

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: _____

Lab Code: CHEM Case No.: BG031924 SAS No.: BG031924 SDG No.: BG031924

Instrument ID: BNA_G Calibration Date/Time: 3/19/2024 1:11:01

Lab File ID: BG060677.D Init. Calib. Date(s): _____

EPA Sample No.: SSTDCCC040 Init. Calib. Time(s): _____

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

COMPOUND	RRF	RRF040	MIN RRF	%D	MAX%D
n-Nitrosodimethylamine	0.772	1.017		31.736	
Pyridine	1.574	1.924		22.236	
2-Fluorophenol	1.272	1.468		15.409	
Benzaldehyde	1.033	0.960		-7.067	
Aniline	2.255	2.175		-3.548	
Phenol-d6	1.846	1.760		-4.659	
Phenol	1.852	1.746		-5.724	20.0
bis(2-Chloroethyl)ether	1.476	1.385		-6.165	
2-Chlorophenol	1.391	1.315		-5.464	
1,2-Dichlorobenzene	1.510	1.394		-7.682	
1,3-Dichlorobenzene	1.500	1.396		-6.933	
1,4-Dichlorobenzene	1.520	1.404		-7.632	20.0
Benzyl Alcohol	1.459	1.341		-8.088	
2-Methylphenol	1.422	1.368		-3.797	
2,2-oxybis(1-Chloropropane)	2.866	2.689		-6.176	
Acetophenone	0.536	0.525		-2.052	
3+4-Methylphenols	1.918	1.854		-3.337	
n-Nitroso-di-n-propylamine	1.279	1.259	0.050	-1.564	
Nitrobenzene-d5	0.384	0.351		-8.594	
Hexachloroethane	0.519	0.485		-6.551	
Nitrobenzene	0.384	0.367		-4.427	
Isophorone	0.769	0.767		-0.26	
2-Nitrophenol	0.142	0.121		-14.789	20.0
2,4-Dimethylphenol	0.340	0.318		-6.471	
bis(2-Chloroethoxy)methane	0.461	0.449		-2.603	
2,4-Dichlorophenol	0.306	0.300		-1.961	20.0
1,2,4-Trichlorobenzene	0.324	0.304		-6.173	
Benzoic acid	0.199	0.189		-5.025	
Naphthalene	1.117	1.067		-4.476	
4-Chloroaniline	0.471	0.467		-0.849	
Hexachlorobutadiene	0.221	0.201		-9.05	20.0
Caprolactam	0.103	0.110		6.796	
4-Chloro-3-methylphenol	0.374	0.381		1.872	20.0
2-Methylnaphthalene	0.772	0.740		-4.145	
Hexachlorocyclopentadiene	0.302	0.250	0.050	-17.219	
2,4,6-Trichlorophenol	0.394	0.367		-6.853	20.0
2-Fluorobiphenyl	1.479	1.359		-8.114	
2,4,5-Trichlorophenol	0.467	0.443		-5.139	
1,1-Biphenyl	1.520	1.403		-7.697	
2-Chloronaphthalene	1.147	1.062		-7.411	
2-Nitroaniline	0.379	0.339		-10.554	

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EPA Sample No.: SSTDCCC040 Init. Calib. Time(s): _____

