6	4-Nitroaniline	75	U	75	200	790	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	190	U	190	200	790	ug/Kg
86-30-6	N-Nitrosodiphenylamine	79	U	79	100	410	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	58	U	58	100	410	ug/Kg
101-55-3	4-Bromophenyl-phenylether	70	U	70	100	410	ug/Kg
118-74-1	Hexachlorobenzene	77	U	77	100	410	ug/Kg
1912-24-9	Atrazine	170	U	170	200	790	ug/Kg
87-86-5	Pentachlorophenol	180	U	180	200	790	ug/Kg
85-01-8	Phenanthrene	70	U	70	100	410	ug/Kg
608-93-5	Pentachlorobenzene	130	U	130	100	410	ug/Kg
120-12-7	Anthracene	60	U	60	100	410	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	120	U	120	100	410	ug/Kg
86-74-8	Carbazole	67	U	67	200	790	ug/Kg
84-74-2	Di-n-butylphthalate	150	U	150	100	410	ug/Kg
206-44-0	Fluoranthene	130	J	130	200	410	ug/Kg

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Report of Analysis

Client:				Date Collected:	9/23/2024 12:00:00 AM
Project:				Date Received:	9/23/2024 12:00:00 AM
Client Sample ID:	A4ER9			SDG No.:	BP100824
Lab Sample ID:	P4162-03			Matrix:	Solid
Analytical Method:	SFAM_SVOC			% Moisture:	58.6
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
BP022273.D	1	9/25/2024 12:00:00 AM	10/8/2024 12:00:00 AM	PB163678

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	120	J	120	100	410	ug/Kg
85-68-7	Butylbenzylphthalate	200	U	200	100	410	ug/Kg
91-94-1	3,3-Dichlorobenzidine	120	U	120	200	790	ug/Kg
56-55-3	Benzo(a)anthracene	65	U	65	100	410	ug/Kg
218-01-9	Chrysene	75	U	75	100	410	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	230	U	230	100	410	ug/Kg
117-84-0	Di-n-octyl phthalate	180	U	180	200	790	ug/Kg
205-99-2	Benzo(b)fluoranthene	79	U	79	100	410	ug/Kg
207-08-9	Benzo(k)fluoranthene	91	U	91	100	410	ug/Kg
50-32-8	Benzo(a)pyrene	77	U	77	100	410	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	75	U	75	100	410	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	67	U	67	100	410	ug/Kg
191-24-2	Benzo(g,h,i)perylene	63	U	63	100	410	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	79	U	79	100	410	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	3.403		15-120		43	SPK: -8
7291-22-7	Pyridine-d5	17.961		20-120		45	SPK: -40
4165-62-2	Phenol-d5	22.093		10-130		55	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	21.891		10-150		55	SPK: -40
93951-73-6	2-Chlorophenol-d4	22.275		15-120		56	SPK: -40
190780-66-6	4-Methylphenol-d8	24.11		10-140		60	SPK: -40
4165-60-0	Nitrobenzene-d5	23.059		10-135		58	SPK: -40
93951-78-1	2-Nitrophenol-d4	24.57		10-120		61	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	24.701		10-140		62	SPK: -40
191656-33-4	4-Chloroaniline-d4	23.184		1-145		58	SPK: -40
85448-30-2	Dimethylphthalate-d6	29.793		10-145		74	SPK: -40
93951-97-4	Acenaphthylene-d8	28.252		15-120		71	SPK: -40
93951-79-2	4-Nitrophenol-d4	25.589		10-150		64	SPK: -40
81103-79-9	Fluorene-d10	30.279		20-140		76	SPK: -40

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Report of Analysis

Client:				Date Collected:	9/23/2024 12:00:00 AM
Project:				Date Received:	9/23/2024 12:00:00 AM
Client Sample ID:	A4ER9			SDG No.:	BP100824
Lab Sample ID:	P4162-03			Matrix:	Solid
Analytical Method:	SFAM_SVOC			% Moisture:	58.6
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
BP022273.D	1	9/25/2024 12:00:00 AM	10/8/2024 12:00:00 AM	PB163678

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	24.475		10-130		61	SPK: -40
1719-06-8	Anthracene-d10	31.714		10-150		79	SPK: -40
1718-52-1	Pyrene-d10	31.448		10-130		79	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	31.601		10-140		79	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	112574	7.705				
1146-65-2	Naphthalene-d8	440084	10.463				
15067-26-2	Acenaphthene-d10	347143	14.316				
1517-22-2	Phenanthrene-d10	837936	17.11				
1719-03-5	Chrysene-d12	967036	21.551				
1520-96-3	Perylene-d12	1155775	24.839				
TENTATIVE IDENTIFIED COMPOUNDS							
000057-55-6	Propylene Glycol	240	J			3.493	
000111-90-0	Ethanol, 2-(2-ethoxyethoxy)-	170	J			7.311	
000770-35-4	1-Phenoxypropan-2-ol	350	J			11.193	
000057-10-3	n-Hexadecanoic acid	300	J			18.04	
1000406-04-8	Pentadecafluorooctanoic acid, octa	430	J			21.222	
E966796	Total Alkanes	58	U			99	ug/Kg

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Report of Analysis

Client:				Date Collected:	9/25/2024 12:00:00 AM
Project:				Date Received:	9/25/2024 12:00:00 AM
Client Sample ID:	SBLK678			SDG No.:	BP100824
Lab Sample ID:	PB163678BL			Matrix:	Solid
Analytical Method:	SFAM_SVOC			% 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
BP022275.D	1	9/25/2024 12:00:00 AM	10/8/2024 12:00:00 AM	PB163678

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	11	U	11	6.6	67	ug/Kg
100-52-7	Benzaldehyde	45	U	45	82.5	330	ug/Kg
110-86-1	Pyridine	33	U	33	170	330	ug/Kg
108-95-2	Phenol	43	U	43	82.5	330	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	40	U	40	82.5	330	ug/Kg
95-57-8	2-Chlorophenol	23	U	23	42.5	170	ug/Kg
95-48-7	2-Methylphenol	39	U	39	82.5	330	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	60	U	60	82.5	330	ug/Kg
98-86-2	Acetophenone	40	U	40	82.5	330	ug/Kg
106-44-5	4-Methylphenol	37	U	37	82.5	330	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	51	U	51	42.5	170	ug/Kg
67-72-1	Hexachloroethane	18	U	18	42.5	170	ug/Kg
98-95-3	Nitrobenzene	31	U	31	42.5	170	ug/Kg
78-59-1	Isophorone	48	U	48	42.5	170	ug/Kg
88-75-5	2-Nitrophenol	31	U	31	42.5	170	ug/Kg
105-67-9	2,4-Dimethylphenol	25	U	25	42.5	170	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	43	U	43	42.5	170	ug/Kg
120-83-2	2,4-Dichlorophenol	16	U	16	42.5	170	ug/Kg
91-20-3	Naphthalene	25	U	25	42.5	170	ug/Kg
106-47-8	4-Chloroaniline	24	U	24	42.5	330	ug/Kg
87-68-3	Hexachlorobutadiene	44	U	44	42.5	170	ug/Kg
105-60-2	Caprolactam	72	U	72	82.5	330	ug/Kg
59-50-7	4-Chloro-3-methylphenol	49	U	49	42.5	170	ug/Kg
90-12-0	1-Methylnaphthalene	33	U	33	42.5	170	ug/Kg
91-57-6	2-Methylnaphthalene	23	U	23	42.5	170	ug/Kg
77-47-4	Hexachlorocyclopentadiene	95	U	95	82.5	330	ug/Kg
88-06-2	2,4,6-Trichlorophenol	49	U	49	42.5	170	ug/Kg
95-95-4	2,4,5-Trichlorophenol	39	U	39	42.5	170	ug/Kg

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Report of Analysis

Client:				Date Collected:	9/25/2024 12:00:00 AM
Project:				Date Received:	9/25/2024 12:00:00 AM
Client Sample ID:	SBLK678			SDG No.:	BP100824
Lab Sample ID:	PB163678BL			Matrix:	Solid
Analytical Method:	SFAM_SVOC			% 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
BP022275.D	1	9/25/2024 12:00:00 AM	10/8/2024 12:00:00 AM	PB163678

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	24	U	24	42.5	170	ug/Kg
91-58-7	2-Chloronaphthalene	26	U	26	42.5	170	ug/Kg
88-74-4	2-Nitroaniline	41	U	41	42.5	170	ug/Kg
131-11-3	Dimethylphthalate	29	U	29	42.5	170	ug/Kg
606-20-2	2,6-Dinitrotoluene	44	U	44	42.5	170	ug/Kg
208-96-8	Acenaphthylene	32	U	32	42.5	170	ug/Kg
99-09-2	3-Nitroaniline	44	U	44	82.5	330	ug/Kg
83-32-9	Acenaphthene	29	U	29	42.5	170	ug/Kg
51-28-5	2,4-Dinitrophenol	48	U	48	82.5	330	ug/Kg
100-02-7	4-Nitrophenol	44	U	44	82.5	330	ug/Kg
132-64-9	Dibenzofuran	32	U	32	42.5	170	ug/Kg
121-14-2	2,4-Dinitrotoluene	43	U	43	42.5	170	ug/Kg
84-66-2	Diethylphthalate	30	U	30	42.5	170	ug/Kg
86-73-7	Fluorene	25	U	25	42.5	170	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	20	U	20	42.5	170	ug/Kg
100-01-6	4-Nitroaniline	31	U	31	82.5	330	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	77	U	77	82.5	330	ug/Kg
86-30-6	N-Nitrosodiphenylamine	33	U	33	42.5	170	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	24	U	24	42.5	170	ug/Kg
101-55-3	4-Bromophenyl-phenylether	29	U	29	42.5	170	ug/Kg
118-74-1	Hexachlorobenzene	32	U	32	42.5	170	ug/Kg
1912-24-9	Atrazine	71	U	71	82.5	330	ug/Kg
87-86-5	Pentachlorophenol	74	U	74	82.5	330	ug/Kg
85-01-8	Phenanthrene	29	U	29	42.5	170	ug/Kg
608-93-5	Pentachlorobenzene	52	U	52	42.5	170	ug/Kg
120-12-7	Anthracene	25	U	25	42.5	170	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	50	U	50	42.5	170	ug/Kg
86-74-8	Carbazole	28	U	28	82.5	330	ug/Kg
84-74-2	Di-n-butylphthalate	61	U	61	42.5	170	ug/Kg
206-44-0	Fluoranthene	54	U	54	82.5	170	ug/Kg

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Report of Analysis

Client:				Date Collected:	9/25/2024 12:00:00 AM
Project:				Date Received:	9/25/2024 12:00:00 AM
Client Sample ID:	SBLK678			SDG No.:	BP100824
Lab Sample ID:	PB163678BL			Matrix:	Solid
Analytical Method:	SFAM_SVOC			% 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
BP022275.D	1	9/25/2024 12:00:00 AM	10/8/2024 12:00:00 AM	PB163678

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	49	U	49	42.5	170	ug/Kg
85-68-7	Butylbenzylphthalate	84	U	84	42.5	170	ug/Kg
91-94-1	3,3-Dichlorobenzidine	48	U	48	82.5	330	ug/Kg
56-55-3	Benzo(a)anthracene	27	U	27	42.5	170	ug/Kg
218-01-9	Chrysene	31	U	31	42.5	170	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	96	U	96	42.5	170	ug/Kg
117-84-0	Di-n-octyl phthalate	76	U	76	82.5	330	ug/Kg
205-99-2	Benzo(b)fluoranthene	33	U	33	42.5	170	ug/Kg
207-08-9	Benzo(k)fluoranthene	38	U	38	42.5	170	ug/Kg
50-32-8	Benzo(a)pyrene	32	U	32	42.5	170	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	31	U	31	42.5	170	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	28	U	28	42.5	170	ug/Kg
191-24-2	Benzo(g,h,i)perylene	26	U	26	42.5	170	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	33	U	33	42.5	170	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	4.305		15-120		54	SPK: -8
7291-22-7	Pyridine-d5	21.243		20-120		53	SPK: -40
4165-62-2	Phenol-d5	21.294		10-130		53	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	22.021		10-150		55	SPK: -40
93951-73-6	2-Chlorophenol-d4	22.598		15-120		56	SPK: -40
190780-66-6	4-Methylphenol-d8	21.564		10-140		54	SPK: -40
4165-60-0	Nitrobenzene-d5	22.828		10-135		57	SPK: -40
93951-78-1	2-Nitrophenol-d4	22.901		10-120		57	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	21.135		10-140		53	SPK: -40
191656-33-4	4-Chloroaniline-d4	22.363		1-145		56	SPK: -40
85448-30-2	Dimethylphthalate-d6	22.935		10-145		57	SPK: -40
93951-97-4	Acenaphthylene-d8	22.467		15-120		56	SPK: -40
93951-79-2	4-Nitrophenol-d4	19.054		10-150		48	SPK: -40
81103-79-9	Fluorene-d10	22.533		20-140		56	SPK: -40

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Report of Analysis

Client:				Date Collected:	9/25/2024 12:00:00 AM
Project:				Date Received:	9/25/2024 12:00:00 AM
Client Sample ID:	SBLK678			SDG No.:	BP100824
Lab Sample ID:	PB163678BL			Matrix:	Solid
Analytical Method:	SFAM_SVOC			% 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
BP022275.D	1	9/25/2024 12:00:00 AM	10/8/2024 12:00:00 AM	PB163678

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	17.855		10-130		45	SPK: -40
1719-06-8	Anthracene-d10	23.047		10-150		58	SPK: -40
1718-52-1	Pyrene-d10	23.169		10-130		58	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	23.246		10-140		58	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	118449	7.705				
1146-65-2	Naphthalene-d8	434811	10.463				
15067-26-2	Acenaphthene-d10	341427	14.31				
1517-22-2	Phenanthrene-d10	822002	17.104				
1719-03-5	Chrysene-d12	912776	21.551				
1520-96-3	Perylene-d12	1026483	24.833				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	24	U			99	ug/Kg

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Report of Analysis

Client:				Date Collected:	9/24/2024 12:00:00 AM
Project:				Date Received:	9/24/2024 12:00:00 AM
Client Sample ID:	A4EJ6			SDG No.:	BP100824
Lab Sample ID:	P4162-21			Matrix:	Solid
Analytical Method:	SFAM_SVOC			% Moisture:	41.4
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
BP022276.D	1	9/25/2024 12:00:00 AM	10/8/2024 12:00:00 AM	PB163678

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	19	U	19	11.3	110	ug/Kg
100-52-7	Benzaldehyde	77	U	77	140	560	ug/Kg
110-86-1	Pyridine	56	U	56	280	560	ug/Kg
108-95-2	Phenol	73	U	73	140	560	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	68	U	68	140	560	ug/Kg
95-57-8	2-Chlorophenol	39	U	39	72.5	290	ug/Kg
95-48-7	2-Methylphenol	67	U	67	140	560	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	100	U	100	140	560	ug/Kg
98-86-2	Acetophenone	68	U	68	140	560	ug/Kg
106-44-5	4-Methylphenol	63	U	63	140	560	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	87	U	87	72.5	290	ug/Kg
67-72-1	Hexachloroethane	31	U	31	72.5	290	ug/Kg
98-95-3	Nitrobenzene	53	U	53	72.5	290	ug/Kg
78-59-1	Isophorone	82	U	82	72.5	290	ug/Kg
88-75-5	2-Nitrophenol	53	U	53	72.5	290	ug/Kg
105-67-9	2,4-Dimethylphenol	43	U	43	72.5	290	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	73	U	73	72.5	290	ug/Kg
120-83-2	2,4-Dichlorophenol	27	U	27	72.5	290	ug/Kg
91-20-3	Naphthalene	43	U	43	72.5	290	ug/Kg
106-47-8	4-Chloroaniline	41	U	41	72.5	560	ug/Kg
87-68-3	Hexachlorobutadiene	75	U	75	72.5	290	ug/Kg
105-60-2	Caprolactam	120	U	120	140	560	ug/Kg
59-50-7	4-Chloro-3-methylphenol	84	U	84	72.5	290	ug/Kg
90-12-0	1-Methylnaphthalene	56	U	56	72.5	290	ug/Kg
91-57-6	2-Methylnaphthalene	39	U	39	72.5	290	ug/Kg
77-47-4	Hexachlorocyclopentadiene	160	U	160	140	560	ug/Kg
88-06-2	2,4,6-Trichlorophenol	84	U	84	72.5	290	ug/Kg
95-95-4	2,4,5-Trichlorophenol	67	U	67	72.5	290	ug/Kg

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Report of Analysis

Client:				Date Collected:	9/24/2024 12:00:00 AM
Project:				Date Received:	9/24/2024 12:00:00 AM
Client Sample ID:	A4EJ6			SDG No.:	BP100824
Lab Sample ID:	P4162-21			Matrix:	Solid
Analytical Method:	SFAM_SVOC			% Moisture:	41.4
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
BP022276.D	1	9/25/2024 12:00:00 AM	10/8/2024 12:00:00 AM	PB163678

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	41	U	41	72.5	290	ug/Kg
91-58-7	2-Chloronaphthalene	44	U	44	72.5	290	ug/Kg
88-74-4	2-Nitroaniline	70	U	70	72.5	290	ug/Kg
131-11-3	Dimethylphthalate	49	U	49	72.5	290	ug/Kg
606-20-2	2,6-Dinitrotoluene	75	U	75	72.5	290	ug/Kg
208-96-8	Acenaphthylene	55	U	55	72.5	290	ug/Kg
99-09-2	3-Nitroaniline	75	U	75	140	560	ug/Kg
83-32-9	Acenaphthene	49	U	49	72.5	290	ug/Kg
51-28-5	2,4-Dinitrophenol	82	U	82	140	560	ug/Kg
100-02-7	4-Nitrophenol	75	U	75	140	560	ug/Kg
132-64-9	Dibenzofuran	55	U	55	72.5	290	ug/Kg
121-14-2	2,4-Dinitrotoluene	73	U	73	72.5	290	ug/Kg
84-66-2	Diethylphthalate	51	U	51	72.5	290	ug/Kg
86-73-7	Fluorene	43	U	43	72.5	290	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	34	U	34	72.5	290	ug/Kg
100-01-6	4-Nitroaniline	53	U	53	140	560	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	130	U	130	140	560	ug/Kg
86-30-6	N-Nitrosodiphenylamine	56	U	56	72.5	290	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	41	U	41	72.5	290	ug/Kg
101-55-3	4-Bromophenyl-phenylether	49	U	49	72.5	290	ug/Kg
118-74-1	Hexachlorobenzene	55	U	55	72.5	290	ug/Kg
1912-24-9	Atrazine	120	U	120	140	560	ug/Kg
87-86-5	Pentachlorophenol	130	U	130	140	560	ug/Kg
85-01-8	Phenanthrene	49	U	49	72.5	290	ug/Kg
608-93-5	Pentachlorobenzene	89	U	89	72.5	290	ug/Kg
120-12-7	Anthracene	43	U	43	72.5	290	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	85	U	85	72.5	290	ug/Kg
86-74-8	Carbazole	48	U	48	140	560	ug/Kg
84-74-2	Di-n-butylphthalate	100	U	100	72.5	290	ug/Kg
206-44-0	Fluoranthene	92	U	92	140	290	ug/Kg

