

7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: _____

Lab Code: CHEM Case No.: BG121324 SAS No.: BG121324 SDG No.: BG121324

Instrument ID: BNA_G Calibration Date/Time: 12/13/2024 : 10:20

Lab File ID: BG063671.D Init. Calib. Date(s): _____

EPA Sample No.: SSTD020564 Init. Calib. Time(s): _____

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

COMPOUND	RRF	RRFCAL	MIN RRF	%D	MAX%D
1,4-Dioxane	0.604	0.485	0.010	-19.7505	40.0
Benzaldehyde	1.130	1.331	0.010	17.8183	40.0
Pyridine	1.724	1.456	0.010	-15.5726	40.0
Phenol	1.963	1.953	0.080	-0.5379	20.0
Bis(2-Chloroethyl)ether	1.502	1.437	0.100	-4.3402	20.0
2-Chlorophenol	1.207	1.306	0.200	8.2326	20.0
2-Methylphenol	1.419	1.481	0.010	4.3527	20.0
2,2-oxybis(1-Chloropropane)	2.230	2.323	0.010	4.1591	40.0
Acetophenone	2.426	2.540	0.060	4.6981	20.0
4-Methylphenol	1.553	1.638	0.010	5.4919	20.0
N-Nitroso-di-n-propylamine	1.447	1.438	0.050	-0.6546	30.0
Hexachloroethane	0.593	0.548	0.100	-7.6012	20.0
Nitrobenzene	0.477	0.451	0.050	-5.3718	25.0
Isophorone	0.901	0.841	0.050	-6.6439	25.0
2-Nitrophenol	0.165	0.174	0.050	5.5592	25.0
2,4-Dimethylphenol	0.373	0.379	0.050	1.4754	25.0
Bis(2-Chloroethoxy)methane	0.487	0.498	0.050	2.2868	20.0
2,4-Dichlorophenol	0.308	0.320	0.060	3.9607	20.0
Naphthalene	1.000	1.026	0.200	2.6099	20.0
4-Chloroaniline	0.374	0.390	0.010	4.1411	40.0
Hexachlorobutadiene	0.250	0.235	0.040	-6.0435	30.0
Caprolactam	0.106	0.117	0.010	9.5862	40.0
4-Chloro-3-methylphenol	0.362	0.376	0.040	4.1285	25.0
1-Methylnaphthalene	0.732	0.748	0.100	2.1319	20.0
2-Methylnaphthalene	0.719	0.738	0.100	2.7204	20.0
Hexachlorocyclopentadiene	0.253	0.201	0.010	-20.477	40.0
2,4,6-Trichlorophenol	0.362	0.398	0.090	10.0185	25.0
2,4,5-Trichlorophenol	0.378	0.429	0.100	13.7051	25.0
1,1-Biphenyl	1.319	1.424	0.200	7.9853	20.0
2-Chloronaphthalene	1.059	1.132	0.300	6.8438	20.0
2-Nitroaniline	0.355	0.392	0.050	10.4592	40.0
Dimethylphthalate	1.364	1.451	0.300	6.3607	20.0
2,6-Dinitrotoluene	0.253	0.278	0.080	9.8902	30.0
Acenaphthylene	1.663	1.785	0.400	7.3357	20.0
3-Nitroaniline	0.234	0.283	0.010	20.9795	40.0
Acenaphthene	1.179	1.244	0.200	5.5321	20.0
2,4-Dinitrophenol	0.129	0.121	0.010	-6.9108	40.0
4-Nitrophenol	0.200	0.197	0.010	-1.845	40.0
Dibenzofuran	1.662	1.825	0.300	9.7907	20.0

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Lab File ID: BG063671.D Init. Calib. Date(s): _____

EPA Sample No.: SSTD020564 Init. Calib. Time(s): _____

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

COMPOUND	RRF	RRFCAL	MIN RRF	%D	MAX%D
2,4-Dinitrotoluene	0.376	0.423	0.070	12.4804	30.0
Diethylphthalate	1.319	1.420	0.300	7.7278	20.0
Fluorene	1.327	1.430	0.200	7.7094	20.0
4-Chlorophenyl-phenylether	0.739	0.774	0.100	4.6382	20.0
4-Nitroaniline	0.234	0.292	0.010	24.3649	40.0
4,6-Dinitro-2-methylphenol	0.107	0.099	0.010	-7.5039	40.0
N-Nitrosodiphenylamine	0.484	0.518	0.050	7.0101	20.0
1,2,4,5-Tetrachlorobenzene	0.640	0.654	0.100	2.1231	20.0
4-Bromophenyl-phenylether	0.204	0.204	0.070	0.0213	20.0
Hexachlorobenzene	0.228	0.227	0.050	-0.6629	25.0
Atrazine	0.205	0.221	0.010	7.7579	25.0
Pentachlorophenol	0.096	0.083	0.010	-14.0893	40.0
Phenanthrene	0.964	1.032	0.200	7.1044	20.0
Pentachlorobenzene	0.264	0.265	0.050	0.3882	20.0
Anthracene	0.975	1.042	0.200	6.7945	20.0
1,2,3,4-Tetrachlorobenzene	0.267	0.271	0.050	1.6902	20.0
Carbazole	0.790	0.907	0.050	14.8077	40.0
Di-n-butylphthalate	0.954	1.058	0.500	10.9555	25.0
Fluoranthene	1.183	1.314	0.400	11.0809	25.0
Pyrene	1.259	1.402	0.400	11.4078	25.0
Butylbenzylphthalate	0.386	0.456	0.100	18.0079	40.0
3,3-Dichlorobenzidine	0.361	0.423	0.010	17.1673	40.0
Benzo (a) anthracene	1.253	1.335	0.300	6.4845	30.0
Chrysene	1.195	1.263	0.200	5.685	30.0
Bis(2-ethylhexyl)phthalate	0.562	0.673	0.200	19.8357	40.0
Di-n-octyl phthalate	0.863	1.099	0.010	27.3139	40.0
Benzo (b) fluoranthene	1.137	1.188	0.200	4.5028	25.0
Benzo (k) fluoranthene	1.134	1.203	0.200	6.0905	25.0
Benzo (a) pyrene	1.067	1.104	0.200	3.4678	20.0
Indeno (1,2,3-cd) pyrene	1.303	1.365	0.200	4.7781	25.0
Dibenzo (a,h) anthracene	1.043	1.102	0.200	5.7308	30.0
Benzo (g,h,i) perylene	1.034	1.046	0.200	1.1944	30.0
2,3,4,6-Tetrachlorophenol	0.326	0.334	0.040	2.6904	20.0
1,4-Dioxane-d8	0.510	0.433	0.010	-15.158	25.0
Pyridine-d5	1.610	1.367	0.010	-15.1108	40.0
Phenol-d5	1.842	1.846	0.010	0.1918	25.0
Bis- (2-Chloroethyl) ether-d8	1.272	1.258	0.050	-1.1478	25.0
2-Chlorophenol-d4	1.193	1.247	0.200	4.5976	20.0
4-Methylphenol-d8	1.430	1.488	0.010	4.0769	20.0

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Lab Code: CHEM Case No.: BG121324 SAS No.: BG121324 SDG No.: BG121324

Instrument ID: BNA_G Calibration Date/Time: 12/13/2024 : 10:20

Lab File ID: BG063671.D Init. Calib. Date(s): _____

EPA Sample No.: SSTD020564 Init. Calib. Time(s): _____

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

COMPOUND	RRF	RRFCAL	MIN RRF	%D	MAX%D
Nitrobenzene-d5	0.143	0.148	0.050	3.7805	20.0
2-Nitrophenol-d4	0.160	0.169	0.050	5.4617	30.0
2,4-Dichlorophenol-d3	0.310	0.327	0.060	5.3909	20.0
4-Chloroaniline-d4	0.394	0.415	0.010	5.4163	40.0
Dimethylphthalate-d6	1.361	1.438	0.300	5.6695	20.0
Acenaphthylene-d8	1.551	1.649	0.400	6.2745	20.0
4-Nitrophenol-d4	0.193	0.207	0.010	7.2018	40.0
Fluorene-d10	1.203	1.282	0.100	6.5833	20.0
4,6-Dinitro-2-methylphenol-d2	0.104	0.098	0.010	-5.9205	40.0
Anthracene-d10	0.860	0.909	0.300	5.7327	20.0
Pyrene-d10	1.041	1.124	0.300	8.0458	25.0
Benzo(a)pyrene-d12	0.939	0.983	0.010	4.6808	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.: BG121324 SAS No.: BG121324 SDG No.: BG121324

Instrument ID: BNA_G Calibration Date/Time: 12/13/2024 : 16:23

Lab File ID: BG063680.D Init. Calib. Date(s): _____

EPA Sample No.: SSTD020565 Init. Calib. Time(s): _____

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

COMPOUND	RRF	RRFCAL	MIN RRF	%D	MAX%D
1,4-Dioxane	0.604	0.484	0.010	-19.9116	50.0
Benzaldehyde	1.130	1.234	0.010	9.2102	50.0
Pyridine	1.724	1.439	0.010	-16.5646	50.0
Phenol	1.963	1.937	0.080	-1.3054	50.0
Bis(2-Chloroethyl)ether	1.502	1.410	0.100	-6.1107	50.0
2-Chlorophenol	1.207	1.275	0.200	5.6489	50.0
2-Methylphenol	1.419	1.485	0.010	4.6576	50.0
2,2-oxybis(1-Chloropropane)	2.230	2.201	0.010	-1.3	50.0
Acetophenone	2.426	2.479	0.060	2.2039	50.0
4-Methylphenol	1.553	1.596	0.010	2.7574	50.0
N-Nitroso-di-n-propylamine	1.447	1.440	0.050	-0.5151	50.0
Hexachloroethane	0.593	0.559	0.100	-5.8116	50.0
Nitrobenzene	0.477	0.466	0.050	-2.2902	50.0
Isophorone	0.901	0.908	0.050	0.8076	50.0
2-Nitrophenol	0.165	0.184	0.050	11.6717	50.0
2,4-Dimethylphenol	0.373	0.396	0.050	6.0807	50.0
Bis(2-Chloroethoxy)methane	0.487	0.488	0.050	0.1491	50.0
2,4-Dichlorophenol	0.308	0.329	0.060	6.7492	50.0
Naphthalene	1.000	1.033	0.200	3.3424	50.0
4-Chloroaniline	0.374	0.412	0.010	10.1418	50.0
Hexachlorobutadiene	0.250	0.226	0.040	-9.6923	50.0
Caprolactam	0.106	0.134	0.010	25.8512	50.0
4-Chloro-3-methylphenol	0.362	0.404	0.040	11.7199	50.0
1-Methylnaphthalene	0.732	0.770	0.100	5.1829	50.0
2-Methylnaphthalene	0.719	0.746	0.100	3.8025	50.0
Hexachlorocyclopentadiene	0.253	0.142	0.010	-43.9873	50.0
2,4,6-Trichlorophenol	0.362	0.375	0.090	3.4932	50.0
2,4,5-Trichlorophenol	0.378	0.392	0.100	3.846	50.0
1,1-Biphenyl	1.319	1.380	0.200	4.5948	50.0
2-Chloronaphthalene	1.059	1.093	0.300	3.2113	50.0
2-Nitroaniline	0.355	0.416	0.050	17.3469	50.0
Dimethylphthalate	1.364	1.396	0.300	2.3609	50.0
2,6-Dinitrotoluene	0.253	0.269	0.080	6.1527	50.0
Acenaphthylene	1.663	1.707	0.400	2.6137	50.0
3-Nitroaniline	0.234	0.301	0.010	28.3726	50.0
Acenaphthene	1.179	1.222	0.200	3.6438	50.0
2,4-Dinitrophenol	0.129	0.151	0.010	16.6831	50.0
4-Nitrophenol	0.200	0.217	0.010	8.5593	50.0
Dibenzofuran	1.662	1.735	0.300	4.3712	50.0

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Instrument ID: BNA_G Calibration Date/Time: 12/13/2024 : 16:23

Lab File ID: BG063680.D Init. Calib. Date(s): _____

EPA Sample No.: SSTD020565 Init. Calib. Time(s): _____

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

COMPOUND	RRF	RRFCAL	MIN RRF	%D	MAX%D
2,4-Dinitrotoluene	0.376	0.432	0.070	14.8781	50.0
Diethylphthalate	1.319	1.459	0.300	10.6835	50.0
Fluorene	1.327	1.437	0.200	8.2567	50.0
4-Chlorophenyl-phenylether	0.739	0.733	0.100	-0.9125	50.0
4-Nitroaniline	0.234	0.308	0.010	31.2777	50.0
4,6-Dinitro-2-methylphenol	0.107	0.119	0.010	11.0355	50.0
N-Nitrosodiphenylamine	0.484	0.533	0.050	10.0805	50.0
1,2,4,5-Tetrachlorobenzene	0.640	0.578	0.100	-9.6977	50.0
4-Bromophenyl-phenylether	0.204	0.204	0.070	0.2348	50.0
Hexachlorobenzene	0.228	0.228	0.050	-0.3081	50.0
Atrazine	0.205	0.237	0.010	15.6574	50.0
Pentachlorophenol	0.096	0.100	0.010	4.2143	50.0
Phenanthrene	0.964	1.034	0.200	7.3063	50.0
Pentachlorobenzene	0.264	0.258	0.050	-2.3677	50.0
Anthracene	0.975	1.054	0.200	8.0085	50.0
1,2,3,4-Tetrachlorobenzene	0.267	0.259	0.050	-2.9645	50.0
Carbazole	0.790	0.946	0.050	19.7905	50.0
Di-n-butylphthalate	0.954	1.141	0.500	19.6125	50.0
Fluoranthene	1.183	1.405	0.400	18.794	50.0
Pyrene	1.259	1.466	0.400	16.5024	50.0
Butylbenzylphthalate	0.386	0.559	0.100	44.8007	50.0
3,3-Dichlorobenzidine	0.361	0.437	0.010	21.0752	50.0
Benzo (a) anthracene	1.253	1.345	0.300	7.3305	50.0
Chrysene	1.195	1.283	0.200	7.4234	50.0
Bis(2-ethylhexyl)phthalate	0.562	0.811	0.200	44.3209	50.0
Di-n-octyl phthalate	0.863	1.212	0.010	40.3733	50.0
Benzo (b) fluoranthene	1.137	1.134	0.200	-0.1985	50.0
Benzo (k) fluoranthene	1.134	1.179	0.200	3.9436	50.0
Benzo (a) pyrene	1.067	1.080	0.200	1.2536	50.0
Indeno (1,2,3-cd) pyrene	1.303	1.389	0.200	6.5772	50.0
Dibenzo (a,h) anthracene	1.043	1.129	0.200	8.3285	50.0
Benzo (g,h,i) perylene	1.034	1.075	0.200	3.9615	50.0
2,3,4,6-Tetrachlorophenol	0.326	0.353	0.040	8.4553	50.0
1,4-Dioxane-d8	0.510	0.430	0.010	-15.6847	50.0
Pyridine-d5	1.610	1.419	0.010	-11.8427	50.0
Phenol-d5	1.842	1.797	0.010	-2.4299	50.0
Bis- (2-Chloroethyl) ether-d8	1.272	1.144	0.050	-10.0634	50.0
2-Chlorophenol-d4	1.193	1.213	0.200	1.7589	50.0
4-Methylphenol-d8	1.430	1.499	0.010	4.7964	50.0

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SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: _____

Lab Code: CHEM Case No.: BG121324 SAS No.: BG121324 SDG No.: BG121324

Instrument ID: BNA_G Calibration Date/Time: 12/13/2024 : 16:23

Lab File ID: BG063680.D Init. Calib. Date(s): _____

EPA Sample No.: SSTD020565 Init. Calib. Time(s): _____

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

COMPOUND	RRF	RRFCAL	MIN RRF	%D	MAX%D
Nitrobenzene-d5	0.143	0.155	0.050	8.5505	50.0
2-Nitrophenol-d4	0.160	0.181	0.050	13.2118	50.0
2,4-Dichlorophenol-d3	0.310	0.339	0.060	9.4537	50.0
4-Chloroaniline-d4	0.394	0.431	0.010	9.4734	50.0
Dimethylphthalate-d6	1.361	1.381	0.300	1.4586	50.0
Acenaphthylene-d8	1.551	1.587	0.400	2.2823	50.0
4-Nitrophenol-d4	0.193	0.233	0.010	21.0374	50.0
Fluorene-d10	1.203	1.261	0.100	4.7925	50.0
4,6-Dinitro-2-methylphenol-d2	0.104	0.112	0.010	7.5537	50.0
Anthracene-d10	0.860	0.905	0.300	5.3031	50.0
Pyrene-d10	1.041	1.161	0.300	11.5755	50.0
Benzo(a)pyrene-d12	0.939	0.977	0.010	4.0296	50.0

All other compounds must meet a minimum RRF of 0.010.