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

COMPOUND	RRF	RRF040	MIN RRF	%D	MAX%D
Dimethylphthalate	1.500	1.454		-3.067	
Acenaphthylene	1.869	1.783		-4.601	
2,6-Dinitrotoluene	0.276	0.248		-10.145	
3-Nitroaniline	0.318	0.306		-3.774	
Acenaphthene	1.117	1.067		-4.476	20.0
2,4-Dinitrophenol	0.118	0.103	0.050	-12.712	
4-Nitrophenol	0.237	0.238	0.050	0.422	
Dibenzofuran	1.808	1.726		-4.535	
2,4-Dinitrotoluene	0.348	0.333		-4.31	
Diethylphthalate	1.543	1.524		-1.231	
4-Chlorophenyl-phenylether	0.733	0.693		-5.457	
Fluorene	1.447	1.415		-2.211	
4-Nitroaniline	0.326	0.340		4.294	
4,6-Dinitro-2-methylphenol	0.083	0.074		-10.843	
n-Nitrosodiphenylamine	0.626	0.591		-5.591	20.0
Azobenzene	1.597	1.573		-1.503	
2,4,6-Tribromophenol	0.232	0.245		5.603	
4-Bromophenyl-phenylether	0.216	0.213		-1.389	
Hexachlorobenzene	0.248	0.231		-6.855	
Atrazine	0.209	0.205		-1.914	
Pentachlorophenol	0.161	0.160		-0.621	20.0
Phenanthrene	1.077	1.028		-4.55	
Anthracene	1.089	1.063		-2.388	
Carbazole	0.947	0.942		-0.528	
Di-n-butylphthalate	1.154	1.162		0.693	
Fluoranthene	1.192	1.190		-0.168	20.0
Benzidine	0.489	0.602		23.108	
Pyrene	1.396	1.337		-4.226	
Terphenyl-d14	1.106	1.041		-5.877	
Butylbenzylphthalate	0.528	0.539		2.083	
3,3-Dichlorobenzidine	0.464	0.474		2.155	
Benzo (a) anthracene	1.377	1.322		-3.994	
Chrysene	1.337	1.268		-5.161	
Bis (2-ethylhexyl) phthalate	0.779	0.793		1.797	
Di-n-octyl phthalate	1.283	1.358		5.846	20.0
Benzo (b) fluoranthene	1.100	1.068		-2.909	
Benzo (k) fluoranthene	1.156	1.116		-3.46	
Benzo (a) pyrene	1.079	1.058		-1.946	20.0
Indeno (1,2,3-cd) pyrene	1.364	1.338		-1.906	
Dibenzo (a,h) anthracene	1.158	1.106		-4.491	
Benzo (g,h,i) perylene	1.121	1.097		-2.141	



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Instrument ID: BNA_G Calibration Date/Time: 3/19/2024 1:11:01

Lab File ID: BG060677.D Init. Calib. Date(s): _____

EPA Sample No.: SSTDCCC040 Init. Calib. Time(s): _____

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

COMPOUND	RRF	RRF040	MIN RRF	%D	MAX%D
1,2,4,5-Tetrachlorobenzene	0.614	0.547		-10.912	
1,4-Dioxane	0.533	0.667		25.141	20.0
2,3,4,6-Tetrachlorophenol	0.389	0.383		-1.542	
1-Methylnaphthalene	0.724	0.705		-2.624	

All other compounds must meet a minimum RRF of 0.010.

Report of Analysis

Client:		Date Collected:	3/18/2024 12:00:00 AM
Project:		Date Received:	3/18/2024 12:00:00 AM
Client Sample ID:	PB159643BL	SDG No.:	BG031924
Lab Sample ID:	PB159643BL	Matrix:	Water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG060678.D	1	3/18/2024 12:00:00 AM	3/19/2024 12:00:00 AM	PB159643