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Report of Analysis

Client:				Date Collected:	9/24/2024 12:00:00 AM
Project:				Date Received:	9/24/2024 12:00:00 AM
Client Sample ID:	A4EJ6			SDG No.:	BP100824
Lab Sample ID:	P4162-21			Matrix:	Solid
Analytical Method:	SFAM_SVOC			% Moisture:	41.4
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
BP022276.D	1	9/25/2024 12:00:00 AM	10/8/2024 12:00:00 AM	PB163678

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	84	U	84	72.5	290	ug/Kg
85-68-7	Butylbenzylphthalate	140	U	140	72.5	290	ug/Kg
91-94-1	3,3-Dichlorobenzidine	82	U	82	140	560	ug/Kg
56-55-3	Benzo(a)anthracene	46	U	46	72.5	290	ug/Kg
218-01-9	Chrysene	53	U	53	72.5	290	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	160	U	160	72.5	290	ug/Kg
117-84-0	Di-n-octyl phthalate	130	U	130	140	560	ug/Kg
205-99-2	Benzo(b)fluoranthene	56	U	56	72.5	290	ug/Kg
207-08-9	Benzo(k)fluoranthene	65	U	65	72.5	290	ug/Kg
50-32-8	Benzo(a)pyrene	55	U	55	72.5	290	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	53	U	53	72.5	290	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	48	U	48	72.5	290	ug/Kg
191-24-2	Benzo(g,h,i)perylene	44	U	44	72.5	290	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	56	U	56	72.5	290	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	2.938		15-120		37	SPK: -8
7291-22-7	Pyridine-d5	12.809		20-120		32	SPK: -40
4165-62-2	Phenol-d5	13.968		10-130		35	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	15.08		10-150		38	SPK: -40
93951-73-6	2-Chlorophenol-d4	15.634		15-120		39	SPK: -40
190780-66-6	4-Methylphenol-d8	14.172		10-140		35	SPK: -40
4165-60-0	Nitrobenzene-d5	15.423		10-135		39	SPK: -40
93951-78-1	2-Nitrophenol-d4	15.571		10-120		39	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	15.722		10-140		39	SPK: -40
191656-33-4	4-Chloroaniline-d4	14.627		1-145		37	SPK: -40
85448-30-2	Dimethylphthalate-d6	18.029		10-145		45	SPK: -40
93951-97-4	Acenaphthylene-d8	17.985		15-120		45	SPK: -40
93951-79-2	4-Nitrophenol-d4	11.904		10-150		30	SPK: -40
81103-79-9	Fluorene-d10	19.331		20-140		48	SPK: -40

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Report of Analysis

Client:				Date Collected:	9/24/2024 12:00:00 AM
Project:				Date Received:	9/24/2024 12:00:00 AM
Client Sample ID:	A4EJ6			SDG No.:	BP100824
Lab Sample ID:	P4162-21			Matrix:	Solid
Analytical Method:	SFAM_SVOC			% Moisture:	41.4
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
BP022276.D	1	9/25/2024 12:00:00 AM	10/8/2024 12:00:00 AM	PB163678

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	13.081		10-130		33	SPK: -40
1719-06-8	Anthracene-d10	19.854		10-150		50	SPK: -40
1718-52-1	Pyrene-d10	19.017		10-130		48	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	20.437		10-140		51	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	92621	7.705				
1146-65-2	Naphthalene-d8	344687	10.463				
15067-26-2	Acenaphthene-d10	254272	14.316				
1517-22-2	Phenanthrene-d10	604851	17.104				
1719-03-5	Chrysene-d12	787909	21.545				
1520-96-3	Perylene-d12	986488	24.821				
TENTATIVE IDENTIFIED COMPOUNDS							
000119-61-9	Benzophenone	190	J			15.692	
038444-84-7	1,1-Biphenyl, 2,3,3-trichloro-	150	J			17.722	
000057-10-3	n-Hexadecanoic acid	200	J			18.045	
959010-23-2	Trifluoroacetic acid, pentadecyl e	120	J			21.216	
E966796	Total Alkanes	41	U			99	ug/Kg

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Report of Analysis

Client:				Date Collected:	9/23/2024 12:00:00 AM
Project:				Date Received:	9/23/2024 12:00:00 AM
Client Sample ID:	A4ES5			SDG No.:	BP100824
Lab Sample ID:	P4162-06			Matrix:	Solid
Analytical Method:	SFAM_SVOC			% Moisture:	42
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
BP022277.D	1	9/25/2024 12:00:00 AM	10/8/2024 12:00:00 AM	PB163678

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	19	U	19	11.4	110	ug/Kg
100-52-7	Benzaldehyde	78	U	78	140	570	ug/Kg
110-86-1	Pyridine	57	U	57	280	570	ug/Kg
108-95-2	Phenol	74	U	74	140	570	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	69	U	69	140	570	ug/Kg
95-57-8	2-Chlorophenol	40	U	40	73.3	290	ug/Kg
95-48-7	2-Methylphenol	67	U	67	140	570	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	100	U	100	140	570	ug/Kg
98-86-2	Acetophenone	69	U	69	140	570	ug/Kg
106-44-5	4-Methylphenol	64	U	64	140	570	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	88	U	88	73.3	290	ug/Kg
67-72-1	Hexachloroethane	31	U	31	73.3	290	ug/Kg
98-95-3	Nitrobenzene	53	U	53	73.3	290	ug/Kg
78-59-1	Isophorone	83	U	83	73.3	290	ug/Kg
88-75-5	2-Nitrophenol	53	U	53	73.3	290	ug/Kg
105-67-9	2,4-Dimethylphenol	43	U	43	73.3	290	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	74	U	74	73.3	290	ug/Kg
120-83-2	2,4-Dichlorophenol	28	U	28	73.3	290	ug/Kg
91-20-3	Naphthalene	43	U	43	73.3	290	ug/Kg
106-47-8	4-Chloroaniline	41	U	41	73.3	570	ug/Kg
87-68-3	Hexachlorobutadiene	76	U	76	73.3	290	ug/Kg
105-60-2	Caprolactam	120	U	120	140	570	ug/Kg
59-50-7	4-Chloro-3-methylphenol	84	U	84	73.3	290	ug/Kg
90-12-0	1-Methylnaphthalene	57	U	57	73.3	290	ug/Kg
91-57-6	2-Methylnaphthalene	40	U	40	73.3	290	ug/Kg
77-47-4	Hexachlorocyclopentadiene	160	U	160	140	570	ug/Kg
88-06-2	2,4,6-Trichlorophenol	84	U	84	73.3	290	ug/Kg
95-95-4	2,4,5-Trichlorophenol	67	U	67	73.3	290	ug/Kg

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Report of Analysis

Client:				Date Collected:	9/23/2024 12:00:00 AM
Project:				Date Received:	9/23/2024 12:00:00 AM
Client Sample ID:	A4ES5			SDG No.:	BP100824
Lab Sample ID:	P4162-06			Matrix:	Solid
Analytical Method:	SFAM_SVOC			% Moisture:	42
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
BP022277.D	1	9/25/2024 12:00:00 AM	10/8/2024 12:00:00 AM	PB163678

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	41	U	41	73.3	290	ug/Kg
91-58-7	2-Chloronaphthalene	45	U	45	73.3	290	ug/Kg
88-74-4	2-Nitroaniline	71	U	71	73.3	290	ug/Kg
131-11-3	Dimethylphthalate	50	U	50	73.3	290	ug/Kg
606-20-2	2,6-Dinitrotoluene	76	U	76	73.3	290	ug/Kg
208-96-8	Acenaphthylene	55	U	55	73.3	290	ug/Kg
99-09-2	3-Nitroaniline	76	U	76	140	570	ug/Kg
83-32-9	Acenaphthene	50	U	50	73.3	290	ug/Kg
51-28-5	2,4-Dinitrophenol	83	U	83	140	570	ug/Kg
100-02-7	4-Nitrophenol	76	U	76	140	570	ug/Kg
132-64-9	Dibenzofuran	55	U	55	73.3	290	ug/Kg
121-14-2	2,4-Dinitrotoluene	74	U	74	73.3	290	ug/Kg
84-66-2	Diethylphthalate	52	U	52	73.3	290	ug/Kg
86-73-7	Fluorene	43	U	43	73.3	290	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	34	U	34	73.3	290	ug/Kg
100-01-6	4-Nitroaniline	53	U	53	140	570	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	130	U	130	140	570	ug/Kg
86-30-6	N-Nitrosodiphenylamine	57	U	57	73.3	290	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	41	U	41	73.3	290	ug/Kg
101-55-3	4-Bromophenyl-phenylether	50	U	50	73.3	290	ug/Kg
118-74-1	Hexachlorobenzene	55	U	55	73.3	290	ug/Kg
1912-24-9	Atrazine	120	U	120	140	570	ug/Kg
87-86-5	Pentachlorophenol	130	U	130	140	570	ug/Kg
85-01-8	Phenanthrene	50	U	50	73.3	290	ug/Kg
608-93-5	Pentachlorobenzene	90	U	90	73.3	290	ug/Kg
120-12-7	Anthracene	43	U	43	73.3	290	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	86	U	86	73.3	290	ug/Kg
86-74-8	Carbazole	48	U	48	140	570	ug/Kg
84-74-2	Di-n-butylphthalate	110	U	110	73.3	290	ug/Kg
206-44-0	Fluoranthene	93	U	93	140	290	ug/Kg

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Report of Analysis

Client:				Date Collected:	9/23/2024 12:00:00 AM
Project:				Date Received:	9/23/2024 12:00:00 AM
Client Sample ID:	A4ES5			SDG No.:	BP100824
Lab Sample ID:	P4162-06			Matrix:	Solid
Analytical Method:	SFAM_SVOC			% Moisture:	42
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
BP022277.D	1	9/25/2024 12:00:00 AM	10/8/2024 12:00:00 AM	PB163678

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	84	U	84	73.3	290	ug/Kg
85-68-7	Butylbenzylphthalate	140	U	140	73.3	290	ug/Kg
91-94-1	3,3-Dichlorobenzidine	83	U	83	140	570	ug/Kg
56-55-3	Benzo(a)anthracene	47	U	47	73.3	290	ug/Kg
218-01-9	Chrysene	53	U	53	73.3	290	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	170	U	170	73.3	290	ug/Kg
117-84-0	Di-n-octyl phthalate	130	U	130	140	570	ug/Kg
205-99-2	Benzo(b)fluoranthene	57	U	57	73.3	290	ug/Kg
207-08-9	Benzo(k)fluoranthene	66	U	66	73.3	290	ug/Kg
50-32-8	Benzo(a)pyrene	55	U	55	73.3	290	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	53	U	53	73.3	290	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	48	U	48	73.3	290	ug/Kg
191-24-2	Benzo(g,h,i)perylene	45	U	45	73.3	290	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	57	U	57	73.3	290	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	2.528		15-120		32	SPK: -8
7291-22-7	Pyridine-d5	12.531		20-120		31	SPK: -40
4165-62-2	Phenol-d5	14.174		10-130		35	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	15.024		10-150		38	SPK: -40
93951-73-6	2-Chlorophenol-d4	15.313		15-120		38	SPK: -40
190780-66-6	4-Methylphenol-d8	15.426		10-140		39	SPK: -40
4165-60-0	Nitrobenzene-d5	15.865		10-135		40	SPK: -40
93951-78-1	2-Nitrophenol-d4	16.061		10-120		40	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	15.776		10-140		39	SPK: -40
191656-33-4	4-Chloroaniline-d4	15.77		1-145		39	SPK: -40
85448-30-2	Dimethylphthalate-d6	18.639		10-145		47	SPK: -40
93951-97-4	Acenaphthylene-d8	17.753		15-120		44	SPK: -40
93951-79-2	4-Nitrophenol-d4	14.613		10-150		37	SPK: -40
81103-79-9	Fluorene-d10	18.883		20-140		47	SPK: -40

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Report of Analysis

Client:				Date Collected:	9/23/2024 12:00:00 AM
Project:				Date Received:	9/23/2024 12:00:00 AM
Client Sample ID:	A4ES5			SDG No.:	BP100824
Lab Sample ID:	P4162-06			Matrix:	Solid
Analytical Method:	SFAM_SVOC			% Moisture:	42
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
BP022277.D	1	9/25/2024 12:00:00 AM	10/8/2024 12:00:00 AM	PB163678

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	13.767		10-130		34	SPK: -40
1719-06-8	Anthracene-d10	18.73		10-150		47	SPK: -40
1718-52-1	Pyrene-d10	20.515		10-130		51	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	19.551		10-140		49	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	119721	7.699				
1146-65-2	Naphthalene-d8	451126	10.457				
15067-26-2	Acenaphthene-d10	352771	14.31				
1517-22-2	Phenanthrene-d10	848722	17.11				
1719-03-5	Chrysene-d12	913573	21.539				
1520-96-3	Perylene-d12	1105850	24.827				
TENTATIVE IDENTIFIED COMPOUNDS							
000770-35-4	1-Phenoxypropan-2-ol	120	J			11.198	
013029-08-8	1,1-Biphenyl, 2,2-dichloro-	130	J			15.592	
023811-94-1	1-Dotriacontanol, acetate	140	J			21.216	
E966796	Total Alkanes	41	U			99	ug/Kg

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Report of Analysis

Client:				Date Collected:	9/23/2024 12:00:00 AM
Project:				Date Received:	9/23/2024 12:00:00 AM
Client Sample ID:	A4ER7			SDG No.:	BP100824
Lab Sample ID:	P4162-01			Matrix:	Solid
Analytical Method:	SFAM_SVOC			% Moisture:	49.3
Sample Wt/Vol:	30.1	Units:	g	Final Vol:	500 uL
Soil Aliquot Vol:			uL	Test:	
Extraction Type :			Decanted :	Level :	LOW
Injection Volume :			GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP022278.D	1	9/25/2024 12:00:00 AM	10/8/2024 12:00:00 AM	PB163678

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	22	U	22	13	130	ug/Kg
100-52-7	Benzaldehyde	88	U	88	160	650	ug/Kg
110-86-1	Pyridine	65	U	65	320	650	ug/Kg
108-95-2	Phenol	85	U	85	160	650	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	79	U	79	160	650	ug/Kg
95-57-8	2-Chlorophenol	45	U	45	83.5	330	ug/Kg
95-48-7	2-Methylphenol	77	U	77	160	650	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	120	U	120	160	650	ug/Kg
98-86-2	Acetophenone	120	J	79	160	650	ug/Kg
106-44-5	4-Methylphenol	73	U	73	160	650	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	100	U	100	83.5	330	ug/Kg
67-72-1	Hexachloroethane	35	U	35	83.5	330	ug/Kg
98-95-3	Nitrobenzene	61	U	61	83.5	330	ug/Kg
78-59-1	Isophorone	94	U	94	83.5	330	ug/Kg
88-75-5	2-Nitrophenol	61	U	61	83.5	330	ug/Kg
105-67-9	2,4-Dimethylphenol	49	U	49	83.5	330	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	85	U	85	83.5	330	ug/Kg
120-83-2	2,4-Dichlorophenol	31	U	31	83.5	330	ug/Kg
91-20-3	Naphthalene	49	U	49	83.5	330	ug/Kg
106-47-8	4-Chloroaniline	47	U	47	83.5	650	ug/Kg
87-68-3	Hexachlorobutadiene	86	U	86	83.5	330	ug/Kg
105-60-2	Caprolactam	140	U	140	160	650	ug/Kg
59-50-7	4-Chloro-3-methylphenol	96	U	96	83.5	330	ug/Kg
90-12-0	1-Methylnaphthalene	65	U	65	83.5	330	ug/Kg
91-57-6	2-Methylnaphthalene	45	U	45	83.5	330	ug/Kg
77-47-4	Hexachlorocyclopentadiene	190	U	190	160	650	ug/Kg
88-06-2	2,4,6-Trichlorophenol	96	U	96	83.5	330	ug/Kg
95-95-4	2,4,5-Trichlorophenol	77	U	77	83.5	330	ug/Kg

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Report of Analysis

Client:				Date Collected:	9/23/2024 12:00:00 AM
Project:				Date Received:	9/23/2024 12:00:00 AM
Client Sample ID:	A4ER7			SDG No.:	BP100824
Lab Sample ID:	P4162-01			Matrix:	Solid
Analytical Method:	SFAM_SVOC			% Moisture:	49.3
Sample Wt/Vol:	30.1	Units:	g	Final Vol:	500 uL
Soil Aliquot Vol:			uL	Test:	
Extraction Type :			Decanted :	Level :	LOW
Injection Volume :			GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP022278.D	1	9/25/2024 12:00:00 AM	10/8/2024 12:00:00 AM	PB163678