Report of Analysis

Client:		Date Collected:	12/11/2024 12:00:00 AM
Project:		Date Received:	12/11/2024 12:00:00 AM
Client Sample ID:	SBLK551	SDG No.:	BG121324
Lab Sample ID:	PB165551BL	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
BG063672.D	1	12/11/2024 12:00:00 AM	12/13/2024 12:00:00 AM	PB165551

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	27	U	27	6.6	67	ug/Kg
100-52-7	Benzaldehyde	58	U	58	82.5	330	ug/Kg
110-86-1	Pyridine	77	U	77	170	330	ug/Kg
108-95-2	Phenol	30	U	30	82.5	330	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	29	U	29	82.5	330	ug/Kg
95-57-8	2-Chlorophenol	28	U	28	42.5	170	ug/Kg
95-48-7	2-Methylphenol	31	U	31	82.5	330	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	40	U	40	82.5	330	ug/Kg
98-86-2	Acetophenone	66	U	66	82.5	330	ug/Kg
106-44-5	4-Methylphenol	53	U	53	82.5	330	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	79	U	79	42.5	170	ug/Kg
67-72-1	Hexachloroethane	61	U	61	42.5	170	ug/Kg
98-95-3	Nitrobenzene	64	U	64	42.5	170	ug/Kg
78-59-1	Isophorone	66	U	66	42.5	170	ug/Kg
88-75-5	2-Nitrophenol	60	U	60	42.5	170	ug/Kg
105-67-9	2,4-Dimethylphenol	32	U	32	42.5	170	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	45	U	45	42.5	170	ug/Kg
120-83-2	2,4-Dichlorophenol	38	U	38	42.5	170	ug/Kg
91-20-3	Naphthalene	24	U	24	42.5	170	ug/Kg
106-47-8	4-Chloroaniline	36	U	36	42.5	330	ug/Kg
87-68-3	Hexachlorobutadiene	35	U	35	42.5	170	ug/Kg
105-60-2	Caprolactam	64	U	64	82.5	330	ug/Kg
59-50-7	4-Chloro-3-methylphenol	41	U	41	42.5	170	ug/Kg
90-12-0	1-Methylnaphthalene	24	U	24	42.5	170	ug/Kg
91-57-6	2-Methylnaphthalene	32	U	32	42.5	170	ug/Kg
77-47-4	Hexachlorocyclopentadiene	97	U	97	82.5	330	ug/Kg
88-06-2	2,4,6-Trichlorophenol	24	U	24	42.5	170	ug/Kg
95-95-4	2,4,5-Trichlorophenol	33	U	33	42.5	170	ug/Kg

Report of Analysis

Client:		Date Collected:	12/11/2024 12:00:00 AM
Project:		Date Received:	12/11/2024 12:00:00 AM
Client Sample ID:	SBLK551	SDG No.:	BG121324
Lab Sample ID:	PB165551BL	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
BG063672.D	1	12/11/2024 12:00:00 AM	12/13/2024 12:00:00 AM	PB165551

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	26	U	26	42.5	170	ug/Kg
91-58-7	2-Chloronaphthalene	33	U	33	42.5	170	ug/Kg
88-74-4	2-Nitroaniline	45	U	45	42.5	170	ug/Kg
131-11-3	Dimethylphthalate	30	U	30	42.5	170	ug/Kg
606-20-2	2,6-Dinitrotoluene	20	U	20	42.5	170	ug/Kg
208-96-8	Acenaphthylene	29	U	29	42.5	170	ug/Kg
99-09-2	3-Nitroaniline	66	U	66	82.5	330	ug/Kg
83-32-9	Acenaphthene	26	U	26	42.5	170	ug/Kg
51-28-5	2,4-Dinitrophenol	130	U	130	82.5	330	ug/Kg
100-02-7	4-Nitrophenol	44	U	44	82.5	330	ug/Kg
132-64-9	Dibenzofuran	27	U	27	42.5	170	ug/Kg
121-14-2	2,4-Dinitrotoluene	35	U	35	42.5	170	ug/Kg
84-66-2	Diethylphthalate	33	U	33	42.5	170	ug/Kg
86-73-7	Fluorene	27	U	27	42.5	170	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	20	U	20	42.5	170	ug/Kg
100-01-6	4-Nitroaniline	24	U	24	82.5	330	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	38	U	38	82.5	330	ug/Kg
86-30-6	N-Nitrosodiphenylamine	24	U	24	42.5	170	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	34	U	34	42.5	170	ug/Kg
101-55-3	4-Bromophenyl-phenylether	26	U	26	42.5	170	ug/Kg
118-74-1	Hexachlorobenzene	28	U	28	42.5	170	ug/Kg
1912-24-9	Atrazine	28	U	28	82.5	330	ug/Kg
87-86-5	Pentachlorophenol	88	U	88	82.5	330	ug/Kg
85-01-8	Phenanthrene	27	U	27	42.5	170	ug/Kg
608-93-5	Pentachlorobenzene	37	U	37	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	17	U	17	42.5	170	ug/Kg
86-74-8	Carbazole	34	U	34	82.5	330	ug/Kg
84-74-2	Di-n-butylphthalate	27	U	27	42.5	170	ug/Kg
206-44-0	Fluoranthene	19	U	19	82.5	170	ug/Kg

Report of Analysis

Client:		Date Collected:	12/11/2024 12:00:00 AM
Project:		Date Received:	12/11/2024 12:00:00 AM
Client Sample ID:	SBLK551	SDG No.:	BG121324
Lab Sample ID:	PB165551BL	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
BG063672.D	1	12/11/2024 12:00:00 AM	12/13/2024 12:00:00 AM	PB165551

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	18	U	18	42.5	170	ug/Kg
85-68-7	Butylbenzylphthalate	22	U	22	42.5	170	ug/Kg
91-94-1	3,3-Dichlorobenzidine	52	U	52	82.5	330	ug/Kg
56-55-3	Benzo(a)anthracene	23	U	23	42.5	170	ug/Kg
218-01-9	Chrysene	24	U	24	42.5	170	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	25	U	25	42.5	170	ug/Kg
117-84-0	Di-n-octyl phthalate	48	U	48	82.5	330	ug/Kg
205-99-2	Benzo(b)fluoranthene	37	U	37	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	31	U	31	42.5	170	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	28	U	28	42.5	170	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	26	U	26	42.5	170	ug/Kg
191-24-2	Benzo(g,h,i)perylene	32	U	32	42.5	170	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	36	U	36	42.5	170	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	6.097		15-120		76	SPK: -8
7291-22-7	Pyridine-d5	28.533		20-120		71	SPK: -40
4165-62-2	Phenol-d5	31.902		10-130		80	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	31.965		10-150		80	SPK: -40
93951-73-6	2-Chlorophenol-d4	31.606		15-120		79	SPK: -40
190780-66-6	4-Methylphenol-d8	29.754		10-140		74	SPK: -40
4165-60-0	Nitrobenzene-d5	34.97		10-135		87	SPK: -40
93951-78-1	2-Nitrophenol-d4	35.535		10-120		89	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	32.135		10-140		80	SPK: -40
191656-33-4	4-Chloroaniline-d4	33.374		1-145		83	SPK: -40
85448-30-2	Dimethylphthalate-d6	36.968		10-145		92	SPK: -40
93951-97-4	Acenaphthylene-d8	36.132		15-120		90	SPK: -40
93951-79-2	4-Nitrophenol-d4	34.91		10-150		87	SPK: -40
81103-79-9	Fluorene-d10	37.159		20-140		93	SPK: -40

Report of Analysis

Client:		Date Collected:	12/11/2024 12:00:00 AM
Project:		Date Received:	12/11/2024 12:00:00 AM
Client Sample ID:	SBLK551	SDG No.:	BG121324
Lab Sample ID:	PB165551BL	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
BG063672.D	1	12/11/2024 12:00:00 AM	12/13/2024 12:00:00 AM	PB165551

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	29.684		10-130		74	SPK: -40
1719-06-8	Anthracene-d10	38.558		10-150		96	SPK: -40
1718-52-1	Pyrene-d10	36.501		10-130		91	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	37.599		10-140		94	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	157821	7.809				
1146-65-2	Naphthalene-d8	642628	10.594				
15067-26-2	Acenaphthene-d10	486799	14.448				
1517-22-2	Phenanthrene-d10	1158990	17.198				
1719-03-5	Chrysene-d12	1187398	21.452				
1520-96-3	Perylene-d12	1231820	24.466				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	26	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	12/5/2024 12:00:00 AM
Project:		Date Received:	12/5/2024 12:00:00 AM
Client Sample ID:	E28Q4MS	SDG No.:	BG121324
Lab Sample ID:	P5153-18MS	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	22.2
Sample Wt/Vol:	30.02 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG063673.D	1	12/9/2024 12:00:00 AM	12/13/2024 12:00:00 AM	PB165481

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	540		35	8.5	86	ug/Kg
100-52-7	Benzaldehyde	440		75	110	420	ug/Kg
110-86-1	Pyridine	1100		99	210	420	ug/Kg
108-95-2	Phenol	1500		39	110	420	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	1400		37	110	420	ug/Kg
95-57-8	2-Chlorophenol	1500		36	54.6	220	ug/Kg
95-48-7	2-Methylphenol	1300		40	110	420	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	1400		51	110	420	ug/Kg
98-86-2	Acetophenone	1400		85	110	420	ug/Kg
106-44-5	4-Methylphenol	1400		68	110	420	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	1300		100	54.6	220	ug/Kg
67-72-1	Hexachloroethane	1300		78	54.6	220	ug/Kg
98-95-3	Nitrobenzene	1400		82	54.6	220	ug/Kg
78-59-1	Isophorone	1400		85	54.6	220	ug/Kg
88-75-5	2-Nitrophenol	1300		77	54.6	220	ug/Kg
105-67-9	2,4-Dimethylphenol	1300		41	54.6	220	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	1500		58	54.6	220	ug/Kg
120-83-2	2,4-Dichlorophenol	1500		49	54.6	220	ug/Kg
91-20-3	Naphthalene	1600		31	54.6	220	ug/Kg
106-47-8	4-Chloroaniline	290	J	46	54.6	420	ug/Kg
87-68-3	Hexachlorobutadiene	1500		45	54.6	220	ug/Kg
105-60-2	Caprolactam	1200		82	110	420	ug/Kg
59-50-7	4-Chloro-3-methylphenol	1500		53	54.6	220	ug/Kg
90-12-0	1-Methylnaphthalene	1400		31	54.6	220	ug/Kg
91-57-6	2-Methylnaphthalene	1600		41	54.6	220	ug/Kg
77-47-4	Hexachlorocyclopentadiene	770		120	110	420	ug/Kg
88-06-2	2,4,6-Trichlorophenol	1800		31	54.6	220	ug/Kg
95-95-4	2,4,5-Trichlorophenol	1700		42	54.6	220	ug/Kg

Report of Analysis

Client:		Date Collected:	12/5/2024 12:00:00 AM
Project:		Date Received:	12/5/2024 12:00:00 AM
Client Sample ID:	E28Q4MS	SDG No.:	BG121324
Lab Sample ID:	P5153-18MS	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	22.2
Sample Wt/Vol:	30.02 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG063673.D	1	12/9/2024 12:00:00 AM	12/13/2024 12:00:00 AM	PB165481

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	1700		33	54.6	220	ug/Kg
91-58-7	2-Chloronaphthalene	1600		42	54.6	220	ug/Kg
88-74-4	2-Nitroaniline	1400		58	54.6	220	ug/Kg
131-11-3	Dimethylphthalate	1500		39	54.6	220	ug/Kg
606-20-2	2,6-Dinitrotoluene	1100		26	54.6	220	ug/Kg
208-96-8	Acenaphthylene	1100		37	54.6	220	ug/Kg
99-09-2	3-Nitroaniline	340	J	85	110	420	ug/Kg
83-32-9	Acenaphthene	1500		33	54.6	220	ug/Kg
51-28-5	2,4-Dinitrophenol	170	U	170	110	420	ug/Kg
100-02-7	4-Nitrophenol	1300		57	110	420	ug/Kg
132-64-9	Dibenzofuran	1600		35	54.6	220	ug/Kg
121-14-2	2,4-Dinitrotoluene	730		45	54.6	220	ug/Kg
84-66-2	Diethylphthalate	1500		42	54.6	220	ug/Kg
86-73-7	Fluorene	1500		35	54.6	220	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	1400		26	54.6	220	ug/Kg
100-01-6	4-Nitroaniline	580		31	110	420	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	110	J	49	110	420	ug/Kg
86-30-6	N-Nitrosodiphenylamine	1700		31	54.6	220	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	1500		44	54.6	220	ug/Kg
101-55-3	4-Bromophenyl-phenylether	1700		33	54.6	220	ug/Kg
118-74-1	Hexachlorobenzene	1600		36	54.6	220	ug/Kg
1912-24-9	Atrazine	1600		36	110	420	ug/Kg
87-86-5	Pentachlorophenol	1900		110	110	420	ug/Kg
85-01-8	Phenanthrene	1800		35	54.6	220	ug/Kg
608-93-5	Pentachlorobenzene	1700		48	54.6	220	ug/Kg
120-12-7	Anthracene	1400		32	54.6	220	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	1900		22	54.6	220	ug/Kg
86-74-8	Carbazole	1700		44	110	420	ug/Kg
84-74-2	Di-n-butylphthalate	1600		35	54.6	220	ug/Kg
206-44-0	Fluoranthene	1700		24	110	220	ug/Kg

Report of Analysis

Client:		Date Collected:	12/5/2024 12:00:00 AM
Project:		Date Received:	12/5/2024 12:00:00 AM
Client Sample ID:	E28Q4MS	SDG No.:	BG121324
Lab Sample ID:	P5153-18MS	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	22.2
Sample Wt/Vol:	30.02 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG063673.D	1	12/9/2024 12:00:00 AM	12/13/2024 12:00:00 AM	PB165481

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	1700		23	54.6	220	ug/Kg
85-68-7	Butylbenzylphthalate	1900		28	54.6	220	ug/Kg
91-94-1	3,3-Dichlorobenzidine	67	U	67	110	420	ug/Kg
56-55-3	Benzo(a)anthracene	1600		30	54.6	220	ug/Kg
218-01-9	Chrysene	1700		31	54.6	220	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	1900		32	54.6	220	ug/Kg
117-84-0	Di-n-octyl phthalate	2600		62	110	420	ug/Kg
205-99-2	Benzo(b)fluoranthene	1900		48	54.6	220	ug/Kg
207-08-9	Benzo(k)fluoranthene	2200		49	54.6	220	ug/Kg
50-32-8	Benzo(a)pyrene	1700		40	54.6	220	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	1600		36	54.6	220	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	1700		33	54.6	220	ug/Kg
191-24-2	Benzo(g,h,i)perylene	1500		41	54.6	220	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	1600		46	54.6	220	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	4.388		15-120		55	SPK: -8
7291-22-7	Pyridine-d5	19.211		20-120		48	SPK: -40
4165-62-2	Phenol-d5	22.968		10-130		57	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	23.736		10-150		59	SPK: -40
93951-73-6	2-Chlorophenol-d4	25.557		15-120		64	SPK: -40
190780-66-6	4-Methylphenol-d8	17.566		10-140		44	SPK: -40
4165-60-0	Nitrobenzene-d5	26.506		10-135		66	SPK: -40
93951-78-1	2-Nitrophenol-d4	23.371		10-120		58	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	25.828		10-140		65	SPK: -40
191656-33-4	4-Chloroaniline-d4	2.784		1-145		7	SPK: -40
85448-30-2	Dimethylphthalate-d6	26.786		10-145		67	SPK: -40
93951-97-4	Acenaphthylene-d8	19.147		15-120		48	SPK: -40
93951-79-2	4-Nitrophenol-d4	15.284		10-150		38	SPK: -40
81103-79-9	Fluorene-d10	25.715		20-140		64	SPK: -40

Report of Analysis

Client:		Date Collected:	12/5/2024 12:00:00 AM
Project:		Date Received:	12/5/2024 12:00:00 AM
Client Sample ID:	E28Q4MS	SDG No.:	BG121324
Lab Sample ID:	P5153-18MS	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	22.2
Sample Wt/Vol:	30.02 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG063673.D	1	12/9/2024 12:00:00 AM	12/13/2024 12:00:00 AM	PB165481

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	1.124	*	10-130		3	SPK: -40
1719-06-8	Anthracene-d10	23.684		10-150		59	SPK: -40
1718-52-1	Pyrene-d10	25.527		10-130		64	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	22.482		10-140		56	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	244187	7.809				
1146-65-2	Naphthalene-d8	934921	10.6				
15067-26-2	Acenaphthene-d10	593865	14.449				
1517-22-2	Phenanthrene-d10	1203473	17.204				
1719-03-5	Chrysene-d12	1067964	21.464				
1520-96-3	Perylene-d12	854714	24.525				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	33	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	12/5/2024 12:00:00 AM
Project:		Date Received:	12/5/2024 12:00:00 AM
Client Sample ID:	E28Q4MSD	SDG No.:	BG121324
Lab Sample ID:	P5153-19MSD	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	22.2
Sample Wt/Vol:	30.04	Units:	g
Soil Aliquot Vol:		Final Vol:	500 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG063674.D	1	12/9/2024 12:00:00 AM	12/13/2024 12:00:00 AM	PB165481

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	370		35	8.5	86	ug/Kg
110-86-1	Pyridine	1000		99	210	420	ug/Kg
100-52-7	Benzaldehyde	380	J	74	110	420	ug/Kg
108-95-2	Phenol	1300		39	110	420	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	1200		37	110	420	ug/Kg
95-57-8	2-Chlorophenol	1400		36	54.6	220	ug/Kg
95-48-7	2-Methylphenol	1300		40	110	420	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	1300		51	110	420	ug/Kg
98-86-2	Acetophenone	1200		85	110	420	ug/Kg
106-44-5	4-Methylphenol	1300		68	110	420	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	1100		100	54.6	220	ug/Kg
67-72-1	Hexachloroethane	1000		78	54.6	220	ug/Kg
98-95-3	Nitrobenzene	1100		82	54.6	220	ug/Kg
78-59-1	Isophorone	1200		85	54.6	220	ug/Kg
88-75-5	2-Nitrophenol	400		77	54.6	220	ug/Kg
105-67-9	2,4-Dimethylphenol	1200		41	54.6	220	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	1300		58	54.6	220	ug/Kg
120-83-2	2,4-Dichlorophenol	1400		49	54.6	220	ug/Kg
91-20-3	Naphthalene	1500		31	54.6	220	ug/Kg
106-47-8	4-Chloroaniline	440		46	54.6	420	ug/Kg
87-68-3	Hexachlorobutadiene	1300		45	54.6	220	ug/Kg
105-60-2	Caprolactam	1200		82	110	420	ug/Kg
59-50-7	4-Chloro-3-methylphenol	1400		53	54.6	220	ug/Kg
90-12-0	1-Methylnaphthalene	1300		31	54.6	220	ug/Kg
91-57-6	2-Methylnaphthalene	1500		41	54.6	220	ug/Kg
77-47-4	Hexachlorocyclopentadiene	190	J	120	110	420	ug/Kg
88-06-2	2,4,6-Trichlorophenol	1500		31	54.6	220	ug/Kg
95-95-4	2,4,5-Trichlorophenol	1500		42	54.6	220	ug/Kg