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	1	U	1	8	10	ug/L
110-86-1	Pyridine	1.6	U	1.6	4	5	ug/L
100-52-7	Benzaldehyde	4	U	4	8	10	ug/L
62-53-3	Aniline	1.6	U	1.6	4	5	ug/L
108-95-2	Phenol	0.93	U	0.93	4	5	ug/L
111-44-4	bis(2-Chloroethyl)ether	1.2	U	1.2	4	5	ug/L
95-57-8	2-Chlorophenol	0.71	U	0.71	4	5	ug/L
95-50-1	1,2-Dichlorobenzene	0.88	U	0.88	4	5	ug/L
541-73-1	1,3-Dichlorobenzene	0.8	U	0.8	4	5	ug/L
106-46-7	1,4-Dichlorobenzene	0.84	U	0.84	4	5	ug/L
100-51-6	Benzyl Alcohol	1.6	U	1.6	8	10	ug/L
95-48-7	2-Methylphenol	1.1	U	1.1	4	5	ug/L
108-60-1	2,2-oxybis(1-Chloropropane)	1.4	U	1.4	4	5	ug/L
98-86-2	Acetophenone	1.1	U	1.1	4	5	ug/L
65794-96-9	3+4-Methylphenols	1.2	U	1.2	8	10	ug/L
621-64-7	n-Nitroso-di-n-propylamine	1.5	U	1.5	2.5	2.5	ug/L
67-72-1	Hexachloroethane	1	U	1	4	5	ug/L
98-95-3	Nitrobenzene	1.3	U	1.3	4	5	ug/L
78-59-1	Isophorone	1.1	U	1.1	4	5	ug/L
88-75-5	2-Nitrophenol	2	U	2	4	5	ug/L
105-67-9	2,4-Dimethylphenol	1.5	U	1.5	4	5	ug/L
111-91-1	bis(2-Chloroethoxy)methane	1	U	1	4	5	ug/L
120-83-2	2,4-Dichlorophenol	0.88	U	0.88	4	5	ug/L
120-82-1	1,2,4-Trichlorobenzene	1.1	U	1.1	4	5	ug/L
65-85-0	Benzoic acid	5.5	U	5.5	8	10	ug/L
91-20-3	Naphthalene	1	U	1	4	5	ug/L
106-47-8	4-Chloroaniline	1.3	U	1.3	4	5	ug/L
87-68-3	Hexachlorobutadiene	1.3	U	1.3	4	5	ug/L
105-60-2	Caprolactam	1.7	U	1.7	8	10	ug/L
59-50-7	4-Chloro-3-methylphenol	0.84	U	0.84	4	5	ug/L
91-57-6	2-Methylnaphthalene	1.1	U	1.1	4	5	ug/L

Report of Analysis

Client:		Date Collected:	3/18/2024 12:00:00 AM
Project:		Date Received:	3/18/2024 12:00:00 AM
Client Sample ID:	PB159643BL	SDG No.:	BG031924
Lab Sample ID:	PB159643BL	Matrix:	Water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG060678.D	1	3/18/2024 12:00:00 AM	3/19/2024 12:00:00 AM	PB159643

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
77-47-4	Hexachlorocyclopentadiene	5	U	5	8	10	ug/L
88-06-2	2,4,6-Trichlorophenol	0.89	U	0.89	4	5	ug/L
95-95-4	2,4,5-Trichlorophenol	1	U	1	4	5	ug/L
92-52-4	1,1-Biphenyl	0.91	U	0.91	4	5	ug/L
91-58-7	2-Chloronaphthalene	0.97	U	0.97	4	5	ug/L
88-74-4	2-Nitroaniline	1.4	U	1.4	4	5	ug/L
131-11-3	Dimethylphthalate	0.93	U	0.93	4	5	ug/L
208-96-8	Acenaphthylene	1	U	1	4	5	ug/L
606-20-2	2,6-Dinitrotoluene	1.2	U	1.2	4	5	ug/L
99-09-2	3-Nitroaniline	1.4	U	1.4	4	5	ug/L
83-32-9	Acenaphthene	0.81	U	0.81	4	5	ug/L
Total PAH	Total PAH	17.36	U	17.36	4	80	ug/L
51-28-5	2,4-Dinitrophenol	6.4	U	6.4	8	10	ug/L
100-02-7	4-Nitrophenol	2	U	2	8	10	ug/L
132-64-9	Dibenzofuran	0.93	U	0.93	4	5	ug/L
121-14-2	2,4-Dinitrotoluene	1.5	U	1.5	4	5	ug/L
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	2.7	U	2.7	4	10	ug/L
84-66-2	Diethylphthalate	1	U	1	4	5	ug/L
7005-72-3	4-Chlorophenyl-phenylether	0.98	U	0.98	4	5	ug/L
86-73-7	Fluorene	0.96	U	0.96	4	5	ug/L
100-01-6	4-Nitroaniline	2	U	2	4	5	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	3.1	U	3.1	8	10	ug/L
86-30-6	n-Nitrosodiphenylamine	0.89	U	0.89	4	5	ug/L
103-33-3	Azobenzene	1.2	U	1.2	4	5	ug/L
101-55-3	4-Bromophenyl-phenylether	0.95	U	0.95	4	5	ug/L
118-74-1	Hexachlorobenzene	1.1	U	1.1	4	5	ug/L
1912-24-9	Atrazine	1.3	U	1.3	4	5	ug/L
87-86-5	Pentachlorophenol	1.9	U	1.9	8	10	ug/L
85-01-8	Phenanthrene	0.89	U	0.89	4	5	ug/L
120-12-7	Anthracene	1.1	U	1.1	4	5	ug/L
86-74-8	Carbazole	1.2	U	1.2	4	5	ug/L
84-74-2	Di-n-butylphthalate	1.5	U	1.5	4	5	ug/L
206-44-0	Fluoranthene	1.3	U	1.3	4	5	ug/L