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	47	U	47	83.5	330	ug/Kg
91-58-7	2-Chloronaphthalene	51	U	51	83.5	330	ug/Kg
88-74-4	2-Nitroaniline	81	U	81	83.5	330	ug/Kg
131-11-3	Dimethylphthalate	57	U	57	83.5	330	ug/Kg
606-20-2	2,6-Dinitrotoluene	86	U	86	83.5	330	ug/Kg
208-96-8	Acenaphthylene	63	U	63	83.5	330	ug/Kg
99-09-2	3-Nitroaniline	86	U	86	160	650	ug/Kg
83-32-9	Acenaphthene	57	U	57	83.5	330	ug/Kg
51-28-5	2,4-Dinitrophenol	94	U	94	160	650	ug/Kg
100-02-7	4-Nitrophenol	86	U	86	160	650	ug/Kg
132-64-9	Dibenzofuran	63	U	63	83.5	330	ug/Kg
121-14-2	2,4-Dinitrotoluene	85	U	85	83.5	330	ug/Kg
84-66-2	Diethylphthalate	59	U	59	83.5	330	ug/Kg
86-73-7	Fluorene	49	U	49	83.5	330	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	39	U	39	83.5	330	ug/Kg
100-01-6	4-Nitroaniline	61	U	61	160	650	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	150	U	150	160	650	ug/Kg
86-30-6	N-Nitrosodiphenylamine	65	U	65	83.5	330	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	47	U	47	83.5	330	ug/Kg
101-55-3	4-Bromophenyl-phenylether	57	U	57	83.5	330	ug/Kg
118-74-1	Hexachlorobenzene	63	U	63	83.5	330	ug/Kg
1912-24-9	Atrazine	140	U	140	160	650	ug/Kg
87-86-5	Pentachlorophenol	150	U	150	160	650	ug/Kg
85-01-8	Phenanthrene	310	J	57	83.5	330	ug/Kg
608-93-5	Pentachlorobenzene	100	U	100	83.5	330	ug/Kg
120-12-7	Anthracene	49	U	49	83.5	330	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	98	U	98	83.5	330	ug/Kg
86-74-8	Carbazole	55	U	55	160	650	ug/Kg
84-74-2	Di-n-butylphthalate	120	U	120	83.5	330	ug/Kg
206-44-0	Fluoranthene	600		110	160	330	ug/Kg

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Report of Analysis

Client:				Date Collected:	9/23/2024 12:00:00 AM
Project:				Date Received:	9/23/2024 12:00:00 AM
Client Sample ID:	A4ER7			SDG No.:	BP100824
Lab Sample ID:	P4162-01			Matrix:	Solid
Analytical Method:	SFAM_SVOC			% Moisture:	49.3
Sample Wt/Vol:	30.1	Units:	g	Final Vol:	500 uL
Soil Aliquot Vol:			uL	Test:	
Extraction Type :			Decanted :	Level :	LOW
Injection Volume :			GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP022278.D	1	9/25/2024 12:00:00 AM	10/8/2024 12:00:00 AM	PB163678

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	350		96	83.5	330	ug/Kg
85-68-7	Butylbenzylphthalate	170	U	170	83.5	330	ug/Kg
91-94-1	3,3-Dichlorobenzidine	94	U	94	160	650	ug/Kg
56-55-3	Benzo(a)anthracene	270	J	53	83.5	330	ug/Kg
218-01-9	Chrysene	300	J	61	83.5	330	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	190	U	190	83.5	330	ug/Kg
117-84-0	Di-n-octyl phthalate	150	U	150	160	650	ug/Kg
205-99-2	Benzo(b)fluoranthene	370		65	83.5	330	ug/Kg
207-08-9	Benzo(k)fluoranthene	120	J	75	83.5	330	ug/Kg
50-32-8	Benzo(a)pyrene	110	J	63	83.5	330	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	89	J	61	83.5	330	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	55	U	55	83.5	330	ug/Kg
191-24-2	Benzo(g,h,i)perylene	51	U	51	83.5	330	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	65	U	65	83.5	330	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	1.822		15-120		23	SPK: -8
7291-22-7	Pyridine-d5	0.864	*	20-120		2	SPK: -40
4165-62-2	Phenol-d5	9.11		10-130		23	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	10.016		10-150		25	SPK: -40
93951-73-6	2-Chlorophenol-d4	10.516		15-120		26	SPK: -40
190780-66-6	4-Methylphenol-d8	7.712		10-140		19	SPK: -40
4165-60-0	Nitrobenzene-d5	9.997		10-135		25	SPK: -40
93951-78-1	2-Nitrophenol-d4	10.185		10-120		25	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	10.131		10-140		25	SPK: -40
191656-33-4	4-Chloroaniline-d4	4.561		1-145		11	SPK: -40
85448-30-2	Dimethylphthalate-d6	10.605		10-145		27	SPK: -40
93951-97-4	Acenaphthylene-d8	10.545		15-120		26	SPK: -40
93951-79-2	4-Nitrophenol-d4	6.444		10-150		16	SPK: -40
81103-79-9	Fluorene-d10	10.936		20-140		27	SPK: -40

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Report of Analysis

Client:				Date Collected:	9/23/2024 12:00:00 AM
Project:				Date Received:	9/23/2024 12:00:00 AM
Client Sample ID:	A4ER7			SDG No.:	BP100824
Lab Sample ID:	P4162-01			Matrix:	Solid
Analytical Method:	SFAM_SVOC			% Moisture:	49.3
Sample Wt/Vol:	30.1	Units:	g	Final Vol:	500 uL
Soil Aliquot Vol:			uL	Test:	
Extraction Type :			Decanted :	Level :	LOW
Injection Volume :			GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP022278.D	1	9/25/2024 12:00:00 AM	10/8/2024 12:00:00 AM	PB163678

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	7.647		10-130		19	SPK: -40
1719-06-8	Anthracene-d10	10.802		10-150		27	SPK: -40
1718-52-1	Pyrene-d10	8.993		10-130		22	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	6.046		10-140		15	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	134621	7.699				
1146-65-2	Naphthalene-d8	488752	10.463				
15067-26-2	Acenaphthene-d10	358435	14.316				
1517-22-2	Phenanthrene-d10	834666	17.11				
1719-03-5	Chrysene-d12	950254	21.539				
1520-96-3	Perylene-d12	1174443	24.821				
TENTATIVE IDENTIFIED COMPOUNDS							
002531-84-2	Phenanthrene, 2-methyl-	170	J			18.051	
1000309-38-1	Oxalic acid, isobutyl hexadecyl es	180	J			21.21	
004209-22-7	Triacontane, 1-bromo-	270	J			22.416	
	(DEL) Alkane: Straight-Chain23.980	340	J			23.98	
057878-00-9	Dotriacontanal	250	J			25.486	
E966796	Total Alkanes	340				99	ug/Kg

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Report of Analysis

Client:				Date Collected:	9/23/2024 12:00:00 AM
Project:				Date Received:	9/23/2024 12:00:00 AM
Client Sample ID:	A4ES8			SDG No.:	BP100824
Lab Sample ID:	P4162-09			Matrix:	Solid
Analytical Method:	SFAM_SVOC			% Moisture:	48.7
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
BP022279.D	1	9/25/2024 12:00:00 AM	10/8/2024 12:00:00 AM	PB163678

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	21	U	21	12.8	130	ug/Kg
100-52-7	Benzaldehyde	87	U	87	160	640	ug/Kg
110-86-1	Pyridine	64	U	64	320	640	ug/Kg
108-95-2	Phenol	84	U	84	160	640	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	78	U	78	160	640	ug/Kg
95-57-8	2-Chlorophenol	45	U	45	82.6	330	ug/Kg
95-48-7	2-Methylphenol	76	U	76	160	640	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	120	U	120	160	640	ug/Kg
98-86-2	Acetophenone	78	U	78	160	640	ug/Kg
106-44-5	4-Methylphenol	72	U	72	160	640	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	99	U	99	82.6	330	ug/Kg
67-72-1	Hexachloroethane	35	U	35	82.6	330	ug/Kg
98-95-3	Nitrobenzene	60	U	60	82.6	330	ug/Kg
78-59-1	Isophorone	93	U	93	82.6	330	ug/Kg
88-75-5	2-Nitrophenol	60	U	60	82.6	330	ug/Kg
105-67-9	2,4-Dimethylphenol	49	U	49	82.6	330	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	84	U	84	82.6	330	ug/Kg
120-83-2	2,4-Dichlorophenol	31	U	31	82.6	330	ug/Kg
91-20-3	Naphthalene	49	U	49	82.6	330	ug/Kg
106-47-8	4-Chloroaniline	47	U	47	82.6	640	ug/Kg
87-68-3	Hexachlorobutadiene	85	U	85	82.6	330	ug/Kg
105-60-2	Caprolactam	140	U	140	160	640	ug/Kg
59-50-7	4-Chloro-3-methylphenol	95	U	95	82.6	330	ug/Kg
90-12-0	1-Methylnaphthalene	64	U	64	82.6	330	ug/Kg
91-57-6	2-Methylnaphthalene	45	U	45	82.6	330	ug/Kg
77-47-4	Hexachlorocyclopentadiene	180	U	180	160	640	ug/Kg
88-06-2	2,4,6-Trichlorophenol	95	U	95	82.6	330	ug/Kg
95-95-4	2,4,5-Trichlorophenol	76	U	76	82.6	330	ug/Kg

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Report of Analysis

Client:				Date Collected:	9/23/2024 12:00:00 AM
Project:				Date Received:	9/23/2024 12:00:00 AM
Client Sample ID:	A4ES8			SDG No.:	BP100824
Lab Sample ID:	P4162-09			Matrix:	Solid
Analytical Method:	SFAM_SVOC			% Moisture:	48.7
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
BP022279.D	1	9/25/2024 12:00:00 AM	10/8/2024 12:00:00 AM	PB163678

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	47	U	47	82.6	330	ug/Kg
91-58-7	2-Chloronaphthalene	51	U	51	82.6	330	ug/Kg
88-74-4	2-Nitroaniline	80	U	80	82.6	330	ug/Kg
131-11-3	Dimethylphthalate	56	U	56	82.6	330	ug/Kg
606-20-2	2,6-Dinitrotoluene	85	U	85	82.6	330	ug/Kg
208-96-8	Acenaphthylene	62	U	62	82.6	330	ug/Kg
99-09-2	3-Nitroaniline	85	U	85	160	640	ug/Kg
83-32-9	Acenaphthene	56	U	56	82.6	330	ug/Kg
51-28-5	2,4-Dinitrophenol	93	U	93	160	640	ug/Kg
100-02-7	4-Nitrophenol	85	U	85	160	640	ug/Kg
132-64-9	Dibenzofuran	62	U	62	82.6	330	ug/Kg
121-14-2	2,4-Dinitrotoluene	84	U	84	82.6	330	ug/Kg
84-66-2	Diethylphthalate	58	U	58	82.6	330	ug/Kg
86-73-7	Fluorene	49	U	49	82.6	330	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	39	U	39	82.6	330	ug/Kg
100-01-6	4-Nitroaniline	60	U	60	160	640	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	150	U	150	160	640	ug/Kg
86-30-6	N-Nitrosodiphenylamine	64	U	64	82.6	330	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	47	U	47	82.6	330	ug/Kg
101-55-3	4-Bromophenyl-phenylether	56	U	56	82.6	330	ug/Kg
118-74-1	Hexachlorobenzene	62	U	62	82.6	330	ug/Kg
1912-24-9	Atrazine	140	U	140	160	640	ug/Kg
87-86-5	Pentachlorophenol	140	U	140	160	640	ug/Kg
85-01-8	Phenanthrene	84	J	56	82.6	330	ug/Kg
608-93-5	Pentachlorobenzene	100	U	100	82.6	330	ug/Kg
120-12-7	Anthracene	49	U	49	82.6	330	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	97	U	97	82.6	330	ug/Kg
86-74-8	Carbazole	54	U	54	160	640	ug/Kg
84-74-2	Di-n-butylphthalate	120	U	120	82.6	330	ug/Kg
206-44-0	Fluoranthene	160	J	100	160	330	ug/Kg

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Report of Analysis

Client:				Date Collected:	9/23/2024 12:00:00 AM
Project:				Date Received:	9/23/2024 12:00:00 AM
Client Sample ID:	A4ES8			SDG No.:	BP100824
Lab Sample ID:	P4162-09			Matrix:	Solid
Analytical Method:	SFAM_SVOC			% Moisture:	48.7
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
BP022279.D	1	9/25/2024 12:00:00 AM	10/8/2024 12:00:00 AM	PB163678

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	150	J	95	82.6	330	ug/Kg
85-68-7	Butylbenzylphthalate	160	U	160	82.6	330	ug/Kg
91-94-1	3,3-Dichlorobenzidine	93	U	93	160	640	ug/Kg
56-55-3	Benzo(a)anthracene	79	J	52	82.6	330	ug/Kg
218-01-9	Chrysene	86	J	60	82.6	330	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	190	U	190	82.6	330	ug/Kg
117-84-0	Di-n-octyl phthalate	150	U	150	160	640	ug/Kg
205-99-2	Benzo(b)fluoranthene	98	J	64	82.6	330	ug/Kg
207-08-9	Benzo(k)fluoranthene	74	U	74	82.6	330	ug/Kg
50-32-8	Benzo(a)pyrene	77	J	62	82.6	330	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	60	U	60	82.6	330	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	54	U	54	82.6	330	ug/Kg
191-24-2	Benzo(g,h,i)perylene	51	U	51	82.6	330	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	64	U	64	82.6	330	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	2.12		15-120		26	SPK: -8
7291-22-7	Pyridine-d5	9.169		20-120		23	SPK: -40
4165-62-2	Phenol-d5	12.596		10-130		31	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	13.585		10-150		34	SPK: -40
93951-73-6	2-Chlorophenol-d4	13.746		15-120		34	SPK: -40
190780-66-6	4-Methylphenol-d8	13.466		10-140		34	SPK: -40
4165-60-0	Nitrobenzene-d5	13.556		10-135		34	SPK: -40
93951-78-1	2-Nitrophenol-d4	14.44		10-120		36	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	14.208		10-140		36	SPK: -40
191656-33-4	4-Chloroaniline-d4	12.6		1-145		31	SPK: -40
85448-30-2	Dimethylphthalate-d6	16.162		10-145		40	SPK: -40
93951-97-4	Acenaphthylene-d8	15.925		15-120		40	SPK: -40
93951-79-2	4-Nitrophenol-d4	10.427		10-150		26	SPK: -40
81103-79-9	Fluorene-d10	15.833		20-140		40	SPK: -40

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Report of Analysis

Client:				Date Collected:	9/23/2024 12:00:00 AM
Project:				Date Received:	9/23/2024 12:00:00 AM
Client Sample ID:	A4ES8			SDG No.:	BP100824
Lab Sample ID:	P4162-09			Matrix:	Solid
Analytical Method:	SFAM_SVOC			% Moisture:	48.7
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
BP022279.D	1	9/25/2024 12:00:00 AM	10/8/2024 12:00:00 AM	PB163678

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	12.44		10-130		31	SPK: -40
1719-06-8	Anthracene-d10	16.402		10-150		41	SPK: -40
1718-52-1	Pyrene-d10	17.692		10-130		44	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	16.588		10-140		41	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	140633	7.705				
1146-65-2	Naphthalene-d8	540726	10.463				
15067-26-2	Acenaphthene-d10	391402	14.31				
1517-22-2	Phenanthrene-d10	866988	17.116				
1719-03-5	Chrysene-d12	881331	21.545				
1520-96-3	Perylene-d12	1106639	24.833				
TENTATIVE IDENTIFIED COMPOUNDS							
000057-10-3	n-Hexadecanoic acid	150	J			18.045	
000077-90-7	Tributyl acetylcitrate	160	J			19.857	
	(DEL) Alkane: Straight-Chain21.222	170	J			21.222	
E966796	Total Alkanes	170				99	ug/Kg

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Report of Analysis

Client:				Date Collected:	9/23/2024 12:00:00 AM
Project:				Date Received:	9/23/2024 12:00:00 AM
Client Sample ID:	A4ER8			SDG No.:	BP100824
Lab Sample ID:	P4162-02			Matrix:	Solid
Analytical Method:	SFAM_SVOC			% Moisture:	52.1
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
BP022280.D	1	9/25/2024 12:00:00 AM	10/8/2024 12:00:00 AM	PB163678

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	23	U	23	13.8	140	ug/Kg
100-52-7	Benzaldehyde	94	U	94	170	690	ug/Kg
110-86-1	Pyridine	69	U	69	340	690	ug/Kg
108-95-2	Phenol	90	U	90	170	690	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	84	U	84	170	690	ug/Kg
95-57-8	2-Chlorophenol	48	U	48	88.7	350	ug/Kg
95-48-7	2-Methylphenol	81	U	81	170	690	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	130	U	130	170	690	ug/Kg
98-86-2	Acetophenone	120	J	84	170	690	ug/Kg
106-44-5	4-Methylphenol	77	U	77	170	690	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	110	U	110	88.7	350	ug/Kg
67-72-1	Hexachloroethane	38	U	38	88.7	350	ug/Kg
98-95-3	Nitrobenzene	65	U	65	88.7	350	ug/Kg
78-59-1	Isophorone	100	U	100	88.7	350	ug/Kg
88-75-5	2-Nitrophenol	65	U	65	88.7	350	ug/Kg
105-67-9	2,4-Dimethylphenol	52	U	52	88.7	350	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	90	U	90	88.7	350	ug/Kg
120-83-2	2,4-Dichlorophenol	33	U	33	88.7	350	ug/Kg
91-20-3	Naphthalene	52	U	52	88.7	350	ug/Kg
106-47-8	4-Chloroaniline	50	U	50	88.7	690	ug/Kg
87-68-3	Hexachlorobutadiene	92	U	92	88.7	350	ug/Kg
105-60-2	Caprolactam	150	U	150	170	690	ug/Kg
59-50-7	4-Chloro-3-methylphenol	100	U	100	88.7	350	ug/Kg
90-12-0	1-Methylnaphthalene	69	U	69	88.7	350	ug/Kg
91-57-6	2-Methylnaphthalene	48	U	48	88.7	350	ug/Kg
77-47-4	Hexachlorocyclopentadiene	200	U	200	170	690	ug/Kg
88-06-2	2,4,6-Trichlorophenol	100	U	100	88.7	350	ug/Kg
95-95-4	2,4,5-Trichlorophenol	81	U	81	88.7	350	ug/Kg