Report of Analysis

Client:		Date Collected:	12/5/2024 12:00:00 AM
Project:		Date Received:	12/5/2024 12:00:00 AM
Client Sample ID:	E28Q4MSD	SDG No.:	BG121324
Lab Sample ID:	P5153-19MSD	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	22.2
Sample Wt/Vol:	30.04 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG063674.D	1	12/9/2024 12:00:00 AM	12/13/2024 12:00:00 AM	PB165481

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	1500		33	54.6	220	ug/Kg
91-58-7	2-Chloronaphthalene	1500		42	54.6	220	ug/Kg
88-74-4	2-Nitroaniline	770		58	54.6	220	ug/Kg
131-11-3	Dimethylphthalate	1300		39	54.6	220	ug/Kg
606-20-2	2,6-Dinitrotoluene	400		26	54.6	220	ug/Kg
208-96-8	Acenaphthylene	1100		37	54.6	220	ug/Kg
99-09-2	3-Nitroaniline	440		85	110	420	ug/Kg
83-32-9	Acenaphthene	1400		33	54.6	220	ug/Kg
51-28-5	2,4-Dinitrophenol	170	U	170	110	420	ug/Kg
100-02-7	4-Nitrophenol	700		56	110	420	ug/Kg
132-64-9	Dibenzofuran	1400		35	54.6	220	ug/Kg
121-14-2	2,4-Dinitrotoluene	240		45	54.6	220	ug/Kg
84-66-2	Diethylphthalate	1300		42	54.6	220	ug/Kg
86-73-7	Fluorene	1300		35	54.6	220	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	1300		26	54.6	220	ug/Kg
100-01-6	4-Nitroaniline	700		31	110	420	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	49	U	49	110	420	ug/Kg
86-30-6	N-Nitrosodiphenylamine	1600		31	54.6	220	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	1400		44	54.6	220	ug/Kg
101-55-3	4-Bromophenyl-phenylether	1500		33	54.6	220	ug/Kg
118-74-1	Hexachlorobenzene	1500		36	54.6	220	ug/Kg
1912-24-9	Atrazine	1500		36	110	420	ug/Kg
87-86-5	Pentachlorophenol	950		110	110	420	ug/Kg
85-01-8	Phenanthrene	1700		35	54.6	220	ug/Kg
608-93-5	Pentachlorobenzene	1600		47	54.6	220	ug/Kg
120-12-7	Anthracene	1400		32	54.6	220	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	1700		22	54.6	220	ug/Kg
86-74-8	Carbazole	1600		44	110	420	ug/Kg
84-74-2	Di-n-butylphthalate	1600		35	54.6	220	ug/Kg
206-44-0	Fluoranthene	1600		24	110	220	ug/Kg

Report of Analysis

Client:		Date Collected:	12/5/2024 12:00:00 AM
Project:		Date Received:	12/5/2024 12:00:00 AM
Client Sample ID:	E28Q4MSD	SDG No.:	BG121324
Lab Sample ID:	P5153-19MSD	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	22.2
Sample Wt/Vol:	30.04 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG063674.D	1	12/9/2024 12:00:00 AM	12/13/2024 12:00:00 AM	PB165481

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	1600		23	54.6	220	ug/Kg
85-68-7	Butylbenzylphthalate	1800		28	54.6	220	ug/Kg
91-94-1	3,3-Dichlorobenzidine	67	U	67	110	420	ug/Kg
56-55-3	Benzo(a)anthracene	1400		30	54.6	220	ug/Kg
218-01-9	Chrysene	1600		31	54.6	220	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	1800		32	54.6	220	ug/Kg
117-84-0	Di-n-octyl phthalate	2800		62	110	420	ug/Kg
205-99-2	Benzo(b)fluoranthene	1800		47	54.6	220	ug/Kg
207-08-9	Benzo(k)fluoranthene	2500		49	54.6	220	ug/Kg
50-32-8	Benzo(a)pyrene	1700		40	54.6	220	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	1400		36	54.6	220	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	1400		33	54.6	220	ug/Kg
191-24-2	Benzo(g,h,i)perylene	1200		41	54.6	220	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	1200		46	54.6	220	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	3.789		15-120		47	SPK: -8
7291-22-7	Pyridine-d5	17.896		20-120		45	SPK: -40
4165-62-2	Phenol-d5	20.931		10-130		52	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	20.273		10-150		51	SPK: -40
93951-73-6	2-Chlorophenol-d4	23.265		15-120		58	SPK: -40
190780-66-6	4-Methylphenol-d8	16.564		10-140		41	SPK: -40
4165-60-0	Nitrobenzene-d5	21.131		10-135		53	SPK: -40
93951-78-1	2-Nitrophenol-d4	7.111		10-120		18	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	24.025		10-140		60	SPK: -40
191656-33-4	4-Chloroaniline-d4	4.043		1-145		10	SPK: -40
85448-30-2	Dimethylphthalate-d6	23.925		10-145		60	SPK: -40
93951-97-4	Acenaphthylene-d8	18.356		15-120		46	SPK: -40
93951-79-2	4-Nitrophenol-d4	8.702		10-150		22	SPK: -40
81103-79-9	Fluorene-d10	22.383		20-140		56	SPK: -40

Report of Analysis

Client:		Date Collected:	12/5/2024 12:00:00 AM
Project:		Date Received:	12/5/2024 12:00:00 AM
Client Sample ID:	E28Q4MSD	SDG No.:	BG121324
Lab Sample ID:	P5153-19MSD	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	22.2
Sample Wt/Vol:	30.04 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG063674.D	1	12/9/2024 12:00:00 AM	12/13/2024 12:00:00 AM	PB165481

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	0.571	*	10-130		1	SPK: -40
1719-06-8	Anthracene-d10	22.114		10-150		55	SPK: -40
1718-52-1	Pyrene-d10	23.374		10-130		58	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	22.246		10-140		56	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	229830	7.812				
1146-65-2	Naphthalene-d8	920543	10.603				
15067-26-2	Acenaphthene-d10	594216	14.457				
1517-22-2	Phenanthrene-d10	1144803	17.207				
1719-03-5	Chrysene-d12	983686	21.467				
1520-96-3	Perylene-d12	691554	24.528				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	33	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	12/5/2024 12:00:00 AM
Project:		Date Received:	12/5/2024 12:00:00 AM
Client Sample ID:	E28Q3	SDG No.:	BG121324
Lab Sample ID:	P5153-16	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	22.7
Sample Wt/Vol:	30	Units:	g
Soil Aliquot Vol:		Final Vol:	500
		Test:	uL
Extraction Type :		Decanted :	Level :
			LOW
Injection Volume :		GPC Factor :	GPC Cleanup :
			PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG063675.D	1	12/9/2024 12:00:00 AM	12/13/2024 12:00:00 AM	PB165481

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	35	U	35	8.5	86	ug/Kg
100-52-7	Benzaldehyde	75	U	75	110	430	ug/Kg
110-86-1	Pyridine	100	U	100	210	430	ug/Kg
108-95-2	Phenol	59	J	39	110	430	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	38	U	38	110	430	ug/Kg
95-57-8	2-Chlorophenol	36	U	36	55	220	ug/Kg
95-48-7	2-Methylphenol	40	U	40	110	430	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	52	U	52	110	430	ug/Kg
98-86-2	Acetophenone	85	U	85	110	430	ug/Kg
106-44-5	4-Methylphenol	69	U	69	110	430	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	100	U	100	55	220	ug/Kg
67-72-1	Hexachloroethane	79	U	79	55	220	ug/Kg
98-95-3	Nitrobenzene	83	U	83	55	220	ug/Kg
78-59-1	Isophorone	85	U	85	55	220	ug/Kg
88-75-5	2-Nitrophenol	78	U	78	55	220	ug/Kg
105-67-9	2,4-Dimethylphenol	41	U	41	55	220	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	58	U	58	55	220	ug/Kg
120-83-2	2,4-Dichlorophenol	49	U	49	55	220	ug/Kg
91-20-3	Naphthalene	83	J	31	55	220	ug/Kg
106-47-8	4-Chloroaniline	47	U	47	55	430	ug/Kg
87-68-3	Hexachlorobutadiene	45	U	45	55	220	ug/Kg
105-60-2	Caprolactam	83	U	83	110	430	ug/Kg
59-50-7	4-Chloro-3-methylphenol	53	U	53	55	220	ug/Kg
90-12-0	1-Methylnaphthalene	53	J	31	55	220	ug/Kg
91-57-6	2-Methylnaphthalene	180	J	41	55	220	ug/Kg
77-47-4	Hexachlorocyclopentadiene	130	U	130	110	430	ug/Kg
88-06-2	2,4,6-Trichlorophenol	31	U	31	55	220	ug/Kg
95-95-4	2,4,5-Trichlorophenol	43	U	43	55	220	ug/Kg

Report of Analysis

Client:		Date Collected:	12/5/2024 12:00:00 AM
Project:		Date Received:	12/5/2024 12:00:00 AM
Client Sample ID:	E28Q3	SDG No.:	BG121324
Lab Sample ID:	P5153-16	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	22.7
Sample Wt/Vol:	30 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG063675.D	1	12/9/2024 12:00:00 AM	12/13/2024 12:00:00 AM	PB165481

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	34	U	34	55	220	ug/Kg
91-58-7	2-Chloronaphthalene	43	U	43	55	220	ug/Kg
88-74-4	2-Nitroaniline	58	U	58	55	220	ug/Kg
131-11-3	Dimethylphthalate	39	U	39	55	220	ug/Kg
606-20-2	2,6-Dinitrotoluene	26	U	26	55	220	ug/Kg
208-96-8	Acenaphthylene	38	U	38	55	220	ug/Kg
99-09-2	3-Nitroaniline	85	U	85	110	430	ug/Kg
83-32-9	Acenaphthene	34	U	34	55	220	ug/Kg
51-28-5	2,4-Dinitrophenol	170	U	170	110	430	ug/Kg
100-02-7	4-Nitrophenol	57	U	57	110	430	ug/Kg
132-64-9	Dibenzofuran	35	U	35	55	220	ug/Kg
121-14-2	2,4-Dinitrotoluene	45	U	45	55	220	ug/Kg
84-66-2	Diethylphthalate	43	U	43	55	220	ug/Kg
86-73-7	Fluorene	35	U	35	55	220	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	26	U	26	55	220	ug/Kg
100-01-6	4-Nitroaniline	31	U	31	110	430	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	49	U	49	110	430	ug/Kg
86-30-6	N-Nitrosodiphenylamine	31	U	31	55	220	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	44	U	44	55	220	ug/Kg
101-55-3	4-Bromophenyl-phenylether	34	U	34	55	220	ug/Kg
118-74-1	Hexachlorobenzene	36	U	36	55	220	ug/Kg
1912-24-9	Atrazine	36	U	36	110	430	ug/Kg
87-86-5	Pentachlorophenol	110	U	110	110	430	ug/Kg
85-01-8	Phenanthrene	180	J	35	55	220	ug/Kg
608-93-5	Pentachlorobenzene	48	U	48	55	220	ug/Kg
120-12-7	Anthracene	45	J	32	55	220	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	22	U	22	55	220	ug/Kg
86-74-8	Carbazole	44	U	44	110	430	ug/Kg
84-74-2	Di-n-butylphthalate	35	U	35	55	220	ug/Kg
206-44-0	Fluoranthene	140	J	25	110	220	ug/Kg

Report of Analysis

Client:		Date Collected:	12/5/2024 12:00:00 AM
Project:		Date Received:	12/5/2024 12:00:00 AM
Client Sample ID:	E28Q3	SDG No.:	BG121324
Lab Sample ID:	P5153-16	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	22.7
Sample Wt/Vol:	30	Units:	g
Soil Aliquot Vol:		Final Vol:	500
		Test:	uL
Extraction Type :		Decanted :	Level :
			LOW
Injection Volume :		GPC Factor :	GPC Cleanup :
			PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG063675.D	1	12/9/2024 12:00:00 AM	12/13/2024 12:00:00 AM	PB165481

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	130	J	23	55	220	ug/Kg
85-68-7	Butylbenzylphthalate	28	U	28	55	220	ug/Kg
91-94-1	3,3-Dichlorobenzidine	67	U	67	110	430	ug/Kg
56-55-3	Benzo(a)anthracene	71	J	30	55	220	ug/Kg
218-01-9	Chrysene	140	J	31	55	220	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	100	J	32	55	220	ug/Kg
117-84-0	Di-n-octyl phthalate	62	U	62	110	430	ug/Kg
205-99-2	Benzo(b)fluoranthene	220		48	55	220	ug/Kg
207-08-9	Benzo(k)fluoranthene	58	J	49	55	220	ug/Kg
50-32-8	Benzo(a)pyrene	120	J	40	55	220	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	36	U	36	55	220	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	34	U	34	55	220	ug/Kg
191-24-2	Benzo(g,h,i)perylene	41	U	41	55	220	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	47	U	47	55	220	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	3.384		15-120		42	SPK: -8
7291-22-7	Pyridine-d5	14.74		20-120		37	SPK: -40
4165-62-2	Phenol-d5	19.664		10-130		49	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	19.141		10-150		48	SPK: -40
93951-73-6	2-Chlorophenol-d4	21.922		15-120		55	SPK: -40
190780-66-6	4-Methylphenol-d8	15.891		10-140		40	SPK: -40
4165-60-0	Nitrobenzene-d5	14.608		10-135		37	SPK: -40
93951-78-1	2-Nitrophenol-d4	2.744	*	10-120		7	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	21.806		10-140		55	SPK: -40
191656-33-4	4-Chloroaniline-d4	2.234		1-145		6	SPK: -40
85448-30-2	Dimethylphthalate-d6	22.643		10-145		57	SPK: -40
93951-97-4	Acenaphthylene-d8	14.83		15-120		37	SPK: -40
93951-79-2	4-Nitrophenol-d4	5.62		10-150		14	SPK: -40
81103-79-9	Fluorene-d10	20.412		20-140		51	SPK: -40

Report of Analysis

Client:		Date Collected:	12/5/2024 12:00:00 AM
Project:		Date Received:	12/5/2024 12:00:00 AM
Client Sample ID:	E28Q3	SDG No.:	BG121324
Lab Sample ID:	P5153-16	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	22.7
Sample Wt/Vol:	30 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG063675.D	1	12/9/2024 12:00:00 AM	12/13/2024 12:00:00 AM	PB165481

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	0.136	*	10-130		0	SPK: -40
1719-06-8	Anthracene-d10	19.793		10-150		49	SPK: -40
1718-52-1	Pyrene-d10	21.611		10-130		54	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	19.971		10-140		50	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	223341	7.82				
1146-65-2	Naphthalene-d8	878458	10.605				
15067-26-2	Acenaphthene-d10	584817	14.454				
1517-22-2	Phenanthrene-d10	1088670	17.209				
1719-03-5	Chrysene-d12	909904	21.475				
1520-96-3	Perylene-d12	510859	24.53				
TENTATIVE IDENTIFIED COMPOUNDS							
000821-55-6	2-Nonanone	130	J			8.895	
000119-61-9	Benzophenone	620	J			15.817	
E966796	Total Alkanes	34	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	12/9/2024 12:00:00 AM
Project:		Date Received:	12/9/2024 12:00:00 AM
Client Sample ID:	E28T3	SDG No.:	BG121324
Lab Sample ID:	P5232-19	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	29.7
Sample Wt/Vol:	30.1	Units:	g
Soil Aliquot Vol:		Final Vol:	500
			uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG063676.D	1	12/11/2024 12:00:00 AM	12/13/2024 12:00:00 AM	PB165551

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	38	U	38	9.4	95	ug/Kg
100-52-7	Benzaldehyde	82	U	82	120	470	ug/Kg
110-86-1	Pyridine	110	U	110	230	470	ug/Kg
108-95-2	Phenol	110	J	43	120	470	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	41	U	41	120	470	ug/Kg
95-57-8	2-Chlorophenol	40	U	40	60.3	240	ug/Kg
95-48-7	2-Methylphenol	44	U	44	120	470	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	57	U	57	120	470	ug/Kg
98-86-2	Acetophenone	94	U	94	120	470	ug/Kg
106-44-5	4-Methylphenol	75	U	75	120	470	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	110	U	110	60.3	240	ug/Kg
67-72-1	Hexachloroethane	86	U	86	60.3	240	ug/Kg
98-95-3	Nitrobenzene	91	U	91	60.3	240	ug/Kg
78-59-1	Isophorone	94	U	94	60.3	240	ug/Kg
88-75-5	2-Nitrophenol	85	U	85	60.3	240	ug/Kg
105-67-9	2,4-Dimethylphenol	45	U	45	60.3	240	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	64	U	64	60.3	240	ug/Kg
120-83-2	2,4-Dichlorophenol	54	U	54	60.3	240	ug/Kg
91-20-3	Naphthalene	120	J	34	60.3	240	ug/Kg
106-47-8	4-Chloroaniline	51	U	51	60.3	470	ug/Kg
87-68-3	Hexachlorobutadiene	50	U	50	60.3	240	ug/Kg
105-60-2	Caprolactam	91	U	91	120	470	ug/Kg
59-50-7	4-Chloro-3-methylphenol	58	U	58	60.3	240	ug/Kg
90-12-0	1-Methylnaphthalene	34	U	34	60.3	240	ug/Kg
91-57-6	2-Methylnaphthalene	61	J	45	60.3	240	ug/Kg
77-47-4	Hexachlorocyclopentadiene	140	U	140	120	470	ug/Kg
88-06-2	2,4,6-Trichlorophenol	34	U	34	60.3	240	ug/Kg
95-95-4	2,4,5-Trichlorophenol	47	U	47	60.3	240	ug/Kg