Report of Analysis

Client:		Date Collected:	3/18/2024 12:00:00 AM
Project:		Date Received:	3/18/2024 12:00:00 AM
Client Sample ID:	PB159643BL	SDG No.:	BG031924
Lab Sample ID:	PB159643BL	Matrix:	Water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG060678.D	1	3/18/2024 12:00:00 AM	3/19/2024 12:00:00 AM	PB159643

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-87-5	Benidine	4.1	U	4.1	8	10	ug/L
129-00-0	Pyrene	1.1	U	1.1	4	5	ug/L
85-68-7	Butylbenzylphthalate	2.1	U	2.1	4	5	ug/L
91-94-1	3,3-Dichlorobenzidine	1.3	U	1.3	8	10	ug/L
56-55-3	Benzo(a)anthracene	0.94	U	0.94	4	5	ug/L
218-01-9	Chrysene	0.86	U	0.86	4	5	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	1.9	U	1.9	4	5	ug/L
117-84-0	Di-n-octyl phthalate	2.5	U	2.5	8	10	ug/L
205-99-2	Benzo(b)fluoranthene	1.1	U	1.1	4	5	ug/L
207-08-9	Benzo(k)fluoranthene	1.2	U	1.2	4	5	ug/L
50-32-8	Benzo(a)pyrene	1.7	U	1.7	4	5	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	1	U	1	4	5	ug/L
53-70-3	Dibenzo(a,h)anthracene	1.2	U	1.2	4	5	ug/L
191-24-2	Benzo(g,h,i)perylene	1.2	U	1.2	4	5	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	1.1	U	1.1	4	5	ug/L
123-91-1	1,4-Dioxane	1.3	U	1.3	4	5	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	0.79	U	0.79	4	5	ug/L
90-12-0	1-Methylnaphthalene	0.86	U	0.86	4	5	ug/L
SURROGATES							
367-12-4	2-Fluorophenol	162.904		10-139		109	SPK: -150
13127-88-3	Phenol-d6	129.119		10-134		86	SPK: -150
4165-60-0	Nitrobenzene-d5	79.014		49-133		79	SPK: -100
321-60-8	2-Fluorobiphenyl	79.463		52-132		79	SPK: -100
118-79-6	2,4,6-Tribromophenol	147.916		32-145		99	SPK: -150
1718-51-0	Terphenyl-d14	77.76		36-145		78	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	87731	8.29				
1146-65-2	Naphthalene-d8	391433	11.134				
15067-26-2	Acenaphthene-d10	263379	14.923				
1517-22-2	Phenanthrene-d10	703885	17.667				
1719-03-5	Chrysene-d12	678359	21.986				
1520-96-3	Perylene-d12	789113	25.517				