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Report of Analysis

Client:				Date Collected:	9/23/2024 12:00:00 AM
Project:				Date Received:	9/23/2024 12:00:00 AM
Client Sample ID:	A4ER8			SDG No.:	BP100824
Lab Sample ID:	P4162-02			Matrix:	Solid
Analytical Method:	SFAM_SVOC			% Moisture:	52.1
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
BP022280.D	1	9/25/2024 12:00:00 AM	10/8/2024 12:00:00 AM	PB163678

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	50	U	50	88.7	350	ug/Kg
91-58-7	2-Chloronaphthalene	54	U	54	88.7	350	ug/Kg
88-74-4	2-Nitroaniline	86	U	86	88.7	350	ug/Kg
131-11-3	Dimethylphthalate	61	U	61	88.7	350	ug/Kg
606-20-2	2,6-Dinitrotoluene	92	U	92	88.7	350	ug/Kg
208-96-8	Acenaphthylene	67	U	67	88.7	350	ug/Kg
99-09-2	3-Nitroaniline	92	U	92	170	690	ug/Kg
83-32-9	Acenaphthene	61	U	61	88.7	350	ug/Kg
51-28-5	2,4-Dinitrophenol	100	U	100	170	690	ug/Kg
100-02-7	4-Nitrophenol	92	U	92	170	690	ug/Kg
132-64-9	Dibenzofuran	67	U	67	88.7	350	ug/Kg
121-14-2	2,4-Dinitrotoluene	90	U	90	88.7	350	ug/Kg
84-66-2	Diethylphthalate	63	U	63	88.7	350	ug/Kg
86-73-7	Fluorene	52	U	52	88.7	350	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	42	U	42	88.7	350	ug/Kg
100-01-6	4-Nitroaniline	65	U	65	170	690	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	160	U	160	170	690	ug/Kg
86-30-6	N-Nitrosodiphenylamine	69	U	69	88.7	350	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	50	U	50	88.7	350	ug/Kg
101-55-3	4-Bromophenyl-phenylether	61	U	61	88.7	350	ug/Kg
118-74-1	Hexachlorobenzene	67	U	67	88.7	350	ug/Kg
1912-24-9	Atrazine	150	U	150	170	690	ug/Kg
87-86-5	Pentachlorophenol	150	U	150	170	690	ug/Kg
85-01-8	Phenanthrene	380		61	88.7	350	ug/Kg
608-93-5	Pentachlorobenzene	110	U	110	88.7	350	ug/Kg
120-12-7	Anthracene	52	U	52	88.7	350	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	100	U	100	88.7	350	ug/Kg
86-74-8	Carbazole	58	U	58	170	690	ug/Kg
84-74-2	Di-n-butylphthalate	130	U	130	88.7	350	ug/Kg
206-44-0	Fluoranthene	730		110	170	350	ug/Kg

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Report of Analysis

Client:				Date Collected:	9/23/2024 12:00:00 AM
Project:				Date Received:	9/23/2024 12:00:00 AM
Client Sample ID:	A4ER8			SDG No.:	BP100824
Lab Sample ID:	P4162-02			Matrix:	Solid
Analytical Method:	SFAM_SVOC			% Moisture:	52.1
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
BP022280.D	1	9/25/2024 12:00:00 AM	10/8/2024 12:00:00 AM	PB163678

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	400		100	88.7	350	ug/Kg
85-68-7	Butylbenzylphthalate	180	U	180	88.7	350	ug/Kg
91-94-1	3,3-Dichlorobenzidine	100	U	100	170	690	ug/Kg
56-55-3	Benzo(a)anthracene	290	J	56	88.7	350	ug/Kg
218-01-9	Chrysene	350		65	88.7	350	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	450		200	88.7	350	ug/Kg
117-84-0	Di-n-octyl phthalate	160	U	160	170	690	ug/Kg
205-99-2	Benzo(b)fluoranthene	450		69	88.7	350	ug/Kg
207-08-9	Benzo(k)fluoranthene	140	J	79	88.7	350	ug/Kg
50-32-8	Benzo(a)pyrene	130	J	67	88.7	350	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	110	J	65	88.7	350	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	58	U	58	88.7	350	ug/Kg
191-24-2	Benzo(g,h,i)perylene	54	U	54	88.7	350	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	69	U	69	88.7	350	ug/Kg
SURROGATES							
7291-22-7	Pyridine-d5	0.928	*	20-120		2	SPK: -40
17647-74-4	1,4-Dioxane-d8	1.52		15-120		19	SPK: -8
4165-62-2	Phenol-d5	8.881		10-130		22	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	9.47		10-150		24	SPK: -40
93951-73-6	2-Chlorophenol-d4	9.782		15-120		24	SPK: -40
190780-66-6	4-Methylphenol-d8	7.973		10-140		20	SPK: -40
4165-60-0	Nitrobenzene-d5	9.733		10-135		24	SPK: -40
93951-78-1	2-Nitrophenol-d4	9.354		10-120		23	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	9.561		10-140		24	SPK: -40
191656-33-4	4-Chloroaniline-d4	3.874		1-145		10	SPK: -40
85448-30-2	Dimethylphthalate-d6	10.287		10-145		26	SPK: -40
93951-97-4	Acenaphthylene-d8	10.168		15-120		25	SPK: -40
93951-79-2	4-Nitrophenol-d4	6.391		10-150		16	SPK: -40
81103-79-9	Fluorene-d10	10.376		20-140		26	SPK: -40

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Report of Analysis

Client:				Date Collected:	9/23/2024 12:00:00 AM
Project:				Date Received:	9/23/2024 12:00:00 AM
Client Sample ID:	A4ER8			SDG No.:	BP100824
Lab Sample ID:	P4162-02			Matrix:	Solid
Analytical Method:	SFAM_SVOC			% Moisture:	52.1
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
BP022280.D	1	9/25/2024 12:00:00 AM	10/8/2024 12:00:00 AM	PB163678

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	6.822		10-130		17	SPK: -40
1719-06-8	Anthracene-d10	10.298		10-150		26	SPK: -40
1718-52-1	Pyrene-d10	8.826		10-130		22	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	5.472		10-140		14	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	144868	7.705				
1146-65-2	Naphthalene-d8	543027	10.463				
15067-26-2	Acenaphthene-d10	396064	14.316				
1517-22-2	Phenanthrene-d10	901344	17.104				
1719-03-5	Chrysene-d12	932143	21.539				
1520-96-3	Perylene-d12	1128119	24.821				
TENTATIVE IDENTIFIED COMPOUNDS							
002136-72-3	Ethanol, 2-(octadecyloxy)-	280	J			21.216	
	(DEL) Alkane: Straight-Chain22.422	660	J			22.422	
006422-86-2	1,4-Benzenedicarboxylic acid, bis(	170	J			22.792	
	(DEL) Alkane: Straight-Chain23.974	710	J			23.974	
E966796	Total Alkanes	1400				99	ug/Kg

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Report of Analysis

Client:				Date Collected:	9/23/2024 12:00:00 AM
Project:				Date Received:	9/23/2024 12:00:00 AM
Client Sample ID:	A4ES4			SDG No.:	BP100824
Lab Sample ID:	P4162-05			Matrix:	Solid
Analytical Method:	SFAM_SVOC			% Moisture:	54.2
Sample Wt/Vol:	30	Units:	g	Final Vol:	500 uL
Soil Aliquot Vol:			uL	Test:	
Extraction Type :			Decanted :	Level :	LOW
Injection Volume :			GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP022281.D	1	9/25/2024 12:00:00 AM	10/8/2024 12:00:00 AM	PB163678

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	24	U	24	14.4	150	ug/Kg
100-52-7	Benzaldehyde	98	U	98	180	720	ug/Kg
110-86-1	Pyridine	72	U	72	360	720	ug/Kg
108-95-2	Phenol	94	U	94	180	720	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	87	U	87	180	720	ug/Kg
95-57-8	2-Chlorophenol	50	U	50	92.8	370	ug/Kg
95-48-7	2-Methylphenol	85	U	85	180	720	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	130	U	130	180	720	ug/Kg
98-86-2	Acetophenone	130	J	87	180	720	ug/Kg
106-44-5	4-Methylphenol	81	U	81	180	720	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	110	U	110	92.8	370	ug/Kg
67-72-1	Hexachloroethane	39	U	39	92.8	370	ug/Kg
98-95-3	Nitrobenzene	68	U	68	92.8	370	ug/Kg
78-59-1	Isophorone	100	U	100	92.8	370	ug/Kg
88-75-5	2-Nitrophenol	68	U	68	92.8	370	ug/Kg
105-67-9	2,4-Dimethylphenol	55	U	55	92.8	370	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	94	U	94	92.8	370	ug/Kg
120-83-2	2,4-Dichlorophenol	35	U	35	92.8	370	ug/Kg
91-20-3	Naphthalene	55	U	55	92.8	370	ug/Kg
106-47-8	4-Chloroaniline	52	U	52	92.8	720	ug/Kg
87-68-3	Hexachlorobutadiene	96	U	96	92.8	370	ug/Kg
105-60-2	Caprolactam	160	U	160	180	720	ug/Kg
59-50-7	4-Chloro-3-methylphenol	110	U	110	92.8	370	ug/Kg
90-12-0	1-Methylnaphthalene	72	U	72	92.8	370	ug/Kg
91-57-6	2-Methylnaphthalene	50	U	50	92.8	370	ug/Kg
77-47-4	Hexachlorocyclopentadiene	210	U	210	180	720	ug/Kg
88-06-2	2,4,6-Trichlorophenol	110	U	110	92.8	370	ug/Kg
95-95-4	2,4,5-Trichlorophenol	85	U	85	92.8	370	ug/Kg

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Report of Analysis

Client:				Date Collected:	9/23/2024 12:00:00 AM
Project:				Date Received:	9/23/2024 12:00:00 AM
Client Sample ID:	A4ES4			SDG No.:	BP100824
Lab Sample ID:	P4162-05			Matrix:	Solid
Analytical Method:	SFAM_SVOC			% Moisture:	54.2
Sample Wt/Vol:	30	Units:	g	Final Vol:	500 uL
Soil Aliquot Vol:			uL	Test:	
Extraction Type :			Decanted :	Level :	LOW
Injection Volume :			GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP022281.D	1	9/25/2024 12:00:00 AM	10/8/2024 12:00:00 AM	PB163678

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	52	U	52	92.8	370	ug/Kg
91-58-7	2-Chloronaphthalene	57	U	57	92.8	370	ug/Kg
88-74-4	2-Nitroaniline	90	U	90	92.8	370	ug/Kg
131-11-3	Dimethylphthalate	63	U	63	92.8	370	ug/Kg
606-20-2	2,6-Dinitrotoluene	96	U	96	92.8	370	ug/Kg
208-96-8	Acenaphthylene	70	U	70	92.8	370	ug/Kg
99-09-2	3-Nitroaniline	96	U	96	180	720	ug/Kg
83-32-9	Acenaphthene	63	U	63	92.8	370	ug/Kg
51-28-5	2,4-Dinitrophenol	100	U	100	180	720	ug/Kg
100-02-7	4-Nitrophenol	96	U	96	180	720	ug/Kg
132-64-9	Dibenzofuran	70	U	70	92.8	370	ug/Kg
121-14-2	2,4-Dinitrotoluene	94	U	94	92.8	370	ug/Kg
84-66-2	Diethylphthalate	66	U	66	92.8	370	ug/Kg
86-73-7	Fluorene	55	U	55	92.8	370	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	44	U	44	92.8	370	ug/Kg
100-01-6	4-Nitroaniline	68	U	68	180	720	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	170	U	170	180	720	ug/Kg
86-30-6	N-Nitrosodiphenylamine	72	U	72	92.8	370	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	52	U	52	92.8	370	ug/Kg
101-55-3	4-Bromophenyl-phenylether	63	U	63	92.8	370	ug/Kg
118-74-1	Hexachlorobenzene	70	U	70	92.8	370	ug/Kg
1912-24-9	Atrazine	160	U	160	180	720	ug/Kg
87-86-5	Pentachlorophenol	160	U	160	180	720	ug/Kg
85-01-8	Phenanthrene	250	J	63	92.8	370	ug/Kg
608-93-5	Pentachlorobenzene	110	U	110	92.8	370	ug/Kg
120-12-7	Anthracene	55	U	55	92.8	370	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	110	U	110	92.8	370	ug/Kg
86-74-8	Carbazole	61	U	61	180	720	ug/Kg
84-74-2	Di-n-butylphthalate	130	U	130	92.8	370	ug/Kg
206-44-0	Fluoranthene	620		120	180	370	ug/Kg

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Report of Analysis

Client:				Date Collected:	9/23/2024 12:00:00 AM
Project:				Date Received:	9/23/2024 12:00:00 AM
Client Sample ID:	A4ES4			SDG No.:	BP100824
Lab Sample ID:	P4162-05			Matrix:	Solid
Analytical Method:	SFAM_SVOC			% Moisture:	54.2
Sample Wt/Vol:	30	Units:	g	Final Vol:	500 uL
Soil Aliquot Vol:			uL	Test:	
Extraction Type :			Decanted :	Level :	LOW
Injection Volume :			GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP022281.D	1	9/25/2024 12:00:00 AM	10/8/2024 12:00:00 AM	PB163678

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	360	J	110	92.8	370	ug/Kg
85-68-7	Butylbenzylphthalate	180	U	180	92.8	370	ug/Kg
91-94-1	3,3-Dichlorobenzidine	100	U	100	180	720	ug/Kg
56-55-3	Benzo(a)anthracene	240	J	59	92.8	370	ug/Kg
218-01-9	Chrysene	310	J	68	92.8	370	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	210	U	210	92.8	370	ug/Kg
117-84-0	Di-n-octyl phthalate	170	U	170	180	720	ug/Kg
205-99-2	Benzo(b)fluoranthene	410		72	92.8	370	ug/Kg
207-08-9	Benzo(k)fluoranthene	130	J	83	92.8	370	ug/Kg
50-32-8	Benzo(a)pyrene	120	J	70	92.8	370	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	100	J	68	92.8	370	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	61	U	61	92.8	370	ug/Kg
191-24-2	Benzo(g,h,i)perylene	57	U	57	92.8	370	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	72	U	72	92.8	370	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	1.635		15-120		20	SPK: -8
7291-22-7	Pyridine-d5	0.626	*	20-120		2	SPK: -40
4165-62-2	Phenol-d5	8.53		10-130		21	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	10.228		10-150		26	SPK: -40
93951-73-6	2-Chlorophenol-d4	10.181		15-120		25	SPK: -40
190780-66-6	4-Methylphenol-d8	8.01		10-140		20	SPK: -40
4165-60-0	Nitrobenzene-d5	10.132		10-135		25	SPK: -40
93951-78-1	2-Nitrophenol-d4	10.356		10-120		26	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	10.004		10-140		25	SPK: -40
191656-33-4	4-Chloroaniline-d4	4.67		1-145		12	SPK: -40
85448-30-2	Dimethylphthalate-d6	10.573		10-145		26	SPK: -40
93951-97-4	Acenaphthylene-d8	10.265		15-120		26	SPK: -40
93951-79-2	4-Nitrophenol-d4	6.987		10-150		17	SPK: -40
81103-79-9	Fluorene-d10	10.997		20-140		27	SPK: -40

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Report of Analysis

Client:				Date Collected:	9/23/2024 12:00:00 AM
Project:				Date Received:	9/23/2024 12:00:00 AM
Client Sample ID:	A4ES4			SDG No.:	BP100824
Lab Sample ID:	P4162-05			Matrix:	Solid
Analytical Method:	SFAM_SVOC			% Moisture:	54.2
Sample Wt/Vol:	30	Units:	g	Final Vol:	500 uL
Soil Aliquot Vol:			uL	Test:	
Extraction Type :			Decanted :	Level :	LOW
Injection Volume :			GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP022281.D	1	9/25/2024 12:00:00 AM	10/8/2024 12:00:00 AM	PB163678

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	8.248		10-130		21	SPK: -40
1719-06-8	Anthracene-d10	11.507		10-150		29	SPK: -40
1718-52-1	Pyrene-d10	10.233		10-130		26	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	6.248		10-140		16	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	139110	7.705				
1146-65-2	Naphthalene-d8	540639	10.463				
15067-26-2	Acenaphthene-d10	426846	14.304				
1517-22-2	Phenanthrene-d10	996854	17.098				
1719-03-5	Chrysene-d12	999418	21.539				
1520-96-3	Perylene-d12	1185377	24.821				
TENTATIVE IDENTIFIED COMPOUNDS							
000057-10-3	n-Hexadecanoic acid	160	J			18.034	
015594-90-8	1-Heneicosanol	150	J			21.21	
E966796	Total Alkanes	52	U			99	ug/Kg

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Report of Analysis

Client:				Date Collected:	9/23/2024 12:00:00 AM
Project:				Date Received:	9/23/2024 12:00:00 AM
Client Sample ID:	A4ES7			SDG No.:	BP100824
Lab Sample ID:	P4162-08			Matrix:	Solid
Analytical Method:	SFAM_SVOC			% Moisture:	49.5
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
BP022282.D	1	9/25/2024 12:00:00 AM	10/8/2024 12:00:00 AM	PB163678

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	22	U	22	13.1	130	ug/Kg
100-52-7	Benzaldehyde	89	U	89	160	650	ug/Kg
110-86-1	Pyridine	65	U	65	330	650	ug/Kg
108-95-2	Phenol	85	U	85	160	650	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	79	U	79	160	650	ug/Kg
95-57-8	2-Chlorophenol	46	U	46	84.2	340	ug/Kg
95-48-7	2-Methylphenol	77	U	77	160	650	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	120	U	120	160	650	ug/Kg
98-86-2	Acetophenone	96	J	79	160	650	ug/Kg
106-44-5	4-Methylphenol	73	U	73	160	650	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	100	U	100	84.2	340	ug/Kg
67-72-1	Hexachloroethane	36	U	36	84.2	340	ug/Kg
98-95-3	Nitrobenzene	61	U	61	84.2	340	ug/Kg
78-59-1	Isophorone	95	U	95	84.2	340	ug/Kg
88-75-5	2-Nitrophenol	61	U	61	84.2	340	ug/Kg
105-67-9	2,4-Dimethylphenol	50	U	50	84.2	340	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	85	U	85	84.2	340	ug/Kg
120-83-2	2,4-Dichlorophenol	32	U	32	84.2	340	ug/Kg
91-20-3	Naphthalene	50	U	50	84.2	340	ug/Kg
106-47-8	4-Chloroaniline	48	U	48	84.2	650	ug/Kg
87-68-3	Hexachlorobutadiene	87	U	87	84.2	340	ug/Kg
105-60-2	Caprolactam	140	U	140	160	650	ug/Kg
59-50-7	4-Chloro-3-methylphenol	97	U	97	84.2	340	ug/Kg
90-12-0	1-Methylnaphthalene	65	U	65	84.2	340	ug/Kg
91-57-6	2-Methylnaphthalene	46	U	46	84.2	340	ug/Kg
77-47-4	Hexachlorocyclopentadiene	190	U	190	160	650	ug/Kg
88-06-2	2,4,6-Trichlorophenol	97	U	97	84.2	340	ug/Kg
95-95-4	2,4,5-Trichlorophenol	77	U	77	84.2	340	ug/Kg