Report of Analysis

Client:		Date Collected:	12/9/2024 12:00:00 AM
Project:		Date Received:	12/9/2024 12:00:00 AM
Client Sample ID:	E28T3	SDG No.:	BG121324
Lab Sample ID:	P5232-19	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	29.7
Sample Wt/Vol:	30.1	Units:	g
Soil Aliquot Vol:		Final Vol:	500
			uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG063676.D	1	12/11/2024 12:00:00 AM	12/13/2024 12:00:00 AM	PB165551

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	37	U	37	60.3	240	ug/Kg
91-58-7	2-Chloronaphthalene	47	U	47	60.3	240	ug/Kg
88-74-4	2-Nitroaniline	64	U	64	60.3	240	ug/Kg
131-11-3	Dimethylphthalate	43	U	43	60.3	240	ug/Kg
606-20-2	2,6-Dinitrotoluene	28	U	28	60.3	240	ug/Kg
208-96-8	Acenaphthylene	41	U	41	60.3	240	ug/Kg
99-09-2	3-Nitroaniline	94	U	94	120	470	ug/Kg
83-32-9	Acenaphthene	37	U	37	60.3	240	ug/Kg
51-28-5	2,4-Dinitrophenol	180	U	180	120	470	ug/Kg
100-02-7	4-Nitrophenol	62	U	62	120	470	ug/Kg
132-64-9	Dibenzofuran	38	U	38	60.3	240	ug/Kg
121-14-2	2,4-Dinitrotoluene	50	U	50	60.3	240	ug/Kg
84-66-2	Diethylphthalate	47	U	47	60.3	240	ug/Kg
86-73-7	Fluorene	48	J	38	60.3	240	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	28	U	28	60.3	240	ug/Kg
100-01-6	4-Nitroaniline	34	U	34	120	470	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	54	U	54	120	470	ug/Kg
86-30-6	N-Nitrosodiphenylamine	34	U	34	60.3	240	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	48	U	48	60.3	240	ug/Kg
101-55-3	4-Bromophenyl-phenylether	37	U	37	60.3	240	ug/Kg
118-74-1	Hexachlorobenzene	40	U	40	60.3	240	ug/Kg
1912-24-9	Atrazine	40	U	40	120	470	ug/Kg
87-86-5	Pentachlorophenol	120	U	120	120	470	ug/Kg
85-01-8	Phenanthrene	150	J	38	60.3	240	ug/Kg
608-93-5	Pentachlorobenzene	52	U	52	60.3	240	ug/Kg
120-12-7	Anthracene	120	J	35	60.3	240	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	24	U	24	60.3	240	ug/Kg
86-74-8	Carbazole	48	U	48	120	470	ug/Kg
84-74-2	Di-n-butylphthalate	38	U	38	60.3	240	ug/Kg
206-44-0	Fluoranthene	180	J	27	120	240	ug/Kg

Report of Analysis

Client:		Date Collected:	12/9/2024 12:00:00 AM
Project:		Date Received:	12/9/2024 12:00:00 AM
Client Sample ID:	E28T3	SDG No.:	BG121324
Lab Sample ID:	P5232-19	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	29.7
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
BG063676.D	1	12/11/2024 12:00:00 AM	12/13/2024 12:00:00 AM	PB165551

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	190	J	26	60.3	240	ug/Kg
85-68-7	Butylbenzylphthalate	31	U	31	60.3	240	ug/Kg
91-94-1	3,3-Dichlorobenzidine	74	U	74	120	470	ug/Kg
56-55-3	Benzo(a)anthracene	110	J	33	60.3	240	ug/Kg
218-01-9	Chrysene	170	J	34	60.3	240	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	35	U	35	60.3	240	ug/Kg
117-84-0	Di-n-octyl phthalate	68	U	68	120	470	ug/Kg
205-99-2	Benzo(b)fluoranthene	270		52	60.3	240	ug/Kg
207-08-9	Benzo(k)fluoranthene	170	J	54	60.3	240	ug/Kg
50-32-8	Benzo(a)pyrene	180	J	44	60.3	240	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	40	U	40	60.3	240	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	37	U	37	60.3	240	ug/Kg
191-24-2	Benzo(g,h,i)perylene	200	J	45	60.3	240	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	51	U	51	60.3	240	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	2.984		15-120		37	SPK: -8
7291-22-7	Pyridine-d5	15.33		20-120		38	SPK: -40
4165-62-2	Phenol-d5	22.284		10-130		56	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	20.59		10-150		51	SPK: -40
93951-73-6	2-Chlorophenol-d4	23.111		15-120		58	SPK: -40
190780-66-6	4-Methylphenol-d8	19.757		10-140		49	SPK: -40
4165-60-0	Nitrobenzene-d5	12.38		10-135		31	SPK: -40
93951-78-1	2-Nitrophenol-d4	1.276	*	10-120		3	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	23.485		10-140		59	SPK: -40
191656-33-4	4-Chloroaniline-d4	9.898		1-145		25	SPK: -40
85448-30-2	Dimethylphthalate-d6	26.262		10-145		66	SPK: -40
93951-97-4	Acenaphthylene-d8	25.126		15-120		63	SPK: -40
93951-79-2	4-Nitrophenol-d4	3.483	*	10-150		9	SPK: -40
81103-79-9	Fluorene-d10	24.645		20-140		62	SPK: -40

Report of Analysis

Client:		Date Collected:	12/9/2024 12:00:00 AM
Project:		Date Received:	12/9/2024 12:00:00 AM
Client Sample ID:	E28T3	SDG No.:	BG121324
Lab Sample ID:	P5232-19	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	29.7
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
BG063676.D	1	12/11/2024 12:00:00 AM	12/13/2024 12:00:00 AM	PB165551

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	0.12	*	10-130		0	SPK: -40
1719-06-8	Anthracene-d10	27.047		10-150		68	SPK: -40
1718-52-1	Pyrene-d10	27.686		10-130		69	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	28.523		10-140		71	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	220787	7.817				
1146-65-2	Naphthalene-d8	870484	10.608				
15067-26-2	Acenaphthene-d10	586378	14.457				
1517-22-2	Phenanthrene-d10	1121748	17.212				
1719-03-5	Chrysene-d12	968851	21.466				
1520-96-3	Perylene-d12	614023	24.516				
TENTATIVE IDENTIFIED COMPOUNDS							
000083-33-0	1H-Inden-1-one, 2,3-dihydro-	230	J			11.989	
000119-61-9	Benzophenone	600	J			15.814	
E966796	Total Alkanes	37	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	12/5/2024 12:00:00 AM
Project:		Date Received:	12/5/2024 12:00:00 AM
Client Sample ID:	E28R6	SDG No.:	BG121324
Lab Sample ID:	P5232-02	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	21.7
Sample Wt/Vol:	30.1	Units:	g
Soil Aliquot Vol:		Final Vol:	500
		Test:	
Extraction Type :		Decanted :	Level :
Injection Volume :		GPC Factor :	Level :
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG063677.D	1	12/11/2024 12:00:00 AM	12/13/2024 12:00:00 AM	PB165551

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	34	U	34	8.4	85	ug/Kg
100-52-7	Benzaldehyde	74	U	74	110	420	ug/Kg
110-86-1	Pyridine	98	U	98	210	420	ug/Kg
108-95-2	Phenol	60	J	38	110	420	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	37	U	37	110	420	ug/Kg
95-57-8	2-Chlorophenol	36	U	36	54.1	220	ug/Kg
95-48-7	2-Methylphenol	39	U	39	110	420	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	51	U	51	110	420	ug/Kg
98-86-2	Acetophenone	84	U	84	110	420	ug/Kg
106-44-5	4-Methylphenol	67	U	67	110	420	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	100	U	100	54.1	220	ug/Kg
67-72-1	Hexachloroethane	78	U	78	54.1	220	ug/Kg
98-95-3	Nitrobenzene	81	U	81	54.1	220	ug/Kg
78-59-1	Isophorone	84	U	84	54.1	220	ug/Kg
88-75-5	2-Nitrophenol	76	U	76	54.1	220	ug/Kg
105-67-9	2,4-Dimethylphenol	41	U	41	54.1	220	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	57	U	57	54.1	220	ug/Kg
120-83-2	2,4-Dichlorophenol	48	U	48	54.1	220	ug/Kg
91-20-3	Naphthalene	31	U	31	54.1	220	ug/Kg
106-47-8	4-Chloroaniline	46	U	46	54.1	420	ug/Kg
87-68-3	Hexachlorobutadiene	45	U	45	54.1	220	ug/Kg
105-60-2	Caprolactam	81	U	81	110	420	ug/Kg
59-50-7	4-Chloro-3-methylphenol	52	U	52	54.1	220	ug/Kg
90-12-0	1-Methylnaphthalene	31	U	31	54.1	220	ug/Kg
91-57-6	2-Methylnaphthalene	41	U	41	54.1	220	ug/Kg
77-47-4	Hexachlorocyclopentadiene	120	U	120	110	420	ug/Kg
88-06-2	2,4,6-Trichlorophenol	31	U	31	54.1	220	ug/Kg
95-95-4	2,4,5-Trichlorophenol	42	U	42	54.1	220	ug/Kg

Report of Analysis

Client:		Date Collected:	12/5/2024 12:00:00 AM
Project:		Date Received:	12/5/2024 12:00:00 AM
Client Sample ID:	E28R6	SDG No.:	BG121324
Lab Sample ID:	P5232-02	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	21.7
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
BG063677.D	1	12/11/2024 12:00:00 AM	12/13/2024 12:00:00 AM	PB165551

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	33	U	33	54.1	220	ug/Kg
91-58-7	2-Chloronaphthalene	42	U	42	54.1	220	ug/Kg
88-74-4	2-Nitroaniline	57	U	57	54.1	220	ug/Kg
131-11-3	Dimethylphthalate	38	U	38	54.1	220	ug/Kg
606-20-2	2,6-Dinitrotoluene	25	U	25	54.1	220	ug/Kg
208-96-8	Acenaphthylene	37	U	37	54.1	220	ug/Kg
99-09-2	3-Nitroaniline	84	U	84	110	420	ug/Kg
83-32-9	Acenaphthene	33	U	33	54.1	220	ug/Kg
51-28-5	2,4-Dinitrophenol	170	U	170	110	420	ug/Kg
100-02-7	4-Nitrophenol	56	U	56	110	420	ug/Kg
132-64-9	Dibenzofuran	34	U	34	54.1	220	ug/Kg
121-14-2	2,4-Dinitrotoluene	45	U	45	54.1	220	ug/Kg
84-66-2	Diethylphthalate	42	U	42	54.1	220	ug/Kg
86-73-7	Fluorene	34	U	34	54.1	220	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	25	U	25	54.1	220	ug/Kg
100-01-6	4-Nitroaniline	31	U	31	110	420	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	48	U	48	110	420	ug/Kg
86-30-6	N-Nitrosodiphenylamine	31	U	31	54.1	220	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	43	U	43	54.1	220	ug/Kg
101-55-3	4-Bromophenyl-phenylether	33	U	33	54.1	220	ug/Kg
118-74-1	Hexachlorobenzene	36	U	36	54.1	220	ug/Kg
1912-24-9	Atrazine	36	U	36	110	420	ug/Kg
87-86-5	Pentachlorophenol	110	U	110	110	420	ug/Kg
85-01-8	Phenanthrene	55	J	34	54.1	220	ug/Kg
608-93-5	Pentachlorobenzene	47	U	47	54.1	220	ug/Kg
120-12-7	Anthracene	32	U	32	54.1	220	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	22	U	22	54.1	220	ug/Kg
86-74-8	Carbazole	43	U	43	110	420	ug/Kg
84-74-2	Di-n-butylphthalate	34	U	34	54.1	220	ug/Kg
206-44-0	Fluoranthene	81	J	24	110	220	ug/Kg

Report of Analysis

Client:		Date Collected:	12/5/2024 12:00:00 AM
Project:		Date Received:	12/5/2024 12:00:00 AM
Client Sample ID:	E28R6	SDG No.:	BG121324
Lab Sample ID:	P5232-02	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	21.7
Sample Wt/Vol:	30.1	Units:	g
Soil Aliquot Vol:		Final Vol:	500
		Test:	
Extraction Type :		Decanted :	Level :
Injection Volume :		GPC Factor :	LOW
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG063677.D	1	12/11/2024 12:00:00 AM	12/13/2024 12:00:00 AM	PB165551

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	78	J	23	54.1	220	ug/Kg
85-68-7	Butylbenzylphthalate	28	U	28	54.1	220	ug/Kg
91-94-1	3,3-Dichlorobenzidine	66	U	66	110	420	ug/Kg
56-55-3	Benzo(a)anthracene	53	J	29	54.1	220	ug/Kg
218-01-9	Chrysene	84	J	31	54.1	220	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	32	U	32	54.1	220	ug/Kg
117-84-0	Di-n-octyl phthalate	61	U	61	110	420	ug/Kg
205-99-2	Benzo(b)fluoranthene	130	J	47	54.1	220	ug/Kg
207-08-9	Benzo(k)fluoranthene	59	J	48	54.1	220	ug/Kg
50-32-8	Benzo(a)pyrene	94	J	39	54.1	220	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	54	J	36	54.1	220	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	33	U	33	54.1	220	ug/Kg
191-24-2	Benzo(g,h,i)perylene	76	J	41	54.1	220	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	46	U	46	54.1	220	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	2.963		15-120		37	SPK: -8
7291-22-7	Pyridine-d5	12.424		20-120		31	SPK: -40
4165-62-2	Phenol-d5	19.686		10-130		49	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	18.091		10-150		45	SPK: -40
93951-73-6	2-Chlorophenol-d4	20.727		15-120		52	SPK: -40
190780-66-6	4-Methylphenol-d8	19.634		10-140		49	SPK: -40
4165-60-0	Nitrobenzene-d5	11.502		10-135		29	SPK: -40
93951-78-1	2-Nitrophenol-d4	3.111	*	10-120		8	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	20.636		10-140		52	SPK: -40
191656-33-4	4-Chloroaniline-d4	14.886		1-145		37	SPK: -40
85448-30-2	Dimethylphthalate-d6	22.484		10-145		56	SPK: -40
93951-97-4	Acenaphthylene-d8	22.886		15-120		57	SPK: -40
93951-79-2	4-Nitrophenol-d4	3.572	*	10-150		9	SPK: -40
81103-79-9	Fluorene-d10	21.564		20-140		54	SPK: -40

Report of Analysis

Client:		Date Collected:	12/5/2024 12:00:00 AM
Project:		Date Received:	12/5/2024 12:00:00 AM
Client Sample ID:	E28R6	SDG No.:	BG121324
Lab Sample ID:	P5232-02	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	21.7
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
BG063677.D	1	12/11/2024 12:00:00 AM	12/13/2024 12:00:00 AM	PB165551

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	0.251	*	10-130		1	SPK: -40
1719-06-8	Anthracene-d10	23.98		10-150		60	SPK: -40
1718-52-1	Pyrene-d10	21.945		10-130		55	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	22.566		10-140		56	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	232112	7.817				
1146-65-2	Naphthalene-d8	921083	10.608				
15067-26-2	Acenaphthene-d10	601014	14.457				
1517-22-2	Phenanthrene-d10	1191182	17.206				
1719-03-5	Chrysene-d12	1110338	21.46				
1520-96-3	Perylene-d12	817323	24.498				
TENTATIVE IDENTIFIED COMPOUNDS							
000119-61-9	Benzophenone	390	J			15.814	
E966796	Total Alkanes	33	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	12/5/2024 12:00:00 AM
Project:		Date Received:	12/5/2024 12:00:00 AM
Client Sample ID:	E28R4	SDG No.:	BG121324
Lab Sample ID:	P5153-21	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	22.4
Sample Wt/Vol:	30.1 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG063678.D	1	12/9/2024 12:00:00 AM	12/13/2024 12:00:00 AM	PB165481

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	35	U	35	8.5	86	ug/Kg
100-52-7	Benzaldehyde	74	U	74	110	420	ug/Kg
110-86-1	Pyridine	99	U	99	210	420	ug/Kg
108-95-2	Phenol	68	J	39	110	420	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	37	U	37	110	420	ug/Kg
95-57-8	2-Chlorophenol	36	U	36	54.6	220	ug/Kg
95-48-7	2-Methylphenol	40	U	40	110	420	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	51	U	51	110	420	ug/Kg
98-86-2	Acetophenone	85	U	85	110	420	ug/Kg
106-44-5	4-Methylphenol	68	U	68	110	420	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	100	U	100	54.6	220	ug/Kg
67-72-1	Hexachloroethane	78	U	78	54.6	220	ug/Kg
98-95-3	Nitrobenzene	82	U	82	54.6	220	ug/Kg
78-59-1	Isophorone	85	U	85	54.6	220	ug/Kg
88-75-5	2-Nitrophenol	77	U	77	54.6	220	ug/Kg
105-67-9	2,4-Dimethylphenol	41	U	41	54.6	220	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	58	U	58	54.6	220	ug/Kg
120-83-2	2,4-Dichlorophenol	49	U	49	54.6	220	ug/Kg
91-20-3	Naphthalene	130	J	31	54.6	220	ug/Kg
106-47-8	4-Chloroaniline	46	U	46	54.6	420	ug/Kg
87-68-3	Hexachlorobutadiene	45	U	45	54.6	220	ug/Kg
105-60-2	Caprolactam	82	U	82	110	420	ug/Kg
59-50-7	4-Chloro-3-methylphenol	53	U	53	54.6	220	ug/Kg
90-12-0	1-Methylnaphthalene	31	U	31	54.6	220	ug/Kg
91-57-6	2-Methylnaphthalene	83	J	41	54.6	220	ug/Kg
77-47-4	Hexachlorocyclopentadiene	120	U	120	110	420	ug/Kg
88-06-2	2,4,6-Trichlorophenol	31	U	31	54.6	220	ug/Kg
95-95-4	2,4,5-Trichlorophenol	42	U	42	54.6	220	ug/Kg