284 Sheffield Street, Mountainside NJ 07092 (908)-789-8900 Fax : 908 789 8922

Report of Analysis

Client:		Date Collected:	3/18/2024 12:00:00 AM
Project:		Date Received:	3/18/2024 12:00:00 AM
Client Sample ID:	PB159643BL	SDG No.:	BG031924
Lab Sample ID:	PB159643BL	Matrix:	Water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG060678.D	1	3/18/2024 12:00:00 AM	3/19/2024 12:00:00 AM	PB159643

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TENTATIVE IDENTIFIED COMPOUNDS							
000123-42-2	2-Pentanone, 4-hydroxy-4-methyl-	5.5	A			5.323	
031158-91-5	Hexadecanoic acid, 1,1-dimethyleth	2.2	J			19.9	
014905-56-7	Tetradecane, 2,6,10-trimethyl-	2.4	J			25.446	
000629-94-7	Heneicosane	2.7	J			26.698	
001560-92-5	Hexadecane, 2-methyl-	2.9	J			28.214	

Report of Analysis

Client:		Date Collected:	3/18/2024 12:00:00 AM
Project:		Date Received:	3/18/2024 12:00:00 AM
Client Sample ID:	196-BAY-AVENUE	SDG No.:	BG031924
Lab Sample ID:	P1616-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	23.3
Sample Wt/Vol:	30.04 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG060679.D	1	3/19/2024 12:00:00 AM	3/19/2024 12:00:00 AM	PB159655

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	110	U	110	350	430	ug/Kg
110-86-1	Pyridine	100	U	100	170	220	ug/Kg
100-52-7	Benzaldehyde	240	U	240	350	430	ug/Kg
62-53-3	Aniline	130	U	130	170	220	ug/Kg
108-95-2	Phenol	110	U	110	170	220	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	110	U	110	170	220	ug/Kg
95-57-8	2-Chlorophenol	110	U	110	170	220	ug/Kg
95-50-1	1,2-Dichlorobenzene	110	U	110	170	220	ug/Kg
541-73-1	1,3-Dichlorobenzene	110	U	110	170	220	ug/Kg
106-46-7	1,4-Dichlorobenzene	110	U	110	170	220	ug/Kg
100-51-6	Benzyl Alcohol	110	U	110	350	430	ug/Kg
95-48-7	2-Methylphenol	100	U	100	170	220	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	120	U	120	170	220	ug/Kg
98-86-2	Acetophenone	110	U	110	170	220	ug/Kg
65794-96-9	3+4-Methylphenols	100	U	100	350	430	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	52.5	U	52.5	100	100	ug/Kg
67-72-1	Hexachloroethane	110	U	110	170	220	ug/Kg
98-95-3	Nitrobenzene	120	U	120	170	220	ug/Kg
78-59-1	Isophorone	110	U	110	170	220	ug/Kg
88-75-5	2-Nitrophenol	120	U	120	170	220	ug/Kg
105-67-9	2,4-Dimethylphenol	120	U	120	170	220	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	110	U	110	170	220	ug/Kg
120-83-2	2,4-Dichlorophenol	98.3	U	98.3	170	220	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	110	U	110	170	220	ug/Kg
65-85-0	Benzoic acid	310	U	310	350	430	ug/Kg
91-20-3	Naphthalene	110	U	110	170	220	ug/Kg
106-47-8	4-Chloroaniline	110	U	110	170	220	ug/Kg
87-68-3	Hexachlorobutadiene	110	U	110	170	220	ug/Kg
105-60-2	Caprolactam	110	U	110	350	430	ug/Kg
59-50-7	4-Chloro-3-methylphenol	100	U	100	170	220	ug/Kg
91-57-6	2-Methylnaphthalene	110	U	110	170	220	ug/Kg