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Report of Analysis

Client:				Date Collected:	9/23/2024 12:00:00 AM
Project:				Date Received:	9/23/2024 12:00:00 AM
Client Sample ID:	A4ES7			SDG No.:	BP100824
Lab Sample ID:	P4162-08			Matrix:	Solid
Analytical Method:	SFAM_SVOC			% Moisture:	49.5
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
BP022282.D	1	9/25/2024 12:00:00 AM	10/8/2024 12:00:00 AM	PB163678

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	48	U	48	84.2	340	ug/Kg
91-58-7	2-Chloronaphthalene	51	U	51	84.2	340	ug/Kg
88-74-4	2-Nitroaniline	81	U	81	84.2	340	ug/Kg
131-11-3	Dimethylphthalate	57	U	57	84.2	340	ug/Kg
606-20-2	2,6-Dinitrotoluene	87	U	87	84.2	340	ug/Kg
208-96-8	Acenaphthylene	63	U	63	84.2	340	ug/Kg
99-09-2	3-Nitroaniline	87	U	87	160	650	ug/Kg
83-32-9	Acenaphthene	57	U	57	84.2	340	ug/Kg
51-28-5	2,4-Dinitrophenol	95	U	95	160	650	ug/Kg
100-02-7	4-Nitrophenol	87	U	87	160	650	ug/Kg
132-64-9	Dibenzofuran	63	U	63	84.2	340	ug/Kg
121-14-2	2,4-Dinitrotoluene	85	U	85	84.2	340	ug/Kg
84-66-2	Diethylphthalate	59	U	59	84.2	340	ug/Kg
86-73-7	Fluorene	50	U	50	84.2	340	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	40	U	40	84.2	340	ug/Kg
100-01-6	4-Nitroaniline	61	U	61	160	650	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	150	U	150	160	650	ug/Kg
86-30-6	N-Nitrosodiphenylamine	65	U	65	84.2	340	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	48	U	48	84.2	340	ug/Kg
101-55-3	4-Bromophenyl-phenylether	57	U	57	84.2	340	ug/Kg
118-74-1	Hexachlorobenzene	63	U	63	84.2	340	ug/Kg
1912-24-9	Atrazine	140	U	140	160	650	ug/Kg
87-86-5	Pentachlorophenol	150	U	150	160	650	ug/Kg
85-01-8	Phenanthrene	400		57	84.2	340	ug/Kg
608-93-5	Pentachlorobenzene	100	U	100	84.2	340	ug/Kg
120-12-7	Anthracene	72	J	50	84.2	340	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	99	U	99	84.2	340	ug/Kg
86-74-8	Carbazole	55	U	55	160	650	ug/Kg
84-74-2	Di-n-butylphthalate	120	U	120	84.2	340	ug/Kg
206-44-0	Fluoranthene	1200		110	160	340	ug/Kg

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Report of Analysis

Client:				Date Collected:	9/23/2024 12:00:00 AM
Project:				Date Received:	9/23/2024 12:00:00 AM
Client Sample ID:	A4ES7			SDG No.:	BP100824
Lab Sample ID:	P4162-08			Matrix:	Solid
Analytical Method:	SFAM_SVOC			% Moisture:	49.5
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
BP022282.D	1	9/25/2024 12:00:00 AM	10/8/2024 12:00:00 AM	PB163678

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	670		97	84.2	340	ug/Kg
85-68-7	Butylbenzylphthalate	170	U	170	84.2	340	ug/Kg
91-94-1	3,3-Dichlorobenzidine	95	U	95	160	650	ug/Kg
56-55-3	Benzo(a)anthracene	440		53	84.2	340	ug/Kg
218-01-9	Chrysene	640		61	84.2	340	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	260	J	190	84.2	340	ug/Kg
117-84-0	Di-n-octyl phthalate	150	U	150	160	650	ug/Kg
205-99-2	Benzo(b)fluoranthene	890		65	84.2	340	ug/Kg
207-08-9	Benzo(k)fluoranthene	250	J	75	84.2	340	ug/Kg
50-32-8	Benzo(a)pyrene	240	J	63	84.2	340	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	220	J	61	84.2	340	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	110	J	55	84.2	340	ug/Kg
191-24-2	Benzo(g,h,i)perylene	51	U	51	84.2	340	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	65	U	65	84.2	340	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	1.437		15-120		18	SPK: -8
7291-22-7	Pyridine-d5	0.978	*	20-120		2	SPK: -40
4165-62-2	Phenol-d5	7.052		10-130		18	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	9.827		10-150		25	SPK: -40
93951-73-6	2-Chlorophenol-d4	9.161		15-120		23	SPK: -40
190780-66-6	4-Methylphenol-d8	4.722		10-140		12	SPK: -40
4165-60-0	Nitrobenzene-d5	9.958		10-135		25	SPK: -40
93951-78-1	2-Nitrophenol-d4	9.285		10-120		23	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	8.548		10-140		21	SPK: -40
191656-33-4	4-Chloroaniline-d4	1.846		1-145		5	SPK: -40
85448-30-2	Dimethylphthalate-d6	10.217		10-145		26	SPK: -40
93951-97-4	Acenaphthylene-d8	10.579		15-120		26	SPK: -40
93951-79-2	4-Nitrophenol-d4	3.041	*	10-150		8	SPK: -40
81103-79-9	Fluorene-d10	10.832		20-140		27	SPK: -40

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Report of Analysis

Client:				Date Collected:	9/23/2024 12:00:00 AM
Project:				Date Received:	9/23/2024 12:00:00 AM
Client Sample ID:	A4ES7			SDG No.:	BP100824
Lab Sample ID:	P4162-08			Matrix:	Solid
Analytical Method:	SFAM_SVOC			% Moisture:	49.5
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
BP022282.D	1	9/25/2024 12:00:00 AM	10/8/2024 12:00:00 AM	PB163678

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	6.177		10-130		15	SPK: -40
1719-06-8	Anthracene-d10	11.366		10-150		28	SPK: -40
1718-52-1	Pyrene-d10	9.729		10-130		24	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	6.145		10-140		15	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	134286	7.704				
1146-65-2	Naphthalene-d8	515868	10.463				
15067-26-2	Acenaphthene-d10	390495	14.304				
1517-22-2	Phenanthrene-d10	877167	17.104				
1719-03-5	Chrysene-d12	909335	21.545				
1520-96-3	Perylene-d12	1094113	24.839				
TENTATIVE IDENTIFIED COMPOUNDS							
000057-10-3	n-Hexadecanoic acid	260	J			18.033	
000203-64-5	4H-Cyclopenta[def]phenanthrene	130	J			18.204	
086711-81-1	2- Chloropropionic acid, hexadecyl	290	J			21.215	
	(DEL) Alkane: Straight-Chain23.968	200	J			23.968	
E966796	Total Alkanes	200				99	ug/Kg

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Hit Summary Sheet
SW-846

SDG No.: BP100824

Client:

Sample ID	Client ID	Matrix	Parameter		Concentration	C	MDL	RDL	Units
Client ID :	**A4ER7**								
P4162-01	A4ER7	Solid	(DEL) Alkane: Straight-Chain23.9	*	340.000	J			
P4162-01	A4ER7	Solid	Dotriacontanal	*	250.000	J			
P4162-01	A4ER7	Solid	Oxalic acid, isobutyl hexadecyl es	*	180.000	J			
P4162-01	A4ER7	Solid	Phenanthrene, 2-methyl-	*	170.000	J			
P4162-01	A4ER7	Solid	Triacontane, 1-bromo-	*	270.000	J			
P4162-01	A4ER7	Solid	Total Alkanes	*	340.000		47	330	ug/Kg
			Total Tics :		**1,550.00**				
P4162-01	A4ER7	Solid	Acetophenone		120.000	J	79	650	ug/Kg
P4162-01	A4ER7	Solid	Benzo(a)anthracene		270.000	J	53	330	ug/Kg
P4162-01	A4ER7	Solid	Benzo(a)pyrene		110.000	J	63	330	ug/Kg
P4162-01	A4ER7	Solid	Benzo(b)fluoranthene		370.000		65	330	ug/Kg
P4162-01	A4ER7	Solid	Benzo(k)fluoranthene		120.000	J	75	330	ug/Kg
P4162-01	A4ER7	Solid	Chrysene		300.000	J	61	330	ug/Kg
P4162-01	A4ER7	Solid	Fluoranthene		600.000		110	330	ug/Kg
P4162-01	A4ER7	Solid	Indeno(1,2,3-cd)pyrene		89.000	J	61	330	ug/Kg
P4162-01	A4ER7	Solid	Phenanthrene		310.000	J	57	330	ug/Kg
P4162-01	A4ER7	Solid	Pyrene		350.000		96	330	ug/Kg
			Total Svoc :		**2,639.00**				
			Total Concentration:		**4,189.00**				
Client ID :	**A4ER8**								
P4162-02	A4ER8	Solid	(DEL) Alkane: Straight-Chain22.4	*	660.000	J			
P4162-02	A4ER8	Solid	(DEL) Alkane: Straight-Chain23.9	*	710.000	J			
P4162-02	A4ER8	Solid	1,4-Benzenedicarboxylic acid, bis	*	170.000	J			
P4162-02	A4ER8	Solid	Ethanol, 2-(octadecyloxy)-	*	280.000	J			
P4162-02	A4ER8	Solid	Total Alkanes	*	1,400.000		50	350	ug/Kg
			Total Tics :		**3,220.00**				
P4162-02	A4ER8	Solid	Acetophenone		120.000	J	84	690	ug/Kg
P4162-02	A4ER8	Solid	Benzo(a)anthracene		290.000	J	56	350	ug/Kg
P4162-02	A4ER8	Solid	Benzo(a)pyrene		130.000	J	67	350	ug/Kg
P4162-02	A4ER8	Solid	Benzo(b)fluoranthene		450.000		69	350	ug/Kg
P4162-02	A4ER8	Solid	Benzo(k)fluoranthene		140.000	J	79	350	ug/Kg
P4162-02	A4ER8	Solid	Bis(2-ethylhexyl)phthalate		450.000		200	350	ug/Kg
P4162-02	A4ER8	Solid	Chrysene		350.000		65	350	ug/Kg
P4162-02	A4ER8	Solid	Fluoranthene		730.000		110	350	ug/Kg
P4162-02	A4ER8	Solid	Indeno(1,2,3-cd)pyrene		110.000	J	65	350	ug/Kg
P4162-02	A4ER8	Solid	Phenanthrene		380.000		61	350	ug/Kg
P4162-02	A4ER8	Solid	Pyrene		400.000		100	350	ug/Kg

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Hit Summary Sheet
SW-846

SDG No.: BP100824

Client:

Sample ID	Client ID	Matrix	Parameter		Concentration	C	MDL	RDL	Units
			Total Svoc :		**3,550.00**				
			Total Concentration:		**6,770.00**				
Client ID :	**A4ER9**								
P4162-03	A4ER9	Solid	1-Phenoxypropan-2-ol	*	350.000	J			
P4162-03	A4ER9	Solid	Ethanol, 2-(2-ethoxyethoxy)-	*	170.000	J			
P4162-03	A4ER9	Solid	n-Hexadecanoic acid	*	300.000	J			
P4162-03	A4ER9	Solid	Pentadecafluorooctanoic acid, oct	*	430.000	J			
P4162-03	A4ER9	Solid	Propylene Glycol	*	240.000	J			
P4162-03	A4ER9	Solid	Total Alkanes	*	0.000		58	410	ug/Kg
			Total Tics :		**1,490.00**				
P4162-03	A4ER9	Solid	Fluoranthene		130.000	J	130	410	ug/Kg
P4162-03	A4ER9	Solid	Pyrene		120.000	J	120	410	ug/Kg
			Total Svoc :		**250.00**				
			Total Concentration:		**1,740.00**				
Client ID :	**A4ES0**								
P4162-04	A4ES0	Solid	1-Phenoxypropan-2-ol	*	100.000	J			
P4162-04	A4ES0	Solid	n-Hexadecanoic acid	*	88.000	J			
P4162-04	A4ES0	Solid	Pentadecafluorooctanoic acid, oct	*	98.000	J			
P4162-04	A4ES0	Solid	Total Alkanes	*	0.000		28	200	ug/Kg
			Total Tics :		**286.00**				
			Total Concentration:		**286.00**				
Client ID :	**A4ES4**								
P4162-05	A4ES4	Solid	1-Heneicosanol	*	150.000	J			
P4162-05	A4ES4	Solid	n-Hexadecanoic acid	*	160.000	J			
P4162-05	A4ES4	Solid	Total Alkanes	*	0.000		52	370	ug/Kg
			Total Tics :		**310.00**				
P4162-05	A4ES4	Solid	Acetophenone		130.000	J	87	720	ug/Kg
P4162-05	A4ES4	Solid	Benzo(a)anthracene		240.000	J	59	370	ug/Kg
P4162-05	A4ES4	Solid	Benzo(a)pyrene		120.000	J	70	370	ug/Kg
P4162-05	A4ES4	Solid	Benzo(b)fluoranthene		410.000		72	370	ug/Kg
P4162-05	A4ES4	Solid	Benzo(k)fluoranthene		130.000	J	83	370	ug/Kg
P4162-05	A4ES4	Solid	Chrysene		310.000	J	68	370	ug/Kg
P4162-05	A4ES4	Solid	Fluoranthene		620.000		120	370	ug/Kg
P4162-05	A4ES4	Solid	Indeno(1,2,3-cd)pyrene		100.000	J	68	370	ug/Kg
P4162-05	A4ES4	Solid	Phenanthrene		250.000	J	63	370	ug/Kg
P4162-05	A4ES4	Solid	Pyrene		360.000	J	110	370	ug/Kg
			Total Svoc :		**2,670.00**				
			Total Concentration:		**2,980.00**				
Client ID :	**A4ES5**								

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Hit Summary Sheet
SW-846

SDG No.: BP100824

Client:

Sample ID	Client ID	Matrix	Parameter		Concentration	C	MDL	RDL	Units
P4162-06	A4ES5	Solid	1,1-Biphenyl, 2,2-dichloro-	*	130.000	J			
P4162-06	A4ES5	Solid	1-Dotriacontanol, acetate	*	140.000	J			
P4162-06	A4ES5	Solid	1-Phenoxypropan-2-ol	*	120.000	J			
P4162-06	A4ES5	Solid	Total Alkanes	*	0.000		41	290	ug/Kg
			Total Tics :		**390.00**				
			Total Concentration:		**390.00**				
Client ID :	**A4ES6**								
P4162-07	A4ES6	Solid	1-Phenoxypropan-2-ol	*	110.000	J			
P4162-07	A4ES6	Solid	13-Docosenamide, (Z)-	*	570.000	J			
P4162-07	A4ES6	Solid	n-Hexadecanoic acid	*	500.000	J			
P4162-07	A4ES6	Solid	Octadecanoic acid	*	160.000	J			
P4162-07	A4ES6	Solid	Pentadecafluorooctanoic acid, oct	*	200.000	J			
P4162-07	A4ES6	Solid	Total Alkanes	*	0.000		38	270	ug/Kg
			Total Tics :		**1,540.00**				
			Total Concentration:		**1,540.00**				
Client ID :	**A4ES7**								
P4162-08	A4ES7	Solid	(DEL) Alkane: Straight-Chain23.9	*	200.000	J			
P4162-08	A4ES7	Solid	2- Chloropropionic acid, hexadecy	*	290.000	J			
P4162-08	A4ES7	Solid	4H-Cyclopenta[def]phenanthrene	*	130.000	J			
P4162-08	A4ES7	Solid	n-Hexadecanoic acid	*	260.000	J			
P4162-08	A4ES7	Solid	Total Alkanes	*	200.000		48	340	ug/Kg
			Total Tics :		**1,080.00**				
P4162-08	A4ES7	Solid	Acetophenone		96.000	J	79	650	ug/Kg
P4162-08	A4ES7	Solid	Anthracene		72.000	J	50	340	ug/Kg
P4162-08	A4ES7	Solid	Benzo(a)anthracene		440.000		53	340	ug/Kg
P4162-08	A4ES7	Solid	Benzo(a)pyrene		240.000	J	63	340	ug/Kg
P4162-08	A4ES7	Solid	Benzo(b)fluoranthene		890.000		65	340	ug/Kg
P4162-08	A4ES7	Solid	Benzo(k)fluoranthene		250.000	J	75	340	ug/Kg
P4162-08	A4ES7	Solid	Bis(2-ethylhexyl)phthalate		260.000	J	190	340	ug/Kg
P4162-08	A4ES7	Solid	Chrysene		640.000		61	340	ug/Kg
P4162-08	A4ES7	Solid	Dibenzo(a,h)anthracene		110.000	J	55	340	ug/Kg
P4162-08	A4ES7	Solid	Fluoranthene		1,200.000		110	340	ug/Kg
P4162-08	A4ES7	Solid	Indeno(1,2,3-cd)pyrene		220.000	J	61	340	ug/Kg
P4162-08	A4ES7	Solid	Phenanthrene		400.000		57	340	ug/Kg
P4162-08	A4ES7	Solid	Pyrene		670.000		97	340	ug/Kg
			Total Svoc :		**5,488.00**				
			Total Concentration:		**6,568.00**				
Client ID :	**A4ES8**								
P4162-09	A4ES8	Solid	(DEL) Alkane: Straight-Chain21.2	*	170.000	J			