Report of Analysis

Client:		Date Collected:	12/5/2024 12:00:00 AM
Project:		Date Received:	12/5/2024 12:00:00 AM
Client Sample ID:	E28R4	SDG No.:	BG121324
Lab Sample ID:	P5153-21	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	22.4
Sample Wt/Vol:	30.1 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG063678.D	1	12/9/2024 12:00:00 AM	12/13/2024 12:00:00 AM	PB165481

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	33	U	33	54.6	220	ug/Kg
91-58-7	2-Chloronaphthalene	42	U	42	54.6	220	ug/Kg
88-74-4	2-Nitroaniline	58	U	58	54.6	220	ug/Kg
131-11-3	Dimethylphthalate	39	U	39	54.6	220	ug/Kg
606-20-2	2,6-Dinitrotoluene	26	U	26	54.6	220	ug/Kg
208-96-8	Acenaphthylene	37	U	37	54.6	220	ug/Kg
99-09-2	3-Nitroaniline	85	U	85	110	420	ug/Kg
83-32-9	Acenaphthene	33	U	33	54.6	220	ug/Kg
51-28-5	2,4-Dinitrophenol	170	U	170	110	420	ug/Kg
100-02-7	4-Nitrophenol	57	U	57	110	420	ug/Kg
132-64-9	Dibenzofuran	35	U	35	54.6	220	ug/Kg
121-14-2	2,4-Dinitrotoluene	45	U	45	54.6	220	ug/Kg
84-66-2	Diethylphthalate	42	U	42	54.6	220	ug/Kg
86-73-7	Fluorene	35	U	35	54.6	220	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	26	U	26	54.6	220	ug/Kg
100-01-6	4-Nitroaniline	31	U	31	110	420	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	49	U	49	110	420	ug/Kg
86-30-6	N-Nitrosodiphenylamine	31	U	31	54.6	220	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	44	U	44	54.6	220	ug/Kg
101-55-3	4-Bromophenyl-phenylether	33	U	33	54.6	220	ug/Kg
118-74-1	Hexachlorobenzene	36	U	36	54.6	220	ug/Kg
1912-24-9	Atrazine	36	U	36	110	420	ug/Kg
87-86-5	Pentachlorophenol	110	U	110	110	420	ug/Kg
85-01-8	Phenanthrene	210	J	35	54.6	220	ug/Kg
608-93-5	Pentachlorobenzene	48	U	48	54.6	220	ug/Kg
120-12-7	Anthracene	32	U	32	54.6	220	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	22	U	22	54.6	220	ug/Kg
86-74-8	Carbazole	44	U	44	110	420	ug/Kg
84-74-2	Di-n-butylphthalate	35	U	35	54.6	220	ug/Kg
206-44-0	Fluoranthene	290		24	110	220	ug/Kg

Report of Analysis

Client:		Date Collected:	12/5/2024 12:00:00 AM
Project:		Date Received:	12/5/2024 12:00:00 AM
Client Sample ID:	E28R4	SDG No.:	BG121324
Lab Sample ID:	P5153-21	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	22.4
Sample Wt/Vol:	30.1	Units:	g
Soil Aliquot Vol:		Final Vol:	500
		Test:	
Extraction Type :		Decanted :	Level :
Injection Volume :		GPC Factor :	LOW
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG063678.D	1	12/9/2024 12:00:00 AM	12/13/2024 12:00:00 AM	PB165481

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	290		23	54.6	220	ug/Kg
85-68-7	Butylbenzylphthalate	28	U	28	54.6	220	ug/Kg
91-94-1	3,3-Dichlorobenzidine	67	U	67	110	420	ug/Kg
56-55-3	Benzo(a)anthracene	190	J	30	54.6	220	ug/Kg
218-01-9	Chrysene	270		31	54.6	220	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	910		32	54.6	220	ug/Kg
117-84-0	Di-n-octyl phthalate	62	U	62	110	420	ug/Kg
205-99-2	Benzo(b)fluoranthene	460		48	54.6	220	ug/Kg
207-08-9	Benzo(k)fluoranthene	210	J	49	54.6	220	ug/Kg
50-32-8	Benzo(a)pyrene	320		40	54.6	220	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	150	J	36	54.6	220	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	33	U	33	54.6	220	ug/Kg
191-24-2	Benzo(g,h,i)perylene	210	J	41	54.6	220	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	46	U	46	54.6	220	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	2.88		15-120		36	SPK: -8
7291-22-7	Pyridine-d5	7.164	*	20-120		18	SPK: -40
4165-62-2	Phenol-d5	16.792		10-130		42	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	17.15		10-150		43	SPK: -40
93951-73-6	2-Chlorophenol-d4	20.167		15-120		50	SPK: -40
190780-66-6	4-Methylphenol-d8	13.277		10-140		33	SPK: -40
4165-60-0	Nitrobenzene-d5	8.65		10-135		22	SPK: -40
93951-78-1	2-Nitrophenol-d4	1.714	*	10-120		4	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	18.403		10-140		46	SPK: -40
191656-33-4	4-Chloroaniline-d4	8.359		1-145		21	SPK: -40
85448-30-2	Dimethylphthalate-d6	19.51		10-145		49	SPK: -40
93951-97-4	Acenaphthylene-d8	20.17		15-120		50	SPK: -40
93951-79-2	4-Nitrophenol-d4	1.475	*	10-150		4	SPK: -40
81103-79-9	Fluorene-d10	19.334		20-140		48	SPK: -40

Report of Analysis

Client:		Date Collected:	12/5/2024 12:00:00 AM
Project:		Date Received:	12/5/2024 12:00:00 AM
Client Sample ID:	E28R4	SDG No.:	BG121324
Lab Sample ID:	P5153-21	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	22.4
Sample Wt/Vol:	30.1	Units:	g
Soil Aliquot Vol:		Final Vol:	500
		Test:	
Extraction Type :		Level :	LOW
Decanted :			
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG063678.D	1	12/9/2024 12:00:00 AM	12/13/2024 12:00:00 AM	PB165481

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	0.099	*	10-130		0	SPK: -40
1719-06-8	Anthracene-d10	21.138		10-150		53	SPK: -40
1718-52-1	Pyrene-d10	19.799		10-130		49	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	20.366		10-140		51	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	218126	7.82				
1146-65-2	Naphthalene-d8	857203	10.605				
15067-26-2	Acenaphthene-d10	583095	14.453				
1517-22-2	Phenanthrene-d10	1148198	17.209				
1719-03-5	Chrysene-d12	1041216	21.463				
1520-96-3	Perylene-d12	764423	24.494				
TENTATIVE IDENTIFIED COMPOUNDS							
000100-51-6	Benzyl alcohol	110	J			8.061	
000119-61-9	Benzophenone	270	J			15.816	
1000309-27-0	Oxalic acid, octadecyl propyl este	620	J			21.122	
E966796	Total Alkanes	33	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	12/11/2024 12:00:00 AM
Project:		Date Received:	12/11/2024 12:00:00 AM
Client Sample ID:	SLCS551	SDG No.:	BG121324
Lab Sample ID:	PB165551BS	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
BG063679.D	1	12/11/2024 12:00:00 AM	12/13/2024 12:00:00 AM	PB165551

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	260		27	6.6	67	ug/Kg
100-52-7	Benzaldehyde	670		58	82.5	330	ug/Kg
110-86-1	Pyridine	700		77	170	330	ug/Kg
108-95-2	Phenol	870		30	82.5	330	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	860		29	82.5	330	ug/Kg
95-57-8	2-Chlorophenol	930		28	42.5	170	ug/Kg
95-48-7	2-Methylphenol	890		31	82.5	330	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	890		40	82.5	330	ug/Kg
98-86-2	Acetophenone	860		66	82.5	330	ug/Kg
106-44-5	4-Methylphenol	850		53	82.5	330	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	800		79	42.5	170	ug/Kg
67-72-1	Hexachloroethane	450		61	42.5	170	ug/Kg
98-95-3	Nitrobenzene	530		64	42.5	170	ug/Kg
78-59-1	Isophorone	880		66	42.5	170	ug/Kg
88-75-5	2-Nitrophenol	190		60	42.5	170	ug/Kg
105-67-9	2,4-Dimethylphenol	770		32	42.5	170	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	920		45	42.5	170	ug/Kg
120-83-2	2,4-Dichlorophenol	800		38	42.5	170	ug/Kg
91-20-3	Naphthalene	990		24	42.5	170	ug/Kg
106-47-8	4-Chloroaniline	930		36	42.5	330	ug/Kg
87-68-3	Hexachlorobutadiene	880		35	42.5	170	ug/Kg
105-60-2	Caprolactam	2600		64	82.5	330	ug/Kg
59-50-7	4-Chloro-3-methylphenol	870		41	42.5	170	ug/Kg
90-12-0	1-Methylnaphthalene	930		24	42.5	170	ug/Kg
91-57-6	2-Methylnaphthalene	940		32	42.5	170	ug/Kg
77-47-4	Hexachlorocyclopentadiene	97	U	97	82.5	330	ug/Kg
88-06-2	2,4,6-Trichlorophenol	510		24	42.5	170	ug/Kg
95-95-4	2,4,5-Trichlorophenol	460		33	42.5	170	ug/Kg

Report of Analysis

Client:		Date Collected:	12/11/2024 12:00:00 AM
Project:		Date Received:	12/11/2024 12:00:00 AM
Client Sample ID:	SLCS551	SDG No.:	BG121324
Lab Sample ID:	PB165551BS	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
BG063679.D	1	12/11/2024 12:00:00 AM	12/13/2024 12:00:00 AM	PB165551

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	1100		26	42.5	170	ug/Kg
91-58-7	2-Chloronaphthalene	1000		33	42.5	170	ug/Kg
88-74-4	2-Nitroaniline	310		45	42.5	170	ug/Kg
131-11-3	Dimethylphthalate	950		30	42.5	170	ug/Kg
606-20-2	2,6-Dinitrotoluene	230		20	42.5	170	ug/Kg
208-96-8	Acenaphthylene	1000		29	42.5	170	ug/Kg
99-09-2	3-Nitroaniline	420		66	82.5	330	ug/Kg
83-32-9	Acenaphthene	1000		26	42.5	170	ug/Kg
51-28-5	2,4-Dinitrophenol	130	U	130	82.5	330	ug/Kg
100-02-7	4-Nitrophenol	170	J	44	82.5	330	ug/Kg
132-64-9	Dibenzofuran	1000		27	42.5	170	ug/Kg
121-14-2	2,4-Dinitrotoluene	200		35	42.5	170	ug/Kg
84-66-2	Diethylphthalate	980		33	42.5	170	ug/Kg
86-73-7	Fluorene	980		27	42.5	170	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	920		20	42.5	170	ug/Kg
100-01-6	4-Nitroaniline	450		24	82.5	330	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	67	J	38	82.5	330	ug/Kg
86-30-6	N-Nitrosodiphenylamine	1200		24	42.5	170	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	940		34	42.5	170	ug/Kg
101-55-3	4-Bromophenyl-phenylether	1100		26	42.5	170	ug/Kg
118-74-1	Hexachlorobenzene	1100		28	42.5	170	ug/Kg
1912-24-9	Atrazine	390		28	82.5	330	ug/Kg
87-86-5	Pentachlorophenol	120	J	88	82.5	330	ug/Kg
85-01-8	Phenanthrene	1100		27	42.5	170	ug/Kg
608-93-5	Pentachlorobenzene	1100		37	42.5	170	ug/Kg
120-12-7	Anthracene	1100		25	42.5	170	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	1200		17	42.5	170	ug/Kg
86-74-8	Carbazole	1200		34	82.5	330	ug/Kg
84-74-2	Di-n-butylphthalate	1200		27	42.5	170	ug/Kg
206-44-0	Fluoranthene	1100		19	82.5	170	ug/Kg

Report of Analysis

Client:		Date Collected:	12/11/2024 12:00:00 AM
Project:		Date Received:	12/11/2024 12:00:00 AM
Client Sample ID:	SLCS551	SDG No.:	BG121324
Lab Sample ID:	PB165551BS	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
BG063679.D	1	12/11/2024 12:00:00 AM	12/13/2024 12:00:00 AM	PB165551

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	1100		18	42.5	170	ug/Kg
85-68-7	Butylbenzylphthalate	1400		22	42.5	170	ug/Kg
91-94-1	3,3-Dichlorobenzidine	1100		52	82.5	330	ug/Kg
56-55-3	Benzo(a)anthracene	1000		23	42.5	170	ug/Kg
218-01-9	Chrysene	1000		24	42.5	170	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	1400		25	42.5	170	ug/Kg
117-84-0	Di-n-octyl phthalate	2300		48	82.5	330	ug/Kg
205-99-2	Benzo(b)fluoranthene	1200		37	42.5	170	ug/Kg
207-08-9	Benzo(k)fluoranthene	1200		38	42.5	170	ug/Kg
50-32-8	Benzo(a)pyrene	1100		31	42.5	170	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	950		28	42.5	170	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	970		26	42.5	170	ug/Kg
191-24-2	Benzo(g,h,i)perylene	810		32	42.5	170	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	250		36	42.5	170	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	4.624		15-120		58	SPK: -8
7291-22-7	Pyridine-d5	22.41		20-120		56	SPK: -40
4165-62-2	Phenol-d5	27.277		10-130		68	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	26.756		10-150		67	SPK: -40
93951-73-6	2-Chlorophenol-d4	28.085		15-120		70	SPK: -40
190780-66-6	4-Methylphenol-d8	26.023		10-140		65	SPK: -40
4165-60-0	Nitrobenzene-d5	18.632		10-135		47	SPK: -40
93951-78-1	2-Nitrophenol-d4	5.774		10-120		14	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	26.727		10-140		67	SPK: -40
191656-33-4	4-Chloroaniline-d4	29.133		1-145		73	SPK: -40
85448-30-2	Dimethylphthalate-d6	29.466		10-145		74	SPK: -40
93951-97-4	Acenaphthylene-d8	30.953		15-120		77	SPK: -40
93951-79-2	4-Nitrophenol-d4	6.01		10-150		15	SPK: -40
81103-79-9	Fluorene-d10	30.238		20-140		76	SPK: -40

Report of Analysis

Client:		Date Collected:	12/11/2024 12:00:00 AM
Project:		Date Received:	12/11/2024 12:00:00 AM
Client Sample ID:	SLCS551	SDG No.:	BG121324
Lab Sample ID:	PB165551BS	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
BG063679.D	1	12/11/2024 12:00:00 AM	12/13/2024 12:00:00 AM	PB165551

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	1.848	*	10-130		5	SPK: -40
1719-06-8	Anthracene-d10	33.693		10-150		84	SPK: -40
1718-52-1	Pyrene-d10	31.723		10-130		79	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	39.493		10-140		99	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	223560	7.817				
1146-65-2	Naphthalene-d8	887239	10.608				
15067-26-2	Acenaphthene-d10	597771	14.457				
1517-22-2	Phenanthrene-d10	1159133	17.206				
1719-03-5	Chrysene-d12	1080599	21.46				
1520-96-3	Perylene-d12	779797	24.486				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	26	U			99	ug/Kg

Hit Summary Sheet SW-846

SDG No.: BG121324

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
Client ID : E28Q3								
P5153-16	E28Q3	Solid	2-Nonanone	*	130.000	J		
P5153-16	E28Q3	Solid	Benzophenone	*	620.000	J		
P5153-16	E28Q3	Solid	Total Alkanes	*	0.000	34	220	ug/Kg
Total Tics :				750.00				
P5153-16	E28Q3	Solid	1-Methylnaphthalene		53.000	J 31	220	ug/Kg
P5153-16	E28Q3	Solid	2-Methylnaphthalene		180.000	J 41	220	ug/Kg
P5153-16	E28Q3	Solid	Anthracene		45.000	J 32	220	ug/Kg
P5153-16	E28Q3	Solid	Benzo(a)anthracene		71.000	J 30	220	ug/Kg
P5153-16	E28Q3	Solid	Benzo(a)pyrene		120.000	J 40	220	ug/Kg
P5153-16	E28Q3	Solid	Benzo(b)fluoranthene		220.000	48	220	ug/Kg
P5153-16	E28Q3	Solid	Benzo(k)fluoranthene		58.000	J 49	220	ug/Kg
P5153-16	E28Q3	Solid	Bis(2-ethylhexyl)phthalate		100.000	J 32	220	ug/Kg
P5153-16	E28Q3	Solid	Chrysene		140.000	J 31	220	ug/Kg
P5153-16	E28Q3	Solid	Fluoranthene		140.000	J 25	220	ug/Kg
P5153-16	E28Q3	Solid	Naphthalene		83.000	J 31	220	ug/Kg
P5153-16	E28Q3	Solid	Phenanthrene		180.000	J 35	220	ug/Kg
P5153-16	E28Q3	Solid	Phenol		59.000	J 39	430	ug/Kg
P5153-16	E28Q3	Solid	Pyrene		130.000	J 23	220	ug/Kg
Total Svoc :				1,579.00				
Total Concentration:				2,329.00				
Client ID : E28R4								
P5153-21	E28R4	Solid	Benzophenone	*	270.000	J		
P5153-21	E28R4	Solid	Benzyl alcohol	*	110.000	J		
P5153-21	E28R4	Solid	Oxalic acid, octadecyl propyl este	*	620.000	J		
P5153-21	E28R4	Solid	Total Alkanes	*	0.000	33	220	ug/Kg
Total Tics :				1,000.00				
P5153-21	E28R4	Solid	2-Methylnaphthalene		83.000	J 41	220	ug/Kg
P5153-21	E28R4	Solid	Benzo(a)anthracene		190.000	J 30	220	ug/Kg
P5153-21	E28R4	Solid	Benzo(a)pyrene		320.000	40	220	ug/Kg
P5153-21	E28R4	Solid	Benzo(b)fluoranthene		460.000	48	220	ug/Kg
P5153-21	E28R4	Solid	Benzo(g,h,i)perylene		210.000	J 41	220	ug/Kg
P5153-21	E28R4	Solid	Benzo(k)fluoranthene		210.000	J 49	220	ug/Kg
P5153-21	E28R4	Solid	Bis(2-ethylhexyl)phthalate		910.000	32	220	ug/Kg
P5153-21	E28R4	Solid	Chrysene		270.000	31	220	ug/Kg
P5153-21	E28R4	Solid	Fluoranthene		290.000	24	220	ug/Kg
P5153-21	E28R4	Solid	Indeno(1,2,3-cd)pyrene		150.000	J 36	220	ug/Kg
P5153-21	E28R4	Solid	Naphthalene		130.000	J 31	220	ug/Kg