Report of Analysis

Client:		Date Collected:	3/18/2024 12:00:00 AM
Project:		Date Received:	3/18/2024 12:00:00 AM
Client Sample ID:	196-BAY-AVENUE	SDG No.:	BG031924
Lab Sample ID:	P1616-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	23.3
Sample Wt/Vol:	30.04 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG060679.D	1	3/19/2024 12:00:00 AM	3/19/2024 12:00:00 AM	PB159655

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
77-47-4	Hexachlorocyclopentadiene	200	U	200	350	430	ug/Kg
88-06-2	2,4,6-Trichlorophenol	93	U	93	170	220	ug/Kg
95-95-4	2,4,5-Trichlorophenol	96.4	U	96.4	170	220	ug/Kg
92-52-4	1,1-Biphenyl	110	U	110	170	220	ug/Kg
91-58-7	2-Chloronaphthalene	110	U	110	170	220	ug/Kg
88-74-4	2-Nitroaniline	120	U	120	170	220	ug/Kg
131-11-3	Dimethylphthalate	110	U	110	170	220	ug/Kg
208-96-8	Acenaphthylene	110	U	110	170	220	ug/Kg
606-20-2	2,6-Dinitrotoluene	110	U	110	170	220	ug/Kg
99-09-2	3-Nitroaniline	120	U	120	170	220	ug/Kg
83-32-9	Acenaphthene	110	U	110	170	220	ug/Kg
Total PAH	Total PAH	2100	U	1740	170	3520	ug/Kg
51-28-5	2,4-Dinitrophenol	320	U	320	350	430	ug/Kg
100-02-7	4-Nitrophenol	150	U	150	350	430	ug/Kg
132-64-9	Dibenzofuran	110	U	110	170	220	ug/Kg
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	220	U	220	170	440	ug/Kg
121-14-2	2,4-Dinitrotoluene	110	U	110	170	220	ug/Kg
84-66-2	Diethylphthalate	100	U	100	170	220	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	110	U	110	170	220	ug/Kg
86-73-7	Fluorene	110	U	110	170	220	ug/Kg
100-01-6	4-Nitroaniline	140	U	140	170	220	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	150	U	150	350	430	ug/Kg
86-30-6	n-Nitrosodiphenylamine	110	U	110	170	220	ug/Kg
103-33-3	Azobenzene	100	U	100	170	220	ug/Kg
101-55-3	4-Bromophenyl-phenylether	100	U	100	170	220	ug/Kg
118-74-1	Hexachlorobenzene	110	U	110	170	220	ug/Kg
1912-24-9	Atrazine	120	U	120	170	220	ug/Kg
87-86-5	Pentachlorophenol	100	U	100	350	430	ug/Kg
85-01-8	Phenanthrene	480		110	170	220	ug/Kg
120-12-7	Anthracene	110	U	110	170	220	ug/Kg
86-74-8	Carbazole	100	U	100	170	220	ug/Kg
84-74-2	Di-n-butylphthalate	110	U	110	170	220	ug/Kg
206-44-0	Fluoranthene	480		110	170	220	ug/Kg

Report of Analysis

Client:		Date Collected:	3/18/2024 12:00:00 AM
Project:		Date Received:	3/18/2024 12:00:00 AM
Client Sample ID:	196-BAY-AVENUE	SDG No.:	BG031924
Lab Sample ID:	P1616-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	23.3
Sample Wt/Vol:	30.04 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG060679.D	1	3/19/2024 12:00:00 AM	3/19/2024 12:00:00 AM	PB159655