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Hit Summary Sheet
SW-846

SDG No.: BP100824

Client:

Sample ID	Client ID	Matrix	Parameter		Concentration	C	MDL	RDL	Units
P4162-09	A4ES8	Solid	n-Hexadecanoic acid	*	150.000	J			
P4162-09	A4ES8	Solid	Tributyl acetylcitrate	*	160.000	J			
P4162-09	A4ES8	Solid	Total Alkanes	*	170.000		47	330	ug/Kg
			Total Tics :		**650.00**				
P4162-09	A4ES8	Solid	Benzo(a)anthracene		79.000	J	52	330	ug/Kg
P4162-09	A4ES8	Solid	Benzo(a)pyrene		77.000	J	62	330	ug/Kg
P4162-09	A4ES8	Solid	Benzo(b)fluoranthene		98.000	J	64	330	ug/Kg
P4162-09	A4ES8	Solid	Chrysene		86.000	J	60	330	ug/Kg
P4162-09	A4ES8	Solid	Fluoranthene		160.000	J	100	330	ug/Kg
P4162-09	A4ES8	Solid	Phenanthrene		84.000	J	56	330	ug/Kg
P4162-09	A4ES8	Solid	Pyrene		150.000	J	95	330	ug/Kg
			Total Svoc :		**734.00**				
			Total Concentration:		**1,384.00**				
Client ID :	**A4ES9**								
P4162-10	A4ES9	Solid	Benzophenone	*	170.000	J			
P4162-10	A4ES9	Solid	n-Hexadecanoic acid	*	100.000	J			
P4162-10	A4ES9	Solid	Total Alkanes	*	0.000		27	190	ug/Kg
			Total Tics :		**270.00**				
			Total Concentration:		**270.00**				
Client ID :	**A4EJ4**								
P4162-19	A4EJ4	Solid	n-Hexadecanoic acid	*	110.000	J			
P4162-19	A4EJ4	Solid	Total Alkanes	*	0.000		37	260	ug/Kg
			Total Tics :		**110.00**				
P4162-19	A4EJ4	Solid	Acetophenone		61.000	J	61	510	ug/Kg
			Total Svoc :		**61.00**				
			Total Concentration:		**171.00**				
Client ID :	**A4EJ6**								
P4162-21	A4EJ6	Solid	1,1-Biphenyl, 2,3,3-trichloro-	*	150.000	J			
P4162-21	A4EJ6	Solid	Benzophenone	*	190.000	J			
P4162-21	A4EJ6	Solid	n-Hexadecanoic acid	*	200.000	J			
P4162-21	A4EJ6	Solid	Trifluoroacetic acid, pentadecyl e	*	120.000	J			
P4162-21	A4EJ6	Solid	Total Alkanes	*	0.000		41	290	ug/Kg
			Total Tics :		**660.00**				
			Total Concentration:		**660.00**				
Client ID :	**A4EJ7**								
P4162-22	A4EJ7	Solid	1-Heneicosanol	*	99.000	J			
P4162-22	A4EJ7	Solid	Benzophenone	*	180.000	J			
P4162-22	A4EJ7	Solid	n-Hexadecanoic acid	*	170.000	J			
P4162-22	A4EJ7	Solid	Total Alkanes	*	0.000		28	200	ug/Kg

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Hit Summary Sheet
SW-846

SDG No.: BP100824

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
			Total Tics :	**449.00**				
			Total Concentration:	**449.00**				

CHEMTECH

6C

SEMIVOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name: CHEMTECH Contract:

Lab Code: CHEM Case No.: BP100724 SAS No.: BP100724 SDG No.: BP100724

Instrument ID: Calibration Date(s): 10/7/2024

Calibration Time(s): 16:41

LAB FILE ID: RRFAL1 = BP022257.D RRFAL2 = BP022258.D RRFAL3 = BP022259.D
RRFAL4 = BP022260.D RRFAL5 = BP022261.D RRFAL6 = BP022262.D

COMPOUND	RRFAL1	RRFAL2	RRFAL3	RRFAL4	RRFAL5	RRFAL6	RRF	% RSD
1,4-Dioxane	0.554	0.573	0.557	0.571	0.511		0.553	4.6
Benzaldehyde		1.063	0.934	1.100	0.803	0.648	0.910	20.6
Pyridine		1.509	1.423	1.491	1.444	1.376	1.449	3.7
Hexachloroethane	0.552	0.620	0.554	0.575	0.576		0.575	4.8
Nitrobenzene	0.435	0.489	0.451	0.461	0.458		0.459	4.3
Isophorone	0.741	0.864	0.808	0.851	0.851		0.823	6.1
2-Nitrophenol	0.163	0.200	0.186	0.206	0.205		0.192	9.5
2,4-Dimethylphenol	0.376	0.447	0.402	0.422	0.439		0.417	6.9
Bis(2-Chloroethoxy)methane	0.426	0.500	0.460	0.473	0.477		0.467	5.9
2,4-Dichlorophenol	0.330	0.391	0.357	0.391	0.394		0.373	7.5
Naphthalene	1.002	1.150	1.035	1.076	1.062		1.065	5.2
4-Chloroaniline		0.454	0.413	0.455	0.461	0.424	0.441	4.9
Hexachlorobutadiene	0.312	0.350	0.301	0.310	0.297		0.314	6.6
Phenol		1.718	1.601	1.771	1.863	1.805	1.752	5.7
Caprolactam		0.113	0.108	0.128	0.127	0.124	0.120	7.5
4-Chloro-3-methylphenol	0.341	0.419	0.389	0.447	0.438		0.407	10.6
1-Methylnaphthalene	0.717	0.835	0.777	0.846	0.816		0.798	6.6
2-Methylnaphthalene	0.721	0.818	0.742	0.832	0.798		0.782	6.2
Hexachlorocyclopentadiene		0.469	0.444	0.446	0.438	0.455	0.451	2.7
2,4,6-Trichlorophenol	0.418	0.496	0.446	0.472	0.494		0.465	7.1
2,4,5-Trichlorophenol	0.441	0.509	0.477	0.513	0.537		0.495	7.5
1,1-Biphenyl	1.362	1.601	1.393	1.423	1.429		1.442	6.5
2-Chloronaphthalene	1.099	1.289	1.163	1.167	1.182		1.180	5.8
2-Nitroaniline	0.322	0.354	0.338	0.374	0.373		0.352	6.4
Bis(2-Chloroethyl)ether		1.301	1.281	1.331	1.357	1.285	1.311	2.5
Dimethylphthalate	1.477	1.717	1.563	1.575	1.584		1.583	5.4
2,6-Dinitrotoluene	0.238	0.304	0.295	0.321	0.340		0.299	12.9
Acenaphthylene	1.581	1.845	1.795	1.784	1.754		1.752	5.8
3-Nitroaniline		0.275	0.263	0.301	0.281	0.286	0.281	5.0
Acenaphthene	1.196	1.338	1.187	1.227	1.246		1.239	4.9
2,4-Dinitrophenol		0.183	0.187	0.225	0.239	0.268	0.220	16.3
4-Nitrophenol		0.291	0.283	0.305	0.306	0.295	0.296	3.2
Dibenzofuran	1.754	2.038	1.799	1.853	1.859		1.861	5.8
2,4-Dinitrotoluene	0.365	0.496	0.456	0.498	0.511		0.465	12.8
Diethylphthalate	1.395	1.607	1.506	1.545	1.542		1.519	5.1
2-Chlorophenol	1.143	1.264	1.197	1.270	1.302		1.235	5.2

All other compounds must meet a minimum RRF of 0.010.

CHEMTECH

6C

SEMIVOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name: CHEMTECH Contract:

Lab Code: CHEM Case No.: BP100724 SAS No.: BP100724 SDG No.: BP100724

Instrument ID: Calibration Date(s): 10/7/2024

Calibration Time(s): 16:41

LAB FILE ID: RRFAL1 = BP022257.D RRFAL2 = BP022258.D RRFAL3 = BP022259.D
RRFAL4 = BP022260.D RRFAL5 = BP022261.D RRFAL6 = BP022262.D

COMPOUND	RRFAL1	RRFAL2	RRFAL3	RRFAL4	RRFAL5	RRFAL6	RRF	% RSD
Fluorene	1.430	1.629	1.503	1.510	1.508		1.516	4.7
4-Chlorophenyl-phenylether	0.834	0.928	0.847	0.856	0.869		0.867	4.2
4-Nitroaniline		0.291	0.280	0.315	0.277	0.252	0.283	8.1
4,6-Dinitro-2-methylphenol		0.135	0.130	0.147	0.148	0.149	0.142	6.1
N-Nitrosodiphenylamine	0.504	0.584	0.518	0.535	0.537		0.536	5.7
1,2,4,5-Tetrachlorobenzene	0.708	0.818	0.706	0.729	0.737		0.740	6.2
4-Bromophenyl-phenylether	0.228	0.259	0.241	0.237	0.241		0.241	4.7
Hexachlorobenzene	0.291	0.322	0.287	0.286	0.298		0.297	5.0
Atrazine		0.256	0.201	0.233	0.238	0.184	0.223	13.1
Pentachlorophenol		0.181	0.170	0.192	0.205	0.206	0.191	8.1
2-Methylphenol		1.202	1.182	1.293	1.366	1.312	1.271	6.1
Phenanthrene	1.022	1.152	1.059	1.056	1.061		1.070	4.5
Pentachlorobenzene	0.340	0.375	0.313	0.327	0.329		0.337	7.0
Anthracene	0.990	1.135	1.068	1.071	1.075		1.068	4.8
1,2,3,4-Tetrachlorobenzene	0.300	0.339	0.282	0.299	0.303		0.305	6.8
Carbazole		1.008	0.931	0.959	0.933	0.893	0.945	4.5
Di-n-butylphthalate	0.957	1.097	1.050	1.060	1.063		1.045	5.0
Fluoranthene	1.076	1.286	1.162	1.260	1.295		1.216	7.8
Pyrene	1.196	1.405	1.223	1.341	1.351		1.303	6.9
Butylbenzylphthalate	0.410	0.470	0.439	0.472	0.477		0.454	6.3
3,3-Dichlorobenzidine		0.506	0.464	0.505	0.456	0.453	0.477	5.6
2,2-oxybis(1-Chloropropane)		1.619	1.505	1.550	1.538	1.406	1.524	5.1
Benzo(a)anthracene	1.324	1.501	1.373	1.421	1.392		1.402	4.7
Chrysene	1.241	1.405	1.246	1.305	1.304		1.300	5.1
Bis(2-ethylhexyl)phthalate	0.601	0.704	0.624	0.663	0.664		0.651	6.1
Di-n-octyl phthalate		0.973	0.893	0.937	0.984	0.970	0.951	3.9
Benzo(b)fluoranthene	1.122	1.335	1.231	1.279	1.327		1.259	6.9
Benzo(k)fluoranthene	1.113	1.308	1.206	1.249	1.287		1.233	6.2
Benzo(a)pyrene	1.041	1.213	1.141	1.179	1.219		1.159	6.3
Indeno(1,2,3-cd)pyrene	1.484	1.650	1.456	1.536	1.605		1.546	5.3
Dibenzo(a,h)anthracene	1.203	1.329	1.219	1.229	1.279		1.252	4.1
Benzo(g,h,i)perylene	1.130	1.258	1.176	1.198	1.252		1.203	4.5
Acetophenone		2.253	2.087	2.271	2.328	2.152	2.218	4.4
2,3,4,6-Tetrachlorophenol	0.413	0.471	0.449	0.486	0.493		0.462	7.1
1,4-Dioxane-d8	0.534	0.566	0.473	0.528	0.473		0.515	7.9
Pyridine-d5		1.448	1.357	1.468	1.415	1.377	1.413	3.3

All other compounds must meet a minimum RRF of 0.010.

CHEMTECH

6C

SEMIVOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name: CHEMTECH Contract:

Lab Code: CHEM Case No.: BP100724 SAS No.: BP100724 SDG No.: BP100724

Instrument ID: Calibration Date(s): 10/7/2024

Calibration Time(s): 16:41

LAB FILE ID: RRFAL1 = BP022257.D RRFAL2 = BP022258.D RRFAL3 = BP022259.D
RRFAL4 = BP022260.D RRFAL5 = BP022261.D RRFAL6 = BP022262.D

COMPOUND	RRFAL1	RRFAL2	RRFAL3	RRFAL4	RRFAL5	RRFAL6	RRF	% RSD
Phenol-d5		1.627	1.561	1.694	1.785	1.750	1.684	5.4
Bis-(2-Chloroethyl)ether-d8		1.033	0.973	0.992	1.004	0.945	0.989	3.3
2-Chlorophenol-d4	1.073	1.236	1.160	1.230	1.274		1.195	6.6
4-Methylphenol-d8		1.277	1.230	1.385	1.449	1.377	1.344	6.6
Nitrobenzene-d5	0.139	0.157	0.150	0.161	0.162		0.154	6.2
2-Nitrophenol-d4	0.152	0.178	0.175	0.190	0.195		0.178	9.5
2,4-Dichlorophenol-d3	0.328	0.397	0.368	0.397	0.402		0.378	8.3
4-Chloroaniline-d4		0.462	0.423	0.462	0.461	0.426	0.447	4.6
4-Methylphenol		1.381	1.291	1.453	1.506	1.420	1.410	5.7
Dimethylphthalate-d6	1.498	1.686	1.560	1.608	1.593		1.589	4.3
Acenaphthylene-d8	1.529	1.784	1.643	1.745	1.738		1.688	6.1
4-Nitrophenol-d4		0.250	0.250	0.276	0.283	0.274	0.267	5.7
Fluorene-d10	1.270	1.487	1.333	1.401	1.400		1.378	5.9
4,6-Dinitro-2-methylphenol-		0.121	0.123	0.134	0.138	0.142	0.132	7.1
Anthracene-d10	0.881	1.002	0.927	0.937	0.957		0.941	4.7
Pyrene-d10	0.951	1.118	1.008	1.101	1.109		1.058	7.0
Benzo(a)pyrene-d12	0.962	1.129	1.011	1.102	1.137		1.068	7.2
N-Nitroso-di-n-propylamine	0.989	1.157	1.086	1.184	1.203		1.124	7.8

All other compounds must meet a minimum RRF of 0.010.

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Fax : 908 789 8922

8B

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BP100824 SAS No.: BP100824 SDG NO.: BP100824

EPA Sample No.: SSTD020623 Date Analyzed: Oct 8 2024 12:00AM

Lab File ID: BP022259.D Time Analyzed: 11:20

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

		IS1 (DCB) AREA #	RT #	IS2 (NPT) AREA #	RT #	IS3 (ANT) AREA #	RT #
	12 HOUR STD	83605	7.705	315808	10.46	242644	14.32
	UPPER LIMIT	167210	8.205	631616	10.963	485288	14.816
	LOWER LIMIT	41802.5	7.205	157904	9.963	121322	13.816
	EPA SAMPLE NO.						
01	SBLK678	114363	7.71	436088	10.46	344954	14.31
02	SLCS678	85869	7.71	352100	10.46	299690	14.32
03	A4ES0	148860	7.71	565889	10.46	452134	14.31
04	A4ES9	106672	7.71	398639	10.46	310673	14.32
05	A4EJ7	108112	7.71	420810	10.46	338478	14.30
06	A4EJ4	96031	7.70	355273	10.46	280543	14.31
07	A4ES6	97341	7.71	368845	10.46	286960	14.30
08	A4ER9	112574	7.71	440084	10.46	347143	14.32
09	SBLK678	118449	7.71	434811	10.46	341427	14.31
10	A4EJ6	92621	7.71	344687	10.46	254272	14.32
11	A4ES5	119721	7.70	451126	10.46	352771	14.31
12	A4ER7	134621	7.70	488752	10.46	358435	14.32
13	A4ES8	140633	7.71	540726	10.46	391402	14.31
14	A4ER8	144868	7.71	543027	10.46	396064	14.32
15	A4ES4	139110	7.71	540639	10.46	426846	14.30
16	A4ES7	134286	7.70	515868	10.46	390495	14.30

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8B

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BP100824 SAS No.: BP100824 SDG NO.: BP100824

EPA Sample No.: SSTD020623 Date Analyzed: Oct 8 2024 12:00AM

Lab File ID: BP022259.D Time Analyzed: 22:15

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

	IS1 (DCB) AREA #	RT #	IS2 (NPT) AREA #	RT #	IS3 (ANT) AREA #	RT #
12 HOUR STD	83605	7.705	315808	10.46	242644	14.32
UPPER LIMIT	167210	8.205	631616	10.963	485288	14.816
LOWER LIMIT	41802.5	7.205	157904	9.963	121322	13.816
EPA SAMPLE NO.						