Hit Summary Sheet SW-846

SDG No.: BG121324

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
P5153-21	E28R4	Solid	Phenanthrene	210.000	J	35	220	ug/Kg
P5153-21	E28R4	Solid	Phenol	68.000	J	39	420	ug/Kg
P5153-21	E28R4	Solid	Pyrene	290.000		23	220	ug/Kg
Total Svoc :				3,791.00				
Total Concentration:				4,791.00				
Client ID : E28R6								
P5232-02	E28R6	Solid	Benzophenone	*	390.000	J		
P5232-02	E28R6	Solid	Total Alkanes	*	0.000	33	220	ug/Kg
Total Tics :				390.00				
P5232-02	E28R6	Solid	Benzo(a)anthracene		53.000	J	29	220 ug/Kg
P5232-02	E28R6	Solid	Benzo(a)pyrene		94.000	J	39	220 ug/Kg
P5232-02	E28R6	Solid	Benzo(b)fluoranthene		130.000	J	47	220 ug/Kg
P5232-02	E28R6	Solid	Benzo(g,h,i)perylene		76.000	J	41	220 ug/Kg
P5232-02	E28R6	Solid	Benzo(k)fluoranthene		59.000	J	48	220 ug/Kg
P5232-02	E28R6	Solid	Chrysene		84.000	J	31	220 ug/Kg
P5232-02	E28R6	Solid	Fluoranthene		81.000	J	24	220 ug/Kg
P5232-02	E28R6	Solid	Indeno(1,2,3-cd)pyrene		54.000	J	36	220 ug/Kg
P5232-02	E28R6	Solid	Phenanthrene		55.000	J	34	220 ug/Kg
P5232-02	E28R6	Solid	Phenol		60.000	J	38	420 ug/Kg
P5232-02	E28R6	Solid	Pyrene		78.000	J	23	220 ug/Kg
Total Svoc :				824.00				
Total Concentration:				1,214.00				
Client ID : E28T3								
P5232-19	E28T3	Solid	1H-Inden-1-one, 2,3-dihydro-	*	230.000	J		
P5232-19	E28T3	Solid	Benzophenone	*	600.000	J		
P5232-19	E28T3	Solid	Total Alkanes	*	0.000	37	240	ug/Kg
Total Tics :				830.00				
P5232-19	E28T3	Solid	2-Methylnaphthalene		61.000	J	45	240 ug/Kg
P5232-19	E28T3	Solid	Anthracene		120.000	J	35	240 ug/Kg
P5232-19	E28T3	Solid	Benzo(a)anthracene		110.000	J	33	240 ug/Kg
P5232-19	E28T3	Solid	Benzo(a)pyrene		180.000	J	44	240 ug/Kg
P5232-19	E28T3	Solid	Benzo(b)fluoranthene		270.000		52	240 ug/Kg
P5232-19	E28T3	Solid	Benzo(g,h,i)perylene		200.000	J	45	240 ug/Kg
P5232-19	E28T3	Solid	Benzo(k)fluoranthene		170.000	J	54	240 ug/Kg
P5232-19	E28T3	Solid	Chrysene		170.000	J	34	240 ug/Kg
P5232-19	E28T3	Solid	Fluoranthene		180.000	J	27	240 ug/Kg
P5232-19	E28T3	Solid	Fluorene		48.000	J	38	240 ug/Kg
P5232-19	E28T3	Solid	Naphthalene		120.000	J	34	240 ug/Kg
P5232-19	E28T3	Solid	Phenanthrene		150.000	J	38	240 ug/Kg
P5232-19	E28T3	Solid	Phenol		110.000	J	43	470 ug/Kg



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

Hit Summary Sheet
SW-846

SDG No.: BG121324

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
P5232-19	E28T3	Solid	Pyrene	190.000	J	26	240	ug/Kg
Total Svoc :						2,079.00		
Total Concentration:						2,909.00		

SEMIVOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name: CHEMTECH Contract: _____

Lab Code: CHEM Case No.: BG121124 SAS No.: BG121124 SDG No.: BG121124

Instrument ID: _____ Calibration Date(s): 12/11/2024

Calibration Time(s): 13:23

LAB FILE ID:	RRFAL1 = BG063651.D			RRFAL2 = BG063652.D		RRFAL3 = BG063653.D		
	RRFAL4 = BG063654.D			RRFAL5 = BG063655.D		RRFAL6 = BG063656.D		
COMPOUND	RRFAL1	RRFAL2	RRFAL3	RRFAL4	RRFAL5	RRFAL6	RRF	% RSD
1,4-Dioxane	0.567	0.593	0.689	0.576	0.596		0.604	8.1
Benzaldehyde		1.337	1.446	1.195	0.907	0.764	1.130	25.4
Pyridine		1.604	1.815	1.707	1.876	1.620	1.724	6.9
Hexachloroethane	0.587	0.609	0.627	0.590	0.553		0.593	4.7
Nitrobenzene	0.424	0.448	0.521	0.504	0.488		0.477	8.4
Isophorone	0.875	0.868	0.989	0.918	0.853		0.901	6.1
2-Nitrophenol	0.139	0.151	0.183	0.180	0.170		0.165	11.6
2,4-Dimethylphenol	0.352	0.361	0.404	0.384	0.365		0.373	5.5
Bis(2-Chloroethoxy)methane	0.467	0.476	0.531	0.494	0.469		0.487	5.5
2,4-Dichlorophenol	0.269	0.299	0.342	0.319	0.311		0.308	8.7
Naphthalene	0.957	1.007	1.105	1.008	0.923		1.000	6.9
4-Chloroaniline		0.347	0.423	0.390	0.372	0.341	0.374	9.0
Hexachlorobutadiene	0.234	0.242	0.271	0.253	0.250		0.250	5.5
Phenol		1.813	2.129	2.027	1.934	1.913	1.963	6.1
Caprolactam		0.099	0.119	0.110	0.101	0.104	0.106	7.7
4-Chloro-3-methylphenol	0.342	0.349	0.383	0.376	0.358		0.362	4.8
1-Methylnaphthalene	0.708	0.740	0.797	0.745	0.671		0.732	6.4
2-Methylnaphthalene	0.729	0.703	0.783	0.716	0.662		0.719	6.1
Hexachlorocyclopentadiene		0.151	0.230	0.265	0.297	0.322	0.253	26.4
2,4,6-Trichlorophenol	0.328	0.348	0.392	0.373	0.368		0.362	6.8
2,4,5-Trichlorophenol	0.345	0.352	0.398	0.410	0.384		0.378	7.5
1,1-Biphenyl	1.269	1.316	1.449	1.343	1.217		1.319	6.6
2-Chloronaphthalene	1.014	1.040	1.167	1.084	0.992		1.059	6.5
2-Nitroaniline	0.306	0.319	0.371	0.391	0.387		0.355	11.1
Bis(2-Chloroethyl)ether		1.454	1.662	1.509	1.473	1.413	1.502	6.4
Dimethylphthalate	1.341	1.334	1.504	1.396	1.245		1.364	7.0
2,6-Dinitrotoluene	0.217	0.238	0.277	0.269	0.265		0.253	9.9
Acenaphthylene	1.652	1.643	1.868	1.677	1.477		1.663	8.3
3-Nitroaniline		0.221	0.250	0.240	0.228	0.232	0.234	4.7
Acenaphthene	1.155	1.191	1.295	1.175	1.079		1.179	6.6
2,4-Dinitrophenol		0.074	0.104	0.128	0.162	0.179	0.129	32.8
4-Nitrophenol		0.151	0.194	0.213	0.216	0.228	0.200	15.0
Dibenzofuran	1.605	1.682	1.847	1.695	1.482		1.662	8.0
2,4-Dinitrotoluene	0.334	0.346	0.411	0.406	0.384		0.376	9.3
Diethylphthalate	1.290	1.289	1.462	1.338	1.214		1.319	7.0
2-Chlorophenol	0.995	1.193	1.372	1.249	1.227		1.207	11.3

All other compounds must meet a minimum RRF of 0.010.

SEMIVOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name: CHEMTECH

Contract: _____

Lab Code: CHEM Case No.: BG121124

SAS No.: BG121124

SDG No.: BG121124

Instrument ID: _____

Calibration Date(s): 12/11/2024

Calibration Time(s): 13:23

LAB FILE ID:		RRFAL1 = BG063651.D		RRFAL2 = BG063652.D		RRFAL3 = BG063653.D		
		RRFAL4 = BG063654.D		RRFAL5 = BG063655.D		RRFAL6 = BG063656.D		
COMPOUND	RRFAL1	RRFAL2	RRFAL3	RRFAL4	RRFAL5	RRFAL6	RRF	% RSD
Fluorene	1.338	1.354	1.472	1.310	1.163		1.327	8.3
4-Chlorophenyl-phenylether	0.737	0.741	0.814	0.743	0.663		0.739	7.2
4-Nitroaniline		0.208	0.267	0.248	0.224	0.226	0.234	9.8
4,6-Dinitro-2-methylphenol		0.087	0.106	0.112	0.115	0.115	0.107	11.1
N-Nitrosodiphenylamine	0.451	0.488	0.533	0.486	0.463		0.484	6.5
1,2,4,5-Tetrachlorobenzene	0.604	0.627	0.694	0.654	0.623		0.640	5.4
4-Bromophenyl-phenylether	0.187	0.198	0.227	0.207	0.200		0.204	7.4
Hexachlorobenzene	0.223	0.230	0.249	0.221	0.219		0.228	5.4
Atrazine		0.201	0.225	0.213	0.199	0.186	0.205	7.2
Pentachlorophenol		0.071	0.090	0.097	0.108	0.115	0.096	17.8
2-Methylphenol		1.316	1.568	1.465	1.384	1.361	1.419	7.0
Phenanthrene	0.964	0.985	1.066	0.970	0.834		0.964	8.6
Pentachlorobenzene	0.247	0.261	0.288	0.266	0.260		0.264	5.7
Anthracene	0.958	0.994	1.104	0.987	0.835		0.975	9.9
1,2,3,4-Tetrachlorobenzene	0.235	0.264	0.293	0.271	0.271		0.267	7.8
Carbazole		0.822	0.925	0.848	0.754	0.599	0.790	15.6
Di-n-butylphthalate	0.957	0.964	1.072	0.956	0.820		0.954	9.4
Fluoranthene	1.179	1.254	1.324	1.190	0.967		1.183	11.3
Pyrene	1.265	1.339	1.449	1.252	0.987		1.259	13.6
Butylbenzylphthalate	0.382	0.370	0.415	0.390	0.375		0.386	4.5
3,3-Dichlorobenzidine		0.365	0.405	0.371	0.355	0.309	0.361	9.6
2,2-oxybis (1-Chloropropane)		2.203	2.500	2.268	2.137	2.040	2.230	7.8
Benzo (a) anthracene	1.254	1.274	1.415	1.251	1.073		1.253	9.7
Chrysene	1.228	1.201	1.351	1.189	1.004		1.195	10.4
Bis (2-ethylhexyl) phthalate	0.563	0.550	0.617	0.559	0.521		0.562	6.3
Di-n-octyl phthalate		0.914	0.987	0.912	0.826	0.677	0.863	13.8
Benzo (b) fluoranthene	1.064	1.121	1.270	1.150	1.079		1.137	7.2
Benzo (k) fluoranthene	1.090	1.149	1.279	1.148	1.003		1.134	8.9
Benzo (a) pyrene	0.989	1.046	1.199	1.094	1.007		1.067	7.9
Indeno (1,2,3-cd) pyrene	1.193	1.272	1.436	1.325	1.290		1.303	6.8
Dibenzo (a,h) anthracene	0.930	1.020	1.169	1.066	1.028		1.043	8.3
Benzo (g,h,i) perylene	0.977	1.012	1.133	1.041	1.007		1.034	5.8
Acetophenone		2.390	2.742	2.504	2.332	2.160	2.426	8.9
2,3,4,6-Tetrachlorophenol	0.275	0.320	0.346	0.348	0.339		0.326	9.2
1,4-Dioxane-d8	0.446	0.484	0.598	0.481	0.543		0.510	11.8
Pyridine-d5		1.381	1.735	1.588	1.794	1.553	1.610	10.1

All other compounds must meet a minimum RRF of 0.010.



6C

SEMIVOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name: CHEMTECH Contract: _____
Lab Code: CHEM Case No.: BG121124 SAS No.: BG121124 SDG No.: BG121124
Instrument ID: _____ Calibration Date(s): 12/11/2024 _____
Calibration Time(s): 13:23 _____

LAB FILE ID:		RRFAL1 = BG063651.D			RRFAL2 = BG063652.D		RRFAL3 = BG063653.D	
		RRFAL4 = BG063654.D			RRFAL5 = BG063655.D		RRFAL6 = BG063656.D	
COMPOUND	RRFAL1	RRFAL2	RRFAL3	RRFAL4	RRFAL5	RRFAL6	RRF	% RSD
Phenol-d5		1.679	2.009	1.888	1.812	1.823	1.842	6.5
Bis-(2-Chloroethyl)ether-d8		1.201	1.404	1.260	1.261	1.236	1.272	6.1
2-Chlorophenol-d4	1.063	1.162	1.331	1.232	1.175		1.193	8.2
4-Methylphenol-d8		1.365	1.553	1.475	1.372	1.386	1.430	5.7
Nitrobenzene-d5	0.125	0.139	0.153	0.149	0.148		0.143	7.7
2-Nitrophenol-d4	0.149	0.145	0.169	0.171	0.168		0.160	7.6
2,4-Dichlorophenol-d3	0.275	0.296	0.343	0.324	0.312		0.310	8.4
4-Chloroaniline-d4		0.377	0.422	0.414	0.391	0.364	0.394	6.2
4-Methylphenol		1.415	1.728	1.625	1.514	1.482	1.553	8.0
Dimethylphthalate-d6	1.331	1.366	1.489	1.367	1.251		1.361	6.3
Acenaphthylene-d8	1.521	1.520	1.726	1.572	1.418		1.551	7.2
4-Nitrophenol-d4		0.145	0.195	0.204	0.207	0.213	0.193	14.4
Fluorene-d10	1.172	1.190	1.335	1.215	1.104		1.203	7.0
4,6-Dinitro-2-methylphenol		0.088	0.099	0.107	0.111	0.113	0.104	9.9
Anthracene-d10	0.869	0.871	0.938	0.848	0.773		0.860	6.9
Pyrene-d10	1.011	1.102	1.159	1.044	0.887		1.041	9.9
Benzo(a)pyrene-d12	0.866	0.913	1.046	0.956	0.916		0.939	7.2
N-Nitroso-di-n-propylamine	1.342	1.371	1.614	1.522	1.388		1.447	8.0

All other compounds must meet a minimum RRF of 0.010.

Form VI SV-1

8B

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BG121324 SAS No.: BG121324 SDG NO.: BG121324

EPA Sample No.: SSTD020433 Date Analyzed: Dec 13 2024 12:00AM

Lab File ID: BG063653.D Time Analyzed: 10:57

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

	IS1 (DCB) AREA #	RT #	IS2 (NPT) AREA #	RT #	IS3 (ANT) AREA #	RT #
12 HOUR STD	134078	7.812	591107	10.60	436199	14.45
UPPER LIMIT	268156	8.312	1182214	11.103	872398	14.951
LOWER LIMIT	67039	7.312	295553.5	10.103	218099.5	13.951
EPA SAMPLE NO.						
01 SBLK551	157821	7.81	642628	10.59	486799	14.45
02 E28Q4MS	244187	7.81	934921	10.60	593865	14.45
03 E28Q4MSD	229830	7.81	920543	10.60	594216	14.46
04 E28Q3	223341	7.82	878458	10.61	584817	14.45
05 E28T3	220787	7.82	870484	10.61	586378	14.46
06 E28R6	232112	7.82	921083	10.61	601014	14.46
07 E28R4	218126	7.82	857203	10.61	583095	14.45
08 SLCS551	223560	7.82	887239	10.61	597771	14.46

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

IS2 (NPT) = Naphthalene-d8

IS3 (ANT) = Acenaphthene-d10

AREA UPPER LIMIT = +100% of internal standard area

AREA LOWER LIMIT = -50% of internal standard area

RT UPPER LIMIT = +0.50 minutes of internal standard RT

RT UPPER LIMIT = -0.50 minutes of internal standard RT

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

* Values outside of QC limits.

8B

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BG121324 SAS No.: BG121324 SDG NO.: BG121324

EPA Sample No.: SSTD020564 Date Analyzed: Dec 13 2024 12:00AM

Lab File ID: BG063671.D Time Analyzed: 10:57

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

	IS1 (DCB) AREA #	RT #	IS2 (NPT) AREA #	RT #	IS3 (ANT) AREA #	RT #
12 HOUR STD	188690	7.806	837635	10.60	602573	14.45
UPPER LIMIT	377380	8.306	1675270	11.097	1205146	14.951
LOWER LIMIT	94345	7.306	418817.5	10.097	301286.5	13.951
EPA SAMPLE NO.						
01 SBLK551	157821	7.81	642628	10.59	486799	14.45
02 E28Q4MS	244187	7.81	934921	10.60	593865	14.45
03 E28Q4MSD	229830	7.81	920543	10.60	594216	14.46
04 E28Q3	223341	7.82	878458	10.61	584817	14.45
05 E28T3	220787	7.82	870484	10.61	586378	14.46
06 E28R6	232112	7.82	921083	10.61	601014	14.46
07 E28R4	218126	7.82	857203	10.61	583095	14.45
08 SLCS551	223560	7.82	887239	10.61	597771	14.46

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

IS2 (NPT) = Naphthalene-d8

IS3 (ANT) = Acenaphthene-d10

AREA UPPER LIMIT = +100% of internal standard area

AREA LOWER LIMIT = -50% of internal standard area

RT UPPER LIMIT = +0.50 minutes of internal standard RT

RT UPPER LIMIT = -0.50 minutes of internal standard RT

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

* Values outside of QC limits.