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-87-5	Benidine	210	U	210	350	430	ug/Kg
129-00-0	Pyrene	390		110	170	220	ug/Kg
85-68-7	Butylbenzylphthalate	130	U	130	170	220	ug/Kg
91-94-1	3,3-Dichlorobenzidine	130	U	130	350	430	ug/Kg
56-55-3	Benzo(a)anthracene	190	J	110	170	220	ug/Kg
218-01-9	Chrysene	180	J	100	170	220	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	230		120	170	220	ug/Kg
117-84-0	Di-n-octyl phthalate	140	U	140	350	430	ug/Kg
205-99-2	Benzo(b)fluoranthene	220		110	170	220	ug/Kg
207-08-9	Benzo(k)fluoranthene	110	U	110	170	220	ug/Kg
50-32-8	Benzo(a)pyrene	160	J	120	170	220	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	100	U	100	170	220	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	110	U	110	170	220	ug/Kg
191-24-2	Benzo(g,h,i)perylene	100	U	100	170	220	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	110	U	110	170	220	ug/Kg
123-91-1	1,4-Dioxane	140	U	140	170	220	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	97.3	U	97.3	170	220	ug/Kg
90-12-0	1-Methylnaphthalene	110	U	110	220	220	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	73.661		18-112		49	SPK: -150
13127-88-3	Phenol-d6	86.575		15-107		58	SPK: -150
4165-60-0	Nitrobenzene-d5	52.002		18-107		52	SPK: -100
321-60-8	2-Fluorobiphenyl	46.23		20-109		46	SPK: -100
118-79-6	2,4,6-Tribromophenol	70.088		10-110		47	SPK: -150
1718-51-0	Terphenyl-d14	45.467		14-112		45	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	93757	8.289				
1146-65-2	Naphthalene-d8	432052	11.133				
15067-26-2	Acenaphthene-d10	306418	14.922				
1517-22-2	Phenanthrene-d10	656009	17.672				
1719-03-5	Chrysene-d12	594807	21.985				
1520-96-3	Perylene-d12	727419	25.522				

Report of Analysis

Client:		Date Collected:	3/18/2024 12:00:00 AM
Project:		Date Received:	3/18/2024 12:00:00 AM
Client Sample ID:	196-BAY-AVENUE	SDG No.:	BG031924
Lab Sample ID:	P1616-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	23.3
Sample Wt/Vol:	30.04 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG060679.D	1	3/19/2024 12:00:00 AM	3/19/2024 12:00:00 AM	PB159655

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TENTATIVE IDENTIFIED COMPOUNDS							
000123-42-2	2-Pentanone, 4-hydroxy-4-methyl-	650	A			5.322	
000057-11-4	Octadecanoic acid	2300	J			15.909	
000822-24-2	Eicosyl acetate	460	J			16.756	
000593-49-7	Heptacosane	820	J			18.107	
000057-10-3	n-Hexadecanoic acid	270	J			18.495	
000593-45-3	Octadecane	1100	J			19.229	
074685-33-9	3-Eicosene, (E)-	260	J			19.317	
001599-68-4	Henicos-1-ene	140	J			20.011	
1000315-55-3	Phthalic acid, cyclohexyl 2-pentyl	440	J			20.445	
054833-23-7	Eicosane, 10-methyl-	440	J			20.492	
055045-08-4	Dodecane, 2-methyl-6-propyl-	930	J			20.857	
000646-31-1	Tetracosane	720	J			20.998	
007225-64-1	Heptadecane, 9-octyl-	830	J			21.532	
000630-02-4	Octacosane	890	J			21.609	
000630-01-3	Hexacosane	580	J			22.114	
055282-14-9	Docosane, 9-butyl-	680	J			22.449	
025117-29-7	4-Methylheneicosane	380	J			22.766	
001560-88-9	Octadecane, 2-methyl-	590	J			23.401	
054833-48-6	Heptadecane, 2,6,10,15-tetramethyl	230	J			23.518	
000629-92-5	Nonadecane	510	J			24.511	

Report of Analysis

Client:		Date Collected:	3/18/2024 12:00:00 AM
Project:		Date Received:	3/18/2024 12:00:00 AM
Client Sample ID:	SU-04-03182024	SDG No.:	BG031924
Lab Sample ID:	P1791-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	4.5
Sample Wt/Vol:	50.03 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG060680.D	2	3/19/2024 12:00:00 AM	3/19/2024 12:00:00 AM	PB159655