IS1 (DCB) = 1,4-Dichlorobenzene-d4
IS2 (NPT) = Naphthalene-d8
IS3 (ANT) = Acenaphthene-d10

AREA UPPER LIMIT = +100% of internal standard area
AREA LOWER LIMIT = -50% of internal standard area
RT UPPER LIMIT = +0.50 minutes of internal standard RT
RT UPPER LIMIT = -0.50 minutes of internal standard RT

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

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8B

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BP100824 SAS No.: BP100824 SDG NO.: BP100824

EPA Sample No.: SSTD020791 Date Analyzed: Oct 8 2024 12:00AM

Lab File ID: BP022265.D Time Analyzed: 11:20

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

		IS1 (DCB) AREA #	RT #	IS2 (NPT) AREA #	RT #	IS3 (ANT) AREA #	RT #
	12 HOUR STD	80815	7.698	304317	10.46	239611	14.31
	UPPER LIMIT	161630	8.198	608634	10.957	479222	14.81
	LOWER LIMIT	40407.5	7.198	152158.5	9.957	119805.5	13.81
	EPA SAMPLE NO.						
01	SBLK678	114363	7.71	436088	10.46	344954	14.31
02	SLCS678	85869	7.71	352100	10.46	299690	14.32
03	A4ES0	148860	7.71	565889	10.46	452134	14.31
04	A4ES9	106672	7.71	398639	10.46	310673	14.32
05	A4EJ7	108112	7.71	420810	10.46	338478	14.30
06	A4EJ4	96031	7.70	355273	10.46	280543	14.31
07	A4ES6	97341	7.71	368845	10.46	286960	14.30
08	A4ER9	112574	7.71	440084	10.46	347143	14.32

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.: BP100824 SAS No.: BP100824 SDG NO.: BP100824

EPA Sample No.: SSTD020792 Date Analyzed: Oct 8 2024 12:00AM

Lab File ID: BP022274.D Time Analyzed: 17:29

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

		IS1 (DCB) AREA #	RT #	IS2 (NPT) AREA #	RT #	IS3 (ANT) AREA #	RT #
	12 HOUR STD	100176	7.699	396958	10.46	319136	14.30
	UPPER LIMIT	200352	8.199	793916	10.958	638272	14.804
	LOWER LIMIT	50088	7.199	198479	9.958	159568	13.804
	EPA SAMPLE NO.						
01	SBLK678	118449	7.71	434811	10.46	341427	14.31
02	A4EJ6	92621	7.71	344687	10.46	254272	14.32
03	A4ES5	119721	7.70	451126	10.46	352771	14.31
04	A4ER7	134621	7.70	488752	10.46	358435	14.32
05	A4ES8	140633	7.71	540726	10.46	391402	14.31
06	A4ER8	144868	7.71	543027	10.46	396064	14.32
07	A4ES4	139110	7.71	540639	10.46	426846	14.30
08	A4ES7	134286	7.70	515868	10.46	390495	14.30

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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8C

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BP100824 SAS No.: BP100824 SDG NO.: BP100824

EPA Sample No.: SSTD020623 Date Analyzed: Oct 8 2024 12:00AM

Lab File ID: BP022259.D Time Analyzed: 11:20

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

		IS4 (PHN) AREA #	RT #	IS5 (CRY) AREA #	RT #	IS6 (PRY) AREA #	RT #
	12 HOUR STD	593138	17.11	695777	21.539	837782	24.821
	UPPER LIMIT	1186276	17.61	1391554	22.039	1675564	25.321
	LOWER LIMIT	296569	16.61	347888.5	21.039	418891	24.321
	EPA SAMPLE NO.						
01	SBLK678	853743	17.11	957431	21.55	1.10206e+	24.84
02	SLCS678	776022	17.12	925865	21.55	1.0881e+0	24.83
03	A4ES0	1.06724	17.12	1.20145e+	21.54	1.44725e+	24.83
04	A4ES9	751708	17.11	867146	21.53	1.0647e+0	24.83
05	A4EJ7	812784	17.10	939604	21.55	1.18761e+	24.83
06	A4EJ4	680749	17.10	808855	21.54	1.02097e+	24.82
07	A4ES6	710946	17.11	907076	21.55	1.12567e+	24.83
08	A4ER9	837936	17.11	967036	21.55	1.15578e+	24.84
09	SBLK678	822002	17.10	912776	21.55	1.02648e+	24.83
10	A4EJ6	604851	17.10	787909	21.55	986488	24.82
11	A4ES5	848722	17.11	913573	21.54	1.10585e+	24.83
12	A4ER7	834666	17.11	950254	21.54	1.17444e+	24.82
13	A4ES8	866988	17.12	881331	21.55	1.10664e+	24.83
14	A4ER8	901344	17.10	932143	21.54	1.12812e+	24.82
15	A4ES4	996854	17.10	999418	21.54	1.18538e+	24.82
16	A4ES7	877167	17.10	909335	21.55	1.09411e+	24.84

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8C

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BP100824 SAS No.: BP100824 SDG NO.: BP100824

EPA Sample No.: SSTD020623 Date Analyzed: Oct 8 2024 12:00AM

Lab File ID: BP022259.D Time Analyzed: 22:15

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

	IS4 (PHN) AREA #	RT #	IS5 (CRY) AREA #	RT #	IS6 (PRY) AREA #	RT #
12 HOUR STD	593138	17.11	695777	21.539	837782	24.821
UPPER LIMIT	1186276	17.61	1391554	22.039	1675564	25.321
LOWER LIMIT	296569	16.61	347888.5	21.039	418891	24.321
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.: BP100824 SAS No.: BP100824 SDG NO.: BP100824

EPA Sample No.: SSTD020791 Date Analyzed: Oct 8 2024 12:00AM

Lab File ID: BP022265.D Time Analyzed: 11:20

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

		IS4 (PHN) AREA #	RT #	IS5 (CRY) AREA #	RT #	IS6 (PRY) AREA #	RT #
	12 HOUR STD	616091	17.11	724791	21.545	889010	24.833
	UPPER LIMIT	1232182	17.61	1449582	22.045	1778020	25.333
	LOWER LIMIT	308045.5	16.61	362395.5	21.045	444505	24.333
	EPA SAMPLE NO.						
01	SBLK678	853743	17.11	957431	21.55	1.10206e+	24.84
02	SLCS678	776022	17.12	925865	21.55	1.0881e+0	24.83
03	A4ES0	1.06724	17.12	1.20145e+	21.54	1.44725e+	24.83
04	A4ES9	751708	17.11	867146	21.53	1.0647e+0	24.83
05	A4EJ7	812784	17.10	939604	21.55	1.18761e+	24.83
06	A4EJ4	680749	17.10	808855	21.54	1.02097e+	24.82
07	A4ES6	710946	17.11	907076	21.55	1.12567e+	24.83
08	A4ER9	837936	17.11	967036	21.55	1.15578e+	24.84

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.: BP100824 SAS No.: BP100824 SDG NO.: BP100824

EPA Sample No.: SSTD020792 Date Analyzed: Oct 8 2024 12:00AM

Lab File ID: BP022274.D Time Analyzed: 17:29

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

		IS4 (PHN) AREA #	RT #	IS5 (CRY) AREA #	RT #	IS6 (PRY) AREA #	RT #
	12 HOUR STD	764809	17.098	812980	21.533	930710	24.827
	UPPER LIMIT	1529618	17.598	1625960	22.033	1861420	25.327
	LOWER LIMIT	382404.5	16.598	406490	21.033	465355	24.327
	EPA SAMPLE NO.						
01	SBLK678	822002	17.10	912776	21.55	1.02648e+	24.83
02	A4EJ6	604851	17.10	787909	21.55	986488	24.82
03	A4ES5	848722	17.11	913573	21.54	1.10585e+	24.83
04	A4ER7	834666	17.11	950254	21.54	1.17444e+	24.82
05	A4ES8	866988	17.12	881331	21.55	1.10664e+	24.83
06	A4ER8	901344	17.10	932143	21.54	1.12812e+	24.82
07	A4ES4	996854	17.10	999418	21.54	1.18538e+	24.82
08	A4ES7	877167	17.10	909335	21.55	1.09411e+	24.84

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.: BP100824

Client:

Analytical Method: SFAM_SVOC **DataFile:**

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	RPD Qual	Limits Low	Limits High	Limits RPD
PB163678BS	1,4-Dioxane	530	330	ug/Kg	62				0	0	
	Benzaldehyde	1300	890	ug/Kg	68				0	0	
	Pyridine	1300	800	ug/Kg	62				0	0	
	Phenol	1300	860	ug/Kg	66				0	0	
	Bis(2-chloroethyl)ether	1300	870	ug/Kg	67				0	0	
	2-Chlorophenol	1300	880	ug/Kg	68				0	0	
	2-Methylphenol	1300	880	ug/Kg	68				0	0	
	2,2-oxybis(1-Chloropropane)	1300	890	ug/Kg	68				0	0	
	Acetophenone	1300	890	ug/Kg	68				0	0	
	4-Methylphenol	1300	870	ug/Kg	67				0	0	
	N-Nitroso-di-n-propylamine	1300	930	ug/Kg	72				0	0	
	Hexachloroethane	1300	860	ug/Kg	66				0	0	
	Nitrobenzene	1300	850	ug/Kg	65				0	0	
	Isophorone	1300	880	ug/Kg	68				0	0	
	2-Nitrophenol	1300	890	ug/Kg	68				0	0	
	2,4-Dimethylphenol	1300	790	ug/Kg	61				0	0	
	Bis(2-chloroethoxy)methane	1300	870	ug/Kg	67				0	0	
	2,4-Dichlorophenol	1300	900	ug/Kg	69				0	0	
	Naphthalene	1300	860	ug/Kg	66				0	0	
	4-Chloroaniline	1300	720	ug/Kg	55				0	0	
	Hexachlorobutadiene	1300	870	ug/Kg	67				0	0	
	Caprolactam	1300	890	ug/Kg	68				0	0	
	4-Chloro-3-methylphenol	1300	930	ug/Kg	72				0	0	
	1-Methylnaphthalene	1300	880	ug/Kg	68				0	0	
	2-Methylnaphthalene	1300	880	ug/Kg	68				0	0	
	Hexachlorocyclopentadiene	1300	770	ug/Kg	59				0	0	
	2,4,6-Trichlorophenol	1300	840	ug/Kg	65				0	0	
	2,4,5-Trichlorophenol	1300	860	ug/Kg	66				0	0	
	1,1'-Biphenyl	1300	840	ug/Kg	65				0	0	
	2-Chloronaphthalene	1300	830	ug/Kg	64				0	0	
	2-Nitroaniline	1300	890	ug/Kg	68				0	0	
	Dimethylphthalate	1300	870	ug/Kg	67				0	0	
	2,6-Dinitrotoluene	1300	920	ug/Kg	71				0	0	
	Acenaphthylene	1300	850	ug/Kg	65				0	0	
	3-Nitroaniline	1300	860	ug/Kg	66				0	0	
	Acenaphthene	1300	850	ug/Kg	65				0	0	
	2,4-Dinitrophenol	1300	860	ug/Kg	66				0	0	
	4-Nitrophenol	1300	910	ug/Kg	70				0	0	
	Dibenzofuran	1300	870	ug/Kg	67				0	0	
	2,4-Dinitrotoluene	1300	930	ug/Kg	72				0	0	
	Diethylphthalate	1300	920	ug/Kg	71				0	0	
	Fluorene	1300	890	ug/Kg	68				0	0	
	4-Chlorophenyl-phenylether	1300	890	ug/Kg	68				0	0	
	4-Nitroaniline	1300	970	ug/Kg	75				0	0	

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Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: BP100824

Client:

Analytical Method: SFAM_SVOC **DataFile:**

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	RPD Qual	Limits Low	Limits High	Limits RPD
PB163678BS	4,6-Dinitro-2-methylphenol	1300	840	ug/Kg	65				0	0	
	N-Nitrosodiphenylamine	1300	850	ug/Kg	65				0	0	
	1,2,4,5-Tetrachlorobenzene	1300	820	ug/Kg	63				0	0	
	4-Bromophenyl-phenylether	1300	880	ug/Kg	68				0	0	
	Hexachlorobenzene	1300	870	ug/Kg	67				0	0	
	Atrazine	1300	720	ug/Kg	55				0	0	
	Pentachlorophenol	1300	820	ug/Kg	63				0	0	
	Phenanthrene	1300	860	ug/Kg	66				0	0	
	Pentachlorobenzene	1300	780	ug/Kg	60				0	0	
	Anthracene	1300	870	ug/Kg	67				0	0	
	1,2,3,4-Tetrachlorobenzene	1300	760	ug/Kg	58				0	0	
	Carbazole	1300	870	ug/Kg	67				0	0	
	Di-n-butylphthalate	1300	930	ug/Kg	72				0	0	
	Fluoranthene	1300	850	ug/Kg	65				0	0	
	Pyrene	1300	840	ug/Kg	65				0	0	
	Butylbenzylphthalate	1300	890	ug/Kg	68				0	0	
	3,3'-Dichlorobenzidine	1300	900	ug/Kg	69				0	0	
	Benzo(a)anthracene	1300	850	ug/Kg	65				0	0	
	Chrysene	1300	860	ug/Kg	66				0	0	
	Bis(2-ethylhexyl)phthalate	1300	920	ug/Kg	71				0	0	
	Di-n-octylphthalate	1300	900	ug/Kg	69				0	0	
	Benzo(b)fluoranthene	1300	880	ug/Kg	68				0	0	
	Benzo(k)fluoranthene	1300	870	ug/Kg	67				0	0	
	Benzo(a)pyrene	1300	840	ug/Kg	65				0	0	
	Indeno(1,2,3-cd)pyrene	1300	830	ug/Kg	64				0	0	
	Dibenzo(a,h)anthracene	1300	830	ug/Kg	64				0	0	
	Benzo(g,h,i)perylene	1300	820	ug/Kg	63				0	0	
	2,3,4,6-Tetrachlorophenol	1300	880	ug/Kg	68				0	0	

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4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

SBLK678

Lab Name: CHEMTECH Contract:

Lab Code: CHEM Case No.: BP100824 SAS No.: BP100824 SDG NO.: BP100824

Lab File ID: BP022266.D Lab Sample ID: PB163678BL

Instrument ID: BNA_P Date Extracted: 09/25/2024

Matrix: (soil/water) Solid Date Analyzed: 10/08/2024

Level: (low/med) LOW Time Analyzed: 11:20

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
A4EJ6	P4162-21	BP022276.D	10/08/2024
A4ES5	P4162-06	BP022277.D	10/08/2024
A4ER7	P4162-01	BP022278.D	10/08/2024
A4ES8	P4162-09	BP022279.D	10/08/2024
A4ER8	P4162-02	BP022280.D	10/08/2024
A4ES4	P4162-05	BP022281.D	10/08/2024
A4ES7	P4162-08	BP022282.D	10/08/2024
PB163678BS	PB163678BS	BP022267.D	10/08/2024
A4ES0	P4162-04	BP022268.D	10/08/2024
A4ES9	P4162-10	BP022269.D	10/08/2024
A4EJ7	P4162-22	BP022270.D	10/08/2024
A4EJ4	P4162-19	BP022271.D	10/08/2024
A4ES6	P4162-07	BP022272.D	10/08/2024
A4ER9	P4162-03	BP022273.D	10/08/2024

COMMENTS:

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Surrogate Summary

SW-846

SDG No.: BP100824

Client:

Analytical Method: SFAM_SVOC

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%) Low	Limits (%) High
P4162-01	A4ER7	BP022278.D	1,4-Dioxane-d8	8	1.82	23		15	120
			Pyridine-d5	40	0.86	2	*	20	120
			Phenol-d5	40	9.11	23		10	130
			Bis(2-Chloroethyl)ether-d8	40	10.02	25		10	150
			2-Chlorophenol-d4	40	10.52	26		15	120
			4-Methylphenol-d8	40	7.71	19		10	140
			Nitrobenzene-d5	40	10.00	25		10	135
			2-Nitrophenol-d4	40	10.19	25		10	120
			2,4-Dichlorophenol-d3	40	10.13	25		10	140
			4-Chloroaniline-d4	40	4.56	11		1	145
			Dimethylphthalate-d6	40	10.61	27		10	145
			Acenaphthylene-d8	40	10.55	26		15	120
			4-Nitrophenol-d4	40	6.44	16		10	150
			Fluorene-d10	40	10.94	27		20	140
			4,6-Dinitro-2-methylphenol-d2	40	7.65	19		10	130
			Anthracene-d10	40	10.80	27		10	150
			Pyrene-d10	40	8.99	22		10	130
			Benzo(a)pyrene-d12	40	6.05	15		10	140
P4162-02	A4ER8	BP022280.D	1,4-Dioxane-d8	8	1.52	19		15	120
			Pyridine-d5	40	0.93	2	*	20	120
			Phenol-d5	40	8.88	22		10	130
			Bis(2-Chloroethyl)ether-d8	40	9.47	24		10	150
			2-Chlorophenol-d4	40	9.78	24		15	120
			4-Methylphenol-d8	40	7.97	20		10	140
			Nitrobenzene-d5	40	9.73	24		10	135
			2-Nitrophenol-d4	40	9.35	23		10	120
			2,4-Dichlorophenol-d3	40	9.56	24		10	140
			4-Chloroaniline-d4	40	3.87	10		1	145
			Dimethylphthalate-d6	40	10.29	26		10	145
			Acenaphthylene-d8	40	10.17	25		15	120
			4-Nitrophenol-d4	40	6.39	16		10	150
			Fluorene-d10	40	10.38	26		20	140
			4,6-Dinitro-2-methylphenol-d2	40	6.82	17		10	130
			Anthracene-d10	40	10.30	26		10	150
			Pyrene-d10	40	8.83	22		10	130
			Benzo(a)pyrene-d12	40	5.47	14		10	140
P4162-03	A4ER9	BP022273.D	1,4-Dioxane-d8	8	3.40	43		15	120
			Pyridine-d5	40	17.96	45		20	120
			Phenol-d5	40	22.09	55		10	130
			Bis(2-Chloroethyl)ether-d8	40	21.89	55		10	150
			2-Chlorophenol-d4	40	22.28	56		15	120
			4-Methylphenol-d8	40	24.11	60		10	140
			Nitrobenzene-d5	40	23.06	58		10	135
			2-Nitrophenol-d4	40	24.57	61		10	120
			2,4-Dichlorophenol-d3	40	24.70	62		10	140
			4-Chloroaniline-d4	40	23.18	58		1	145
			Dimethylphthalate-d6	40	29.79	74		10	145
			Acenaphthylene-d8	40	28.25	71		15	120
			4-Nitrophenol-d4	40	25.59	64		10	150

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Surrogate Summary

SW-846

SDG No.: BP100824

Client:

Analytical Method: SFAM_SVOC

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%) Low	Limits (%) High
P4162-03	A4ER9	BP022273.D	Fluorene-d10	40	30.28	76		20	140
			4,6-Dinitro-2-methylphenol-d2	40	24.48	61		10	130
			Anthracene-d10	40	31.71	79		10	150
			Pyrene-d10	40	31.45	79		10	130
			Benzo(a)pyrene-d12	40	31.60	79		10	140
P4162-04	A4ES0	BP022268.D	1,4-Dioxane-d8	8	2.73	34		15	120
			Pyridine-d5	40	14.41	36		20	120
			Phenol-d5	40	15.50	39		10	130
			Bis(2-Chloroethyl)ether-d8	40	16.47	41		10	150
			2-Chlorophenol-d4	40	16.22	41		15	120
			4-Methylphenol-d8	40	15.96	40		10	140
			Nitrobenzene-d5	40	16.72	42		10	135
			2-Nitrophenol-d4	40	16.97	42		10	120
			2,4-Dichlorophenol-d3	40	16.08	40		10	140
			4-Chloroaniline-d4	40	16.31	41		1	145
			Dimethylphthalate-d6	40	19.44	49		10	145
			Acenaphthylene-d8	40	17.95	45		15	120
			4-Nitrophenol-d4	40	16.26	41		10	150
			Fluorene-d10	40	19.03	48		20	140
			4,6-Dinitro-2-methylphenol-d2	40	15.82	40		10	130
			Anthracene-d10	40	19.68	49		10	150
			Pyrene-d10	40	20.09	50		10	130
			Benzo(a)pyrene-d12	40	20.36	51		10	140
P4162-05	A4ES4	BP022281.D	1,4-Dioxane-d8	8	1.64	20		15	120
			Pyridine-d5	40	0.63	2	*	20	120
			Phenol-d5	40	8.53	21		10	130
			Bis(2-Chloroethyl)ether-d8	40	10.23	26		10	150
			2-Chlorophenol-d4	40	10.18	25		15	120
			4-Methylphenol-d8	40	8.01	20		10	140
			Nitrobenzene-d5	40	10.13	25		10	135
			2-Nitrophenol-d4	40	10.36	26		10	120
			2,4-Dichlorophenol-d3	40	10.00	25		10	140
			4-Chloroaniline-d4	40	4.67	12		1	145
			Dimethylphthalate-d6	40	10.57	26		10	145
			Acenaphthylene-d8	40	10.27	26		15	120
			4-Nitrophenol-d4	40	6.99	17		10	150
			Fluorene-d10	40	11.00	27		20	140
			4,6-Dinitro-2-methylphenol-d2	40	8.25	21		10	130
			Anthracene-d10	40	11.51	29		10	150
			Pyrene-d10	40	10.23	26		10	130
			Benzo(a)pyrene-d12	40	6.25	16		10	140
P4162-06	A4ES5	BP022277.D	1,4-Dioxane-d8	8	2.53	32		15	120
			Pyridine-d5	40	12.53	31		20	120
			Phenol-d5	40	14.17	35		10	130
			Bis(2-Chloroethyl)ether-d8	40	15.02	38		10	150
			2-Chlorophenol-d4	40	15.31	38		15	120
			4-Methylphenol-d8	40	15.43	39		10	140
			Nitrobenzene-d5	40	15.87	40		10	135
			2-Nitrophenol-d4	40	16.06	40		10	120

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Surrogate Summary

SW-846

SDG No.: BP100824

Client:

Analytical Method: SFAM_SVOC

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%) Low	Limits (%) High
P4162-06	A4ES5	BP022277.D	2,4-Dichlorophenol-d3	40	15.78	39		10	140
			4-Chloroaniline-d4	40	15.77	39		1	145
			Dimethylphthalate-d6	40	18.64	47		10	145
			Acenaphthylene-d8	40	17.75	44		15	120
			4-Nitrophenol-d4	40	14.61	37		10	150
			Fluorene-d10	40	18.88	47		20	140
			4,6-Dinitro-2-methylphenol-d2	40	13.77	34		10	130
			Anthracene-d10	40	18.73	47		10	150
			Pyrene-d10	40	20.52	51		10	130
			Benzo(a)pyrene-d12	40	19.55	49		10	140
P4162-07	A4ES6	BP022272.D	Pyridine-d5	40	14.42	36		20	120
			1,4-Dioxane-d8	8	2.94	37		15	120
			Phenol-d5	40	16.92	42		10	130
			Bis(2-Chloroethyl)ether-d8	40	17.08	43		10	150
			2-Chlorophenol-d4	40	17.29	43		15	120
			4-Methylphenol-d8	40	17.94	45		10	140
			Nitrobenzene-d5	40	17.44	44		10	135
			2-Nitrophenol-d4	40	17.75	44		10	120
			2,4-Dichlorophenol-d3	40	18.09	45		10	140
			4-Chloroaniline-d4	40	17.08	43		1	145
			Dimethylphthalate-d6	40	20.18	50		10	145
			Acenaphthylene-d8	40	19.32	48		15	120
			4-Nitrophenol-d4	40	17.50	44		10	150
			Fluorene-d10	40	20.35	51		20	140
			4,6-Dinitro-2-methylphenol-d2	40	15.19	38		10	130
			Anthracene-d10	40	20.64	52		10	150
			Pyrene-d10	40	19.29	48		10	130
			Benzo(a)pyrene-d12	40	20.65	52		10	140
P4162-08	A4ES7	BP022282.D	1,4-Dioxane-d8	8	1.44	18		15	120
			Pyridine-d5	40	0.98	2	*	20	120
			Phenol-d5	40	7.05	18		10	130
			Bis(2-Chloroethyl)ether-d8	40	9.83	25		10	150
			2-Chlorophenol-d4	40	9.16	23		15	120
			4-Methylphenol-d8	40	4.72	12		10	140
			Nitrobenzene-d5	40	9.96	25		10	135
			2-Nitrophenol-d4	40	9.29	23		10	120
			2,4-Dichlorophenol-d3	40	8.55	21		10	140
			4-Chloroaniline-d4	40	1.85	5		1	145
			Dimethylphthalate-d6	40	10.22	26		10	145
			Acenaphthylene-d8	40	10.58	26		15	120
			4-Nitrophenol-d4	40	3.04	8	*	10	150
			Fluorene-d10	40	10.83	27		20	140
			4,6-Dinitro-2-methylphenol-d2	40	6.18	15		10	130
			Anthracene-d10	40	11.37	28		10	150
			Pyrene-d10	40	9.73	24		10	130
			Benzo(a)pyrene-d12	40	6.15	15		10	140
P4162-09	A4ES8	BP022279.D	1,4-Dioxane-d8	8	2.12	26		15	120
			Pyridine-d5	40	9.17	23		20	120
			Phenol-d5	40	12.60	31		10	130

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Surrogate Summary

SW-846

SDG No.: BP100824

Client:

Analytical Method: SFAM_SVOC

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%) Low	Limits (%) High
P4162-09	A4ES8	BP022279.D	Bis(2-Chloroethyl)ether-d8	40	13.59	34		10	150
			2-Chlorophenol-d4	40	13.75	34		15	120
			4-Methylphenol-d8	40	13.47	34		10	140
			Nitrobenzene-d5	40	13.56	34		10	135
			2-Nitrophenol-d4	40	14.44	36		10	120
			2,4-Dichlorophenol-d3	40	14.21	36		10	140
			4-Chloroaniline-d4	40	12.60	31		1	145
			Dimethylphthalate-d6	40	16.16	40		10	145
			Acenaphthylene-d8	40	15.93	40		15	120
			4-Nitrophenol-d4	40	10.43	26		10	150
			Fluorene-d10	40	15.83	40		20	140
			4,6-Dinitro-2-methylphenol-d2	40	12.44	31		10	130
			Anthracene-d10	40	16.40	41		10	150
			Pyrene-d10	40	17.69	44		10	130
			Benzo(a)pyrene-d12	40	16.59	41		10	140
P4162-10	A4ES9	BP022269.D	1,4-Dioxane-d8	8	2.63	33		15	120
			Pyridine-d5	40	12.89	32		20	120
			Phenol-d5	40	14.05	35		10	130
			Bis(2-Chloroethyl)ether-d8	40	15.30	38		10	150
			2-Chlorophenol-d4	40	14.82	37		15	120
			4-Methylphenol-d8	40	14.43	36		10	140
			Nitrobenzene-d5	40	14.87	37		10	135
			2-Nitrophenol-d4	40	15.50	39		10	120
			2,4-Dichlorophenol-d3	40	14.77	37		10	140
			4-Chloroaniline-d4	40	15.01	38		1	145
			Dimethylphthalate-d6	40	18.43	46		10	145
			Acenaphthylene-d8	40	16.85	42		15	120
			4-Nitrophenol-d4	40	13.41	34		10	150
			Fluorene-d10	40	18.09	45		20	140
			4,6-Dinitro-2-methylphenol-d2	40	12.75	32		10	130
			Anthracene-d10	40	18.56	46		10	150
			Pyrene-d10	40	18.73	47		10	130
			Benzo(a)pyrene-d12	40	18.98	47		10	140
P4162-19	A4EJ4	BP022271.D	Pyridine-d5	40	0.27	1	*	20	120
			1,4-Dioxane-d8	8	1.68	21		15	120
			Phenol-d5	40	7.47	19		10	130
			Bis(2-Chloroethyl)ether-d8	40	8.68	22		10	150
			2-Chlorophenol-d4	40	8.50	21		15	120
			4-Methylphenol-d8	40	5.65	14		10	140
			Nitrobenzene-d5	40	8.46	21		10	135
			2-Nitrophenol-d4	40	7.96	20		10	120
			2,4-Dichlorophenol-d3	40	7.79	19		10	140
			4-Chloroaniline-d4	40	6.76	17		1	145
			Dimethylphthalate-d6	40	9.37	23		10	145
			Acenaphthylene-d8	40	8.57	21		15	120
			4-Nitrophenol-d4	40	5.37	13		10	150
			Fluorene-d10	40	9.58	24		20	140
			4,6-Dinitro-2-methylphenol-d2	40	5.39	13		10	130
			Anthracene-d10	40	9.29	23		10	150

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Surrogate Summary

SW-846

SDG No.: BP100824

Client:

Analytical Method: SFAM_SVOC

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%) Low	Limits (%) High
P4162-19	A4EJ4	BP022271.D	Pyrene-d10	40	7.43	19		10	130
			Benzo(a)pyrene-d12	40	5.05	13		10	140
P4162-21	A4EJ6	BP022276.D	Pyridine-d5	40	12.81	32		20	120
			1,4-Dioxane-d8	8	2.94	37		15	120
			Phenol-d5	40	13.97	35		10	130
			Bis(2-Chloroethyl)ether-d8	40	15.08	38		10	150
			2-Chlorophenol-d4	40	15.63	39		15	120
			4-Methylphenol-d8	40	14.17	35		10	140
			Nitrobenzene-d5	40	15.42	39		10	135
			2-Nitrophenol-d4	40	15.57	39		10	120
			2,4-Dichlorophenol-d3	40	15.72	39		10	140
			4-Chloroaniline-d4	40	14.63	37		1	145
			Dimethylphthalate-d6	40	18.03	45		10	145
			Acenaphthylene-d8	40	17.99	45		15	120
			4-Nitrophenol-d4	40	11.90	30		10	150
			Fluorene-d10	40	19.33	48		20	140
			4,6-Dinitro-2-methylphenol-d2	40	13.08	33		10	130
			Anthracene-d10	40	19.85	50		10	150
			Pyrene-d10	40	19.02	48		10	130
			Benzo(a)pyrene-d12	40	20.44	51		10	140
P4162-22	A4EJ7	BP022270.D	Pyridine-d5	40	14.98	37		20	120
			1,4-Dioxane-d8	8	3.17	40		15	120
			Phenol-d5	40	17.68	44		10	130
			Bis(2-Chloroethyl)ether-d8	40	19.00	48		10	150
			2-Chlorophenol-d4	40	18.48	46		15	120
			4-Methylphenol-d8	40	18.73	47		10	140
			Nitrobenzene-d5	40	18.53	46		10	135
			2-Nitrophenol-d4	40	19.12	48		10	120
			2,4-Dichlorophenol-d3	40	18.01	45		10	140
			4-Chloroaniline-d4	40	18.76	47		1	145
			Dimethylphthalate-d6	40	21.78	54		10	145
			Acenaphthylene-d8	40	20.12	50		15	120
			4-Nitrophenol-d4	40	14.60	37		10	150
			Fluorene-d10	40	20.85	52		20	140
			4,6-Dinitro-2-methylphenol-d2	40	14.95	37		10	130
			Anthracene-d10	40	21.58	54		10	150
			Pyrene-d10	40	21.21	53		10	130
			Benzo(a)pyrene-d12	40	21.16	53		10	140
PB163678BL	PB163678BL	BP022275.D	1,4-Dioxane-d8	8	4.31	54		15	120
		BP022266.D	1,4-Dioxane-d8	8	4.76	60		15	120
			Pyridine-d5	40	22.71	57		20	120
		BP022275.D	Pyridine-d5	40	21.24	53		20	120
			Phenol-d5	40	21.29	53		10	130
		BP022266.D	Phenol-d5	40	21.48	54		10	130
			Bis(2-Chloroethyl)ether-d8	40	22.91	57		10	150
		BP022275.D	Bis(2-Chloroethyl)ether-d8	40	22.02	55		10	150
			2-Chlorophenol-d4	40	22.60	56		15	120
		BP022266.D	2-Chlorophenol-d4	40	23.12	58		15	120
			4-Methylphenol-d8	40	21.47	54		10	140

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Surrogate Summary

SW-846

SDG No.: BP100824

Client:

Analytical Method: SFAM_SVOC

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%) Low	Limits (%) High
PB163678BL	PB163678BL	BP022275.D	4-Methylphenol-d8	40	21.56	54		10	140
			Nitrobenzene-d5	40	22.83	57		10	135
		BP022266.D	Nitrobenzene-d5	40	22.88	57		10	135
			2-Nitrophenol-d4	40	22.74	57		10	120
		BP022275.D	2-Nitrophenol-d4	40	22.90	57		10	120
			2,4-Dichlorophenol-d3	40	21.14	53		10	140
		BP022266.D	2,4-Dichlorophenol-d3	40	21.40	53		10	140
			4-Chloroaniline-d4	40	22.55	56		1	145
		BP022275.D	4-Chloroaniline-d4	40	22.36	56		1	145
			Dimethylphthalate-d6	40	22.94	57		10	145
		BP022266.D	Dimethylphthalate-d6	40	23.92	60		10	145
			Acenaphthylene-d8	40	22.66	57		15	120
		BP022275.D	Acenaphthylene-d8	40	22.47	56		15	120
			4-Nitrophenol-d4	40	19.05	48		10	150
		BP022266.D	4-Nitrophenol-d4	40	19.19	48		10	150
			Fluorene-d10	40	22.90	57		20	140
		BP022275.D	Fluorene-d10	40	22.53	56		20	140
			4,6-Dinitro-2-methylphenol-d2	40	17.86	45		10	130
		BP022266.D	4,6-Dinitro-2-methylphenol-d2	40	19.08	48		10	130
			Anthracene-d10	40	23.15	58		10	150
		BP022275.D	Anthracene-d10	40	23.05	58		10	150
		BP022266.D	Pyrene-d10	40	23.14	58		10	130
		BP022275.D	Pyrene-d10	40	23.17	58		10	130
		BP022266.D	Benzo(a)pyrene-d12	40	22.61	57		10	140
		BP022275.D	Benzo(a)pyrene-d12	40	23.25	58		10	140
PB163678BS	PB163678BS	BP022267.D	1,4-Dioxane-d8	8	5.14	64		15	120
			Pyridine-d5	40	24.96	62		20	120
			Phenol-d5	40	26.23	66		10	130
			Bis(2-Chloroethyl)ether-d8	40	26.61	67		10	150
			2-Chlorophenol-d4	40	27.58	69		15	120
			4-Methylphenol-d8	40	27.35	68		10	140
			Nitrobenzene-d5	40	26.39	66		10	135
			2-Nitrophenol-d4	40	27.26	68		10	120
			2,4-Dichlorophenol-d3	40	27.48	69		10	140
			4-Chloroaniline-d4	40	26.06	65		1	145
			Dimethylphthalate-d6	40	27.41	69		10	145
			Acenaphthylene-d8	40	26.49	66		15	120
			4-Nitrophenol-d4	40	26.36	66		10	150
			Fluorene-d10	40	27.65	69		20	140
			4,6-Dinitro-2-methylphenol-d2	40	25.82	65		10	130
			Anthracene-d10	40	26.69	67		10	150
			Pyrene-d10	40	26.48	66		10	130
			Benzo(a)pyrene-d12	40	27.03	68		10	140

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5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK

DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: CHEMTECH Contract: BP100824

Lab Code: CHEM SAS No.: BP100824 SDG NO.: BP100824

Lab File ID: BP022264.D DFTPP Injection Date: 10/08/2024

Instrument ID: BNA_P DFTPP Injection Time: 09:59

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
51	10.0 - 80.0% of mass 198	26.3
68	Less than 2.0% of mass 69	0.5 (1.8) 1
69	Mass 69 relative abundance	30.9
70	Less than 2.0% of mass 69	0.1 (0.5) 1
127	10.0 - 80.0% of mass 198	37.5
197	Less than 2.0% of mass 198	0.4
198	Base Peak, 100% relative abundance	100
199	5.0 to 9.0% of mass 198	6.9
275	10.0 - 60.0% of mass 198	31.1
365	Greater than 1% of mass 198	3.8
441	Present, but less than mass 443	11.2
442	Greater than 50% of mass 198	72
443	15.0 - 24.0% of mass 442	14.1 (19.5) 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
SSTD020791	SSTDCCC020	BP022265.D	10/08/2024	10:40
SBLK678	PB163678BL	BP022266.D	10/08/2024	11:20
SLCS678	PB163678BS	BP022267.D	10/08/2024	12:01
A4ES0	P4162-04	BP022268.D	10/08/2024	12:42
A4ES9	P4162-10	BP022269.D	10/08/2024	13:23
A4EJ7	P4162-22	BP022270.D	10/08/2024	14:04
A4EJ4	P4162-19	BP022271.D	10/08/2024	14:45
A4ES6	P4162-07	BP022272.D	10/08/2024	15:26
A4ER9	P4162-03	BP022273.D	10/08/2024	16:07
SSTD020792	SSTDCCC020EC	BP022274.D	10/08/2024	16:48
SBLK678	PB163678BL	BP022275.D	10/08/2024	17:29
A4EJ6	P4162-21	BP022276.D	10/08/2024	18:10
A4ES5	P4162-06	BP022277.D	10/08/2024	18:51
A4ER7	P4162-01	BP022278.D	10/08/2024	19:32
A4ES8	P4162-09	BP022279.D	10/08/2024	20:13
A4ER8	P4162-02	BP022280.D	10/08/2024	20:53
A4ES4	P4162-05	BP022281.D	10/08/2024	21:34
A4ES7	P4162-08	BP022282.D	10/08/2024	22:15