8C

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BG121324 SAS No.: BG121324 SDG NO.: BG121324

EPA Sample No.: SSTD020433 Date Analyzed: Dec 13 2024 12:00AM

Lab File ID: BG063653.D Time Analyzed: 10:57

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

	IS4 (PHN) AREA #	RT #	IS5 (CRY) AREA #	RT #	IS6 (PRY) AREA #	RT #
12 HOUR STD	1.04718e+01	17.207	1.05243e+01	21.461	1.14487e+01	24.481
UPPER LIMIT	2094360	17.707	2104860	21.961	2289740	24.981
LOWER LIMIT	523590	16.707	526215	20.961	572435	23.981
EPA SAMPLE NO.						
01 SBLK551	1.15899	17.20	1.1874e+01	21.45	1.23182e+01	24.47
02 E28Q4MS	1.20347	17.20	1.06796e+01	21.46	854714	24.53
03 E28Q4MSD	1.1448e	17.21	983686	21.47	691554	24.53
04 E28Q3	1.08867	17.21	909904	21.48	510859 *	24.53
05 E28T3	1.12175	17.21	968851	21.47	614023	24.52
06 E28R6	1.19118	17.21	1.11034e+01	21.46	817323	24.50
07 E28R4	1.1482e	17.21	1.04122e+01	21.46	764423	24.49
08 SLCS551	1.15913	17.21	1.0806e+01	21.46	779797	24.49

IS4 (PHN) = Phenanthrene-d10

IS5 (CRY) = Chrysene-d12

IS6 (PRY) = Perylene-d12

AREA UPPER LIMIT = +100% of internal standard area

AREA LOWER LIMIT = -50% of internal standard area

RT UPPER LIMIT = +0.50 minutes of internal standard RT

RT UPPER LIMIT = -0.50 minutes of internal standard RT

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

* Values outside of QC limits.

8C

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BG121324 SAS No.: BG121324 SDG NO.: BG121324

EPA Sample No.: SSTD020564 Date Analyzed: Dec 13 2024 12:00AM

Lab File ID: BG063671.D Time Analyzed: 10:57

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

	IS4 (PHN) AREA #	RT #	IS5 (CRY) AREA #	RT #	IS6 (PRY) AREA #	RT #
12 HOUR STD	1.44739e+01	17.201	1.34953e+	21.455	1.48605e+01	24.469
UPPER LIMIT	2894780	17.701	2699060	21.955	2972100	24.969
LOWER LIMIT	723695	16.701	674765	20.955	743025	23.969
EPA SAMPLE NO.						
01 SBLK551	1.15899	17.20	1.1874e+0	21.45	1.23182e+	24.47
02 E28Q4MS	1.20347	17.20	1.06796e+	21.46	854714	24.53
03 E28Q4MSD	1.1448e	17.21	983686	21.47	691554 *	24.53
04 E28Q3	1.08867	17.21	909904	21.48	510859 *	24.53
05 E28T3	1.12175	17.21	968851	21.47	614023 *	24.52
06 E28R6	1.19118	17.21	1.11034e+	21.46	817323	24.50
07 E28R4	1.1482e	17.21	1.04122e+	21.46	764423	24.49
08 SLCS551	1.15913	17.21	1.0806e+0	21.46	779797	24.49

IS4 (PHN) = Phenanthrene-d10

IS5 (CRY) = Chrysene-d12

IS6 (PRY) = Perylene-d12

AREA UPPER LIMIT = +100% of internal standard area

AREA LOWER LIMIT = -50% of internal standard area

RT UPPER LIMIT = +0.50 minutes of internal standard RT

RT UPPER LIMIT = -0.50 minutes of internal standard RT

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

* Values outside of QC limits.

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: BG121324

Client: _____

Analytical Method: SFAM_SVOC

DataFile: _____

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	RPD		Limits	
								Qual	Low	High	RPD
PB165551BS	1,4-Dioxane	530	260	ug/Kg	49				0	0	
	Benzaldehyde	1300	670	ug/Kg	52				0	0	
	Pyridine	1300	700	ug/Kg	54				0	0	
	Phenol	1300	870	ug/Kg	67				0	0	
	Bis(2-chloroethyl)ether	1300	860	ug/Kg	66				0	0	
	2-Chlorophenol	1300	930	ug/Kg	72				0	0	
	2-Methylphenol	1300	890	ug/Kg	68				0	0	
	2,2-oxybis(1-Chloropropane)	1300	890	ug/Kg	68				0	0	
	Acetophenone	1300	860	ug/Kg	66				0	0	
	4-Methylphenol	1300	850	ug/Kg	65				0	0	
	N-Nitroso-di-n-propylamine	1300	800	ug/Kg	62				0	0	
	Hexachloroethane	1300	450	ug/Kg	35				0	0	
	Nitrobenzene	1300	530	ug/Kg	41				0	0	
	Isophorone	1300	880	ug/Kg	68				0	0	
	2-Nitrophenol	1300	190	ug/Kg	15				0	0	
	2,4-Dimethylphenol	1300	770	ug/Kg	59				0	0	
	Bis(2-chloroethoxy)methane	1300	920	ug/Kg	71				0	0	
	2,4-Dichlorophenol	1300	800	ug/Kg	62				0	0	
	Naphthalene	1300	990	ug/Kg	76				0	0	
	4-Chloroaniline	1300	930	ug/Kg	72				0	0	
	Hexachlorobutadiene	1300	880	ug/Kg	68				0	0	
	Caprolactam	1300	2600	ug/Kg	200				0	0	
	4-Chloro-3-methylphenol	1300	870	ug/Kg	67				0	0	
	1-Methylnaphthalene	1300	930	ug/Kg	72				0	0	
	2-Methylnaphthalene	1300	940	ug/Kg	72				0	0	
	Hexachlorocyclopentadiene	1300		ug/Kg	0				0	0	
	2,4,6-Trichlorophenol	1300	510	ug/Kg	39				0	0	
	2,4,5-Trichlorophenol	1300	460	ug/Kg	35				0	0	
	1,1'-Biphenyl	1300	1100	ug/Kg	85				0	0	
	2-Chloronaphthalene	1300	1000	ug/Kg	77				0	0	
	2-Nitroaniline	1300	310	ug/Kg	24				0	0	
	Dimethylphthalate	1300	950	ug/Kg	73				0	0	
	2,6-Dinitrotoluene	1300	230	ug/Kg	18				0	0	
	Acenaphthylene	1300	1000	ug/Kg	77				0	0	
	3-Nitroaniline	1300	420	ug/Kg	32				0	0	
	Acenaphthene	1300	1000	ug/Kg	77				0	0	
	2,4-Dinitrophenol	1300		ug/Kg	0				0	0	
	4-Nitrophenol	1300	170	ug/Kg	13				0	0	
	Dibenzofuran	1300	1000	ug/Kg	77				0	0	
	2,4-Dinitrotoluene	1300	200	ug/Kg	15				0	0	
	Diethylphthalate	1300	980	ug/Kg	75				0	0	
	Fluorene	1300	980	ug/Kg	75				0	0	
	4-Chlorophenyl-phenylether	1300	920	ug/Kg	71				0	0	
	4-Nitroaniline	1300	450	ug/Kg	35				0	0	

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: BG121324

Client: _____

Analytical Method: SFAM_SVOC DataFile: _____

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	RPD		Limits		RPD
							Qual	Qual	Low	High	
PB165551BS	4,6-Dinitro-2-methylphenol	1300	67	ug/Kg	5				0	0	
	N-Nitrosodiphenylamine	1300	1200	ug/Kg	92				0	0	
	1,2,4,5-Tetrachlorobenzene	1300	940	ug/Kg	72				0	0	
	4-Bromophenyl-phenylether	1300	1100	ug/Kg	85				0	0	
	Hexachlorobenzene	1300	1100	ug/Kg	85				0	0	
	Atrazine	1300	390	ug/Kg	30				0	0	
	Pentachlorophenol	1300	120	ug/Kg	9				0	0	
	Phenanthrene	1300	1100	ug/Kg	85				0	0	
	Pentachlorobenzene	1300	1100	ug/Kg	85				0	0	
	Anthracene	1300	1100	ug/Kg	85				0	0	
	1,2,3,4-Tetrachlorobenzene	1300	1200	ug/Kg	92				0	0	
	Carbazole	1300	1200	ug/Kg	92				0	0	
	Di-n-butylphthalate	1300	1200	ug/Kg	92				0	0	
	Fluoranthene	1300	1100	ug/Kg	85				0	0	
	Pyrene	1300	1100	ug/Kg	85				0	0	
	Butylbenzylphthalate	1300	1400	ug/Kg	108				0	0	
	3,3'-Dichlorobenzidine	1300	1100	ug/Kg	85				0	0	
	Benzo(a)anthracene	1300	1000	ug/Kg	77				0	0	
	Chrysene	1300	1000	ug/Kg	77				0	0	
	Bis(2-ethylhexyl)phthalate	1300	1400	ug/Kg	108				0	0	
	Di-n-octylphthalate	1300	2300	ug/Kg	177				0	0	
	Benzo(b)fluoranthene	1300	1200	ug/Kg	92				0	0	
	Benzo(k)fluoranthene	1300	1200	ug/Kg	92				0	0	
	Benzo(a)pyrene	1300	1100	ug/Kg	85				0	0	
	Indeno(1,2,3-cd)pyrene	1300	950	ug/Kg	73				0	0	
	Dibenzo(a,h)anthracene	1300	970	ug/Kg	75				0	0	
	Benzo(g,h,i)perylene	1300	810	ug/Kg	62				0	0	
	2,3,4,6-Tetrachlorophenol	1300	250	ug/Kg	19				0	0	

4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

E28Q4MS

Lab Name: CHEMTECH

Contract: _____

Lab Code: CHEM Case No.: BG121324

SAS No.: BG121324 SDG NO.: BG121324

Lab File ID: BG063673.D

Lab Sample ID: P5153-18MS

Instrument ID: BNA_G

Date Extracted: 12/09/2024

Matrix: (soil/water) Solid

Date Analyzed: 12/13/2024

Level: (low/med) LOW

Time Analyzed: 11:37

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
E28Q4MS	P5153-18MS	BG063673.D	12/13/2024
E28Q4MSD	P5153-19MSD	BG063674.D	12/13/2024
E28Q3	P5153-16	BG063675.D	12/13/2024
E28R4	P5153-21	BG063678.D	12/13/2024

COMMENTS: _____

4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

SBLK551

Lab Name: CHEMTECH

Contract: _____

Lab Code: CHEM Case No.: BG121324

SAS No.: BG121324 SDG NO.: BG121324

Lab File ID: BG063672.D

Lab Sample ID: PB165551BL

Instrument ID: BNA_G

Date Extracted: 12/11/2024

Matrix: (soil/water) Solid

Date Analyzed: 12/13/2024

Level: (low/med) LOW

Time Analyzed: 10:57

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
PB165551BS	PB165551BS	BG063679.D	12/13/2024
E28T3	P5232-19	BG063676.D	12/13/2024
E28R6	P5232-02	BG063677.D	12/13/2024

COMMENTS: _____

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: BG121324

Client: _____

Analytical Method: SFAM_SVOC

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Low	Limits High	RPD
Lab Sample ID:	P5153-18MS	Client Sample ID:	E28Q4MS				DataFile:	BG063673.D			
1,4-Dioxane	690		540	ug/Kg	78				15	120	
Benzaldehyde	1700		440	ug/Kg	26				0	0	
Pyridine	1700		1100	ug/Kg	65				0	0	
Phenol	1700	77	1500	ug/Kg	84				26	90	
Bis(2-chloroethyl)ether	1700		1400	ug/Kg	82				0	0	
2-Chlorophenol	1700		1500	ug/Kg	88				25	102	
2-Methylphenol	1700		1300	ug/Kg	76				0	0	
2,2-oxybis(1-Chloropropane)	1700		1400	ug/Kg	82				0	0	
Acetophenone	1700		1400	ug/Kg	82				0	0	
4-Methylphenol	1700		1400	ug/Kg	82				0	0	
N-Nitroso-di-n-propylamine	1700		1300	ug/Kg	76				41	126	
Hexachloroethane	1700		1300	ug/Kg	76				0	0	
Nitrobenzene	1700		1400	ug/Kg	82				0	0	
Isophorone	1700		1400	ug/Kg	82				0	0	
2-Nitrophenol	1700		1300	ug/Kg	76				0	0	
2,4-Dimethylphenol	1700		1300	ug/Kg	76				0	0	
Bis(2-chloroethoxy)methane	1700		1500	ug/Kg	88				0	0	
2,4-Dichlorophenol	1700		1500	ug/Kg	88				0	0	
Naphthalene	1700	88	1600	ug/Kg	89				0	0	
4-Chloroaniline	1700		290	ug/Kg	17				0	0	
Hexachlorobutadiene	1700		1500	ug/Kg	88				0	0	
Caprolactam	1700		1200	ug/Kg	71				0	0	
4-Chloro-3-methylphenol	1700		1500	ug/Kg	88				26	103	
1-Methylnaphthalene	1700	55	1400	ug/Kg	79				0	0	
2-Methylnaphthalene	1700	180	1600	ug/Kg	84				0	0	
Hexachlorocyclopentadiene	1700		770	ug/Kg	45				0	0	
2,4,6-Trichlorophenol	1700		1800	ug/Kg	106				0	0	
2,4,5-Trichlorophenol	1700		1700	ug/Kg	100				0	0	
1,1'-Biphenyl	1700		1700	ug/Kg	100				0	0	
2-Chloronaphthalene	1700		1600	ug/Kg	94				0	0	
2-Nitroaniline	1700		1400	ug/Kg	82				0	0	
Dimethylphthalate	1700		1500	ug/Kg	88				0	0	
2,6-Dinitrotoluene	1700		1100	ug/Kg	65				0	0	
Acenaphthylene	1700		1100	ug/Kg	65				0	0	
3-Nitroaniline	1700		340	ug/Kg	20				0	0	
Acenaphthene	1700		1500	ug/Kg	88				31	137	
2,4-Dinitrophenol	1700		0	ug/Kg	0				0	0	
4-Nitrophenol	1700		1300	ug/Kg	76				11	114	
Dibenzofuran	1700		1600	ug/Kg	94				0	0	
2,4-Dinitrotoluene	1700		730	ug/Kg	43				28	89	
Diethylphthalate	1700		1500	ug/Kg	88				0	0	
Fluorene	1700		1500	ug/Kg	88				0	0	
4-Chlorophenyl-phenylether	1700		1400	ug/Kg	82				0	0	
4-Nitroaniline	1700		580	ug/Kg	34				0	0	
4,6-Dinitro-2-methylphenol	1700		110	ug/Kg	6				0	0	
N-Nitrosodiphenylamine	1700		1700	ug/Kg	100				0	0	

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: BG121324

Client: _____

Analytical Method: SFAM_SVOC

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Low	Limits High	RPD
1,2,4,5-Tetrachlorobenzene	1700		1500	ug/Kg	88				0	0	
4-Bromophenyl-phenylether	1700		1700	ug/Kg	100				0	0	
Hexachlorobenzene	1700		1600	ug/Kg	94				0	0	
Atrazine	1700		1600	ug/Kg	94				0	0	
Pentachlorophenol	1700		1900	ug/Kg	112	*			17	109	
Phenanthrene	1700	190	1800	ug/Kg	95				0	0	
Pentachlorobenzene	1700		1700	ug/Kg	100				0	0	
Anthracene	1700	45	1400	ug/Kg	80				0	0	
1,2,3,4-Tetrachlorobenzene	1700		1900	ug/Kg	112				0	0	
Carbazole	1700		1700	ug/Kg	100				0	0	
Di-n-butylphthalate	1700		1600	ug/Kg	94				0	0	
Fluoranthene	1700	150	1700	ug/Kg	91				0	0	
Pyrene	1700	160	1700	ug/Kg	91				35	142	
Butylbenzylphthalate	1700		1900	ug/Kg	112				0	0	
3,3'-Dichlorobenzidine	1700			ug/Kg	0				0	0	
Benzo(a)anthracene	1700	100	1600	ug/Kg	88				0	0	
Chrysene	1700	150	1700	ug/Kg	91				0	0	
Bis(2-ethylhexyl)phthalate	1700	89	1900	ug/Kg	107				0	0	
Di-n-octylphthalate	1700		2600	ug/Kg	153				0	0	
Benzo(b)fluoranthene	1700	220	1900	ug/Kg	99				0	0	
Benzo(k)fluoranthene	1700	100	2200	ug/Kg	124				0	0	
Benzo(a)pyrene	1700	130	1700	ug/Kg	92				0	0	
Indeno(1,2,3-cd)pyrene	1700	72	1600	ug/Kg	90				0	0	
Dibenzo(a,h)anthracene	1700		1700	ug/Kg	100				0	0	
Benzo(g,h,i)perylene	1700	100	1500	ug/Kg	82				0	0	
2,3,4,6-Tetrachlorophenol	1700		1600	ug/Kg	94				0	0	

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: BG121324

Client: _____

Analytical Method: SFAM_SVOC

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Low	Limits High	RPD
Lab Sample ID:	P5153-19MSD	Client Sample ID:	E28Q4MSD					DataFile:	BG063674.D		
1,4-Dioxane	680		370	ug/Kg	54		36		15	120	50
Benzaldehyde	1700		380	ug/Kg	22		17	*	0	0	0
Pyridine	1700		1000	ug/Kg	59		10	*	0	0	0
Phenol	1700	77	1300	ug/Kg	72		15		26	90	35
Bis(2-chloroethyl)ether	1700		1200	ug/Kg	71		14	*	0	0	0
2-Chlorophenol	1700		1400	ug/Kg	82		7		25	102	50
2-Methylphenol	1700		1300	ug/Kg	76		0		0	0	0
2,2-oxybis(1-Chloropropane)	1700		1300	ug/Kg	76		8	*	0	0	0
Acetophenone	1700		1200	ug/Kg	71		14	*	0	0	0
4-Methylphenol	1700		1300	ug/Kg	76		8	*	0	0	0
N-Nitroso-di-n-propylamine	1700		1100	ug/Kg	65		16		41	126	38
Hexachloroethane	1700		1000	ug/Kg	59		25	*	0	0	0
Nitrobenzene	1700		1100	ug/Kg	65		23	*	0	0	0
Isophorone	1700		1200	ug/Kg	71		14	*	0	0	0
2-Nitrophenol	1700		400	ug/Kg	24		104	*	0	0	0
2,4-Dimethylphenol	1700		1200	ug/Kg	71		7	*	0	0	0
Bis(2-chloroethoxy)methane	1700		1300	ug/Kg	76		15	*	0	0	0
2,4-Dichlorophenol	1700		1400	ug/Kg	82		7	*	0	0	0
Naphthalene	1700	88	1500	ug/Kg	83		7	*	0	0	0
4-Chloroaniline	1700		440	ug/Kg	26		42	*	0	0	0
Hexachlorobutadiene	1700		1300	ug/Kg	76		15	*	0	0	0
Caprolactam	1700		1200	ug/Kg	71		0		0	0	0
4-Chloro-3-methylphenol	1700		1400	ug/Kg	82		7		26	103	33
1-Methylnaphthalene	1700	55	1300	ug/Kg	73		8	*	0	0	0
2-Methylnaphthalene	1700	180	1500	ug/Kg	78		7	*	0	0	0
Hexachlorocyclopentadiene	1700		190	ug/Kg	11		121	*	0	0	0
2,4,6-Trichlorophenol	1700		1500	ug/Kg	88		19	*	0	0	0
2,4,5-Trichlorophenol	1700		1500	ug/Kg	88		13	*	0	0	0
1,1'-Biphenyl	1700		1500	ug/Kg	88		13	*	0	0	0
2-Chloronaphthalene	1700		1500	ug/Kg	88		7	*	0	0	0
2-Nitroaniline	1700		770	ug/Kg	45		58	*	0	0	0
Dimethylphthalate	1700		1300	ug/Kg	76		15	*	0	0	0
2,6-Dinitrotoluene	1700		400	ug/Kg	24		92	*	0	0	0
Acenaphthylene	1700		1100	ug/Kg	65		0		0	0	0
3-Nitroaniline	1700		440	ug/Kg	26		26	*	0	0	0
Acenaphthene	1700		1400	ug/Kg	82		7		31	137	19
2,4-Dinitrophenol	1700			ug/Kg	0				0	0	0
4-Nitrophenol	1700		700	ug/Kg	41		60	*	11	114	50
Dibenzofuran	1700		1400	ug/Kg	82		14	*	0	0	0
2,4-Dinitrotoluene	1700		240	ug/Kg	14	*	102	*	28	89	47
Diethylphthalate	1700		1300	ug/Kg	76		15	*	0	0	0
Fluorene	1700		1300	ug/Kg	76		15	*	0	0	0
4-Chlorophenyl-phenylether	1700		1300	ug/Kg	76		8	*	0	0	0
4-Nitroaniline	1700		700	ug/Kg	41		19	*	0	0	0
4,6-Dinitro-2-methylphenol	1700			ug/Kg	0		200	*	0	0	0
N-Nitrosodiphenylamine	1700		1600	ug/Kg	94		6	*	0	0	0

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: BG121324

Client: _____

Analytical Method: SFAM_SVOC

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Low	Limits High	RPD
1,2,4,5-Tetrachlorobenzene	1700		1400	ug/Kg	82	7	*		0	0	0
4-Bromophenyl-phenylether	1700		1500	ug/Kg	88	13	*		0	0	0
Hexachlorobenzene	1700		1500	ug/Kg	88	7	*		0	0	0
Atrazine	1700		1500	ug/Kg	88	7	*		0	0	0
Pentachlorophenol	1700		950	ug/Kg	56	67	*		17	109	47
Phenanthrene	1700	190	1700	ug/Kg	89	7	*		0	0	0
Pentachlorobenzene	1700		1600	ug/Kg	94	6	*		0	0	0
Anthracene	1700	45	1400	ug/Kg	80	0			0	0	0
1,2,3,4-Tetrachlorobenzene	1700		1700	ug/Kg	100	11	*		0	0	0
Carbazole	1700		1600	ug/Kg	94	6	*		0	0	0
Di-n-butylphthalate	1700		1600	ug/Kg	94	0			0	0	0
Fluoranthene	1700	150	1600	ug/Kg	85	7	*		0	0	0
Pyrene	1700	160	1600	ug/Kg	85	7			35	142	36
Butylbenzylphthalate	1700		1800	ug/Kg	106	6	*		0	0	0
3,3'-Dichlorobenzidine	1700			ug/Kg	0				0	0	0
Benzo(a)anthracene	1700	100	1400	ug/Kg	76	15	*		0	0	0
Chrysene	1700	150	1600	ug/Kg	85	7	*		0	0	0
Bis(2-ethylhexyl)phthalate	1700	89	1800	ug/Kg	101	6	*		0	0	0
Di-n-octylphthalate	1700		2800	ug/Kg	165	8	*		0	0	0
Benzo(b)fluoranthene	1700	220	1800	ug/Kg	93	6	*		0	0	0
Benzo(k)fluoranthene	1700	100	2500	ug/Kg	141	13	*		0	0	0
Benzo(a)pyrene	1700	130	1700	ug/Kg	92	0			0	0	0
Indeno(1,2,3-cd)pyrene	1700	72	1400	ug/Kg	78	14	*		0	0	0
Dibenzo(a,h)anthracene	1700		1400	ug/Kg	82	20	*		0	0	0
Benzo(g,h,i)perylene	1700	100	1200	ug/Kg	65	23	*		0	0	0
2,3,4,6-Tetrachlorophenol	1700		1200	ug/Kg	71	28	*		0	0	0

Surrogate Summary

SW-846

SDG No.: BG121324

Client: _____

Analytical Method: SFAM_SVOC

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P5153-16	E28Q3	BG063675.D	1,4-Dioxane-d8	8	3.38	42		15	120
			Pyridine-d5	40	14.74	37		20	120
			Phenol-d5	40	19.66	49		10	130
			Bis(2-Chloroethyl)ether-d8	40	19.14	48		10	150
			2-Chlorophenol-d4	40	21.92	55		15	120
			4-Methylphenol-d8	40	15.89	40		10	140
			Nitrobenzene-d5	40	14.61	37		10	135
			2-Nitrophenol-d4	40	2.74	7	*	10	120
			2,4-Dichlorophenol-d3	40	21.81	55		10	140
			4-Chloroaniline-d4	40	2.23	6		1	145
			Dimethylphthalate-d6	40	22.64	57		10	145
			Acenaphthylene-d8	40	14.83	37		15	120
			4-Nitrophenol-d4	40	5.62	14		10	150
			Fluorene-d10	40	20.41	51		20	140
			4,6-Dinitro-2-methylphenol-d2	40	0.14	0	*	10	130
			Anthracene-d10	40	19.79	49		10	150
			Pyrene-d10	40	21.61	54		10	130
			Benzo(a)pyrene-d12	40	19.97	50		10	140
P5153-18MS	E28Q4MS	BG063673.D	1,4-Dioxane-d8	8	4.39	55		15	120
			Pyridine-d5	40	19.21	48		20	120
			Phenol-d5	40	22.97	57		10	130
			Bis(2-Chloroethyl)ether-d8	40	23.74	59		10	150
			2-Chlorophenol-d4	40	25.56	64		15	120
			4-Methylphenol-d8	40	17.57	44		10	140
			Nitrobenzene-d5	40	26.51	66		10	135
			2-Nitrophenol-d4	40	23.37	58		10	120
			2,4-Dichlorophenol-d3	40	25.83	65		10	140
			4-Chloroaniline-d4	40	2.78	7		1	145
			Dimethylphthalate-d6	40	26.79	67		10	145
			Acenaphthylene-d8	40	19.15	48		15	120
			4-Nitrophenol-d4	40	15.28	38		10	150
			Fluorene-d10	40	25.72	64		20	140
			4,6-Dinitro-2-methylphenol-d2	40	1.12	3	*	10	130
			Anthracene-d10	40	23.68	59		10	150
			Pyrene-d10	40	25.53	64		10	130
			Benzo(a)pyrene-d12	40	22.48	56		10	140
P5153-19MSD	E28Q4MSD	BG063674.D	1,4-Dioxane-d8	8	3.79	47		15	120
			Pyridine-d5	40	17.90	45		20	120
			Phenol-d5	40	20.93	52		10	130
			Bis(2-Chloroethyl)ether-d8	40	20.27	51		10	150
			2-Chlorophenol-d4	40	23.27	58		15	120
			4-Methylphenol-d8	40	16.56	41		10	140
			Nitrobenzene-d5	40	21.13	53		10	135
			2-Nitrophenol-d4	40	7.11	18		10	120
			2,4-Dichlorophenol-d3	40	24.03	60		10	140
			4-Chloroaniline-d4	40	4.04	10		1	145
			Dimethylphthalate-d6	40	23.93	60		10	145
			Acenaphthylene-d8	40	18.36	46		15	120
			4-Nitrophenol-d4	40	8.70	22		10	150

Surrogate Summary

SW-846

SDG No.: BG121324

Client: _____

Analytical Method: SFAM_SVOC

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P5153-19MSD	E28Q4MSD	BG063674.D	Fluorene-d10	40	22.38	56		20	140
			4,6-Dinitro-2-methylphenol-d2	40	0.57	1	*	10	130
			Anthracene-d10	40	22.11	55		10	150
			Pyrene-d10	40	23.37	58		10	130
			Benzo(a)pyrene-d12	40	22.25	56		10	140
P5153-21	E28R4	BG063678.D	1,4-Dioxane-d8	8	2.88	36		15	120
			Pyridine-d5	40	7.16	18	*	20	120
			Phenol-d5	40	16.79	42		10	130
			Bis(2-Chloroethyl)ether-d8	40	17.15	43		10	150
			2-Chlorophenol-d4	40	20.17	50		15	120
			4-Methylphenol-d8	40	13.28	33		10	140
			Nitrobenzene-d5	40	8.65	22		10	135
			2-Nitrophenol-d4	40	1.71	4	*	10	120
			2,4-Dichlorophenol-d3	40	18.40	46		10	140
			4-Chloroaniline-d4	40	8.36	21		1	145
			Dimethylphthalate-d6	40	19.51	49		10	145
			Acenaphthylene-d8	40	20.17	50		15	120
			4-Nitrophenol-d4	40	1.48	4	*	10	150
			Fluorene-d10	40	19.33	48		20	140
			4,6-Dinitro-2-methylphenol-d2	40	0.10	0	*	10	130
			Anthracene-d10	40	21.14	53		10	150
			Pyrene-d10	40	19.80	49		10	130
			Benzo(a)pyrene-d12	40	20.37	51		10	140

Surrogate Summary

SW-846

SDG No.: BG121324

Client: _____

Analytical Method: SFAM_SVOC

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P5232-02	E28R6	BG063677.D	Pyridine-d5	40	12.42	31		20	120
			1,4-Dioxane-d8	8	2.96	37		15	120
			Phenol-d5	40	19.69	49		10	130
			Bis(2-Chloroethyl)ether-d8	40	18.09	45		10	150
			2-Chlorophenol-d4	40	20.73	52		15	120
			4-Methylphenol-d8	40	19.63	49		10	140
			Nitrobenzene-d5	40	11.50	29		10	135
			2-Nitrophenol-d4	40	3.11	8	*	10	120
			2,4-Dichlorophenol-d3	40	20.64	52		10	140
			4-Chloroaniline-d4	40	14.89	37		1	145
			Dimethylphthalate-d6	40	22.48	56		10	145
			Acenaphthylene-d8	40	22.89	57		15	120
			4-Nitrophenol-d4	40	3.57	9	*	10	150
			Fluorene-d10	40	21.56	54		20	140
			4,6-Dinitro-2-methylphenol-d2	40	0.25	1	*	10	130
			Anthracene-d10	40	23.98	60		10	150
			Pyrene-d10	40	21.95	55		10	130
			Benzo(a)pyrene-d12	40	22.57	56		10	140
P5232-19	E28T3	BG063676.D	Pyridine-d5	40	15.33	38		20	120
			1,4-Dioxane-d8	8	2.98	37		15	120
			Phenol-d5	40	22.28	56		10	130
			Bis(2-Chloroethyl)ether-d8	40	20.59	51		10	150
			2-Chlorophenol-d4	40	23.11	58		15	120
			4-Methylphenol-d8	40	19.76	49		10	140
			Nitrobenzene-d5	40	12.38	31		10	135
			2-Nitrophenol-d4	40	1.28	3	*	10	120
			2,4-Dichlorophenol-d3	40	23.49	59		10	140
			4-Chloroaniline-d4	40	9.90	25		1	145
			Dimethylphthalate-d6	40	26.26	66		10	145
			Acenaphthylene-d8	40	25.13	63		15	120
			4-Nitrophenol-d4	40	3.48	9	*	10	150
			Fluorene-d10	40	24.65	62		20	140
			4,6-Dinitro-2-methylphenol-d2	40	0.12	0	*	10	130
			Anthracene-d10	40	27.05	68		10	150
			Pyrene-d10	40	27.69	69		10	130
			Benzo(a)pyrene-d12	40	28.52	71		10	140
PB165551BL	PB165551BL	BG063672.D	Pyridine-d5	40	28.53	71		20	120
			1,4-Dioxane-d8	8	6.10	76		15	120
			Phenol-d5	40	31.90	80		10	130
			Bis(2-Chloroethyl)ether-d8	40	31.97	80		10	150
			2-Chlorophenol-d4	40	31.61	79		15	120
			4-Methylphenol-d8	40	29.75	74		10	140
			Nitrobenzene-d5	40	34.97	87		10	135
			2-Nitrophenol-d4	40	35.54	89		10	120
			2,4-Dichlorophenol-d3	40	32.14	80		10	140
			4-Chloroaniline-d4	40	33.37	83		1	145
			Dimethylphthalate-d6	40	36.97	92		10	145
			Acenaphthylene-d8	40	36.13	90		15	120
			4-Nitrophenol-d4	40	34.91	87		10	150

Surrogate Summary

SW-846

SDG No.: BG121324

Client: _____

Analytical Method: SFAM_SVOC

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
PB165551BL	PB165551BL	BG063672.D	Fluorene-d10	40	37.16	93		20	140
			4,6-Dinitro-2-methylphenol-d2	40	29.68	74		10	130
			Anthracene-d10	40	38.56	96		10	150
			Pyrene-d10	40	36.50	91		10	130
			Benzo(a)pyrene-d12	40	37.60	94		10	140
PB165551BS	PB165551BS	BG063679.D	1,4-Dioxane-d8	8	4.62	58		15	120
			Pyridine-d5	40	22.41	56		20	120
			Phenol-d5	40	27.28	68		10	130
			Bis(2-Chloroethyl)ether-d8	40	26.76	67		10	150
			2-Chlorophenol-d4	40	28.09	70		15	120
			4-Methylphenol-d8	40	26.02	65		10	140
			Nitrobenzene-d5	40	18.63	47		10	135
			2-Nitrophenol-d4	40	5.77	14		10	120
			2,4-Dichlorophenol-d3	40	26.73	67		10	140
			4-Chloroaniline-d4	40	29.13	73		1	145
			Dimethylphthalate-d6	40	29.47	74		10	145
			Acenaphthylene-d8	40	30.95	77		15	120
			4-Nitrophenol-d4	40	6.01	15		10	150
			Fluorene-d10	40	30.24	76		20	140
			4,6-Dinitro-2-methylphenol-d2	40	1.85	5	*	10	130
			Anthracene-d10	40	33.69	84		10	150
			Pyrene-d10	40	31.72	79		10	130
			Benzo(a)pyrene-d12	40	39.49	99		10	140

5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: CHEMTECH

Contract: BG121324

Lab Code: CHEM

SAS No.: BG121324 SDG NO.: BG121324

Lab File ID: BG063670.D

DFTPP Injection Date: 12/13/2024

Instrument ID: BNA_G

DFTPP Injection Time: 09:42

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
51	10.0 - 80.0% of mass 198	41.2
68	Less than 2.0% of mass 69	0.3 (0.6) 1
69	Mass 69 relative abundance	45.4
70	Less than 2.0% of mass 69	0.3 (0.6) 1
127	10.0 - 80.0% of mass 198	40
197	Less than 2.0% of mass 198	0.1
198	Base Peak, 100% relative abundance	100
199	5.0 to 9.0% of mass 198	7
275	10.0 - 60.0% of mass 198	27.4
365	Greater than 1% of mass 198	3.7
441	Present, but less than mass 443	11.1
442	Greater than 50% of mass 198	68.9
443	15.0 - 24.0% of mass 442	13.4 (19.4) 2

1-Value is % mass 69

2-Value is % mass 442

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
SSTD020564	SSTDCCC020	BG063671.D	12/13/2024	10:20
SBLK551	PB165551BL	BG063672.D	12/13/2024	10:57
E28Q4MS	P5153-18MS	BG063673.D	12/13/2024	11:37
E28Q4MSD	P5153-19MSD	BG063674.D	12/13/2024	12:15
E28Q3	P5153-16	BG063675.D	12/13/2024	12:52
E28T3	P5232-19	BG063676.D	12/13/2024	13:30
E28R6	P5232-02	BG063677.D	12/13/2024	14:07
E28R4	P5153-21	BG063678.D	12/13/2024	14:45
SLCS551	PB165551BS	BG063679.D	12/13/2024	15:23
SSTD020565	SSTDCCC020EC	BG063680.D	12/13/2024	16:23