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	110	U	110	340	410	ug/Kg
110-86-1	Pyridine	100	U	100	160	210	ug/Kg
100-52-7	Benzaldehyde	230	U	230	340	410	ug/Kg
62-53-3	Aniline	120	U	120	160	210	ug/Kg
108-95-2	Phenol	100	U	100	160	210	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	110	U	110	160	210	ug/Kg
95-57-8	2-Chlorophenol	100	U	100	160	210	ug/Kg
95-50-1	1,2-Dichlorobenzene	110	U	110	160	210	ug/Kg
541-73-1	1,3-Dichlorobenzene	110	U	110	160	210	ug/Kg
106-46-7	1,4-Dichlorobenzene	110	U	110	160	210	ug/Kg
100-51-6	Benzyl Alcohol	100	U	100	340	410	ug/Kg
95-48-7	2-Methylphenol	100	U	100	160	210	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	110	U	110	160	210	ug/Kg
98-86-2	Acetophenone	110	U	110	160	210	ug/Kg
65794-96-9	3+4-Methylphenols	100	U	100	340	410	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	50.6	U	50.6	100	100	ug/Kg
67-72-1	Hexachloroethane	100	U	100	160	210	ug/Kg
98-95-3	Nitrobenzene	110	U	110	160	210	ug/Kg
78-59-1	Isophorone	110	U	110	160	210	ug/Kg
88-75-5	2-Nitrophenol	120	U	120	160	210	ug/Kg
105-67-9	2,4-Dimethylphenol	120	U	120	160	210	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	110	U	110	160	210	ug/Kg
120-83-2	2,4-Dichlorophenol	94.8	U	94.8	160	210	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	110	U	110	160	210	ug/Kg
65-85-0	Benzoic acid	300	U	300	340	410	ug/Kg
91-20-3	Naphthalene	100	U	100	160	210	ug/Kg
106-47-8	4-Chloroaniline	100	U	100	160	210	ug/Kg
87-68-3	Hexachlorobutadiene	100	U	100	160	210	ug/Kg
105-60-2	Caprolactam	110	U	110	340	410	ug/Kg
59-50-7	4-Chloro-3-methylphenol	97.3	U	97.3	160	210	ug/Kg
91-57-6	2-Methylnaphthalene	100	U	100	160	210	ug/Kg

Report of Analysis

Client:		Date Collected:	3/18/2024 12:00:00 AM
Project:		Date Received:	3/18/2024 12:00:00 AM
Client Sample ID:	SU-04-03182024	SDG No.:	BG031924
Lab Sample ID:	P1791-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	4.5
Sample Wt/Vol:	50.03 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG060680.D	2	3/19/2024 12:00:00 AM	3/19/2024 12:00:00 AM	PB159655

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
77-47-4	Hexachlorocyclopentadiene	200	U	200	340	410	ug/Kg
88-06-2	2,4,6-Trichlorophenol	89.7	U	89.7	160	210	ug/Kg
95-95-4	2,4,5-Trichlorophenol	92.9	U	92.9	160	210	ug/Kg
92-52-4	1,1-Biphenyl	110	U	110	160	210	ug/Kg
91-58-7	2-Chloronaphthalene	100	U	100	160	210	ug/Kg
88-74-4	2-Nitroaniline	120	U	120	160	210	ug/Kg
131-11-3	Dimethylphthalate	100	U	100	160	210	ug/Kg
208-96-8	Acenaphthylene	110	U	110	160	210	ug/Kg
606-20-2	2,6-Dinitrotoluene	100	U	100	160	210	ug/Kg
99-09-2	3-Nitroaniline	110	U	110	160	210	ug/Kg
83-32-9	Acenaphthene	100	U	100	160	210	ug/Kg
Total PAH	Total PAH	1657.9	U	1657.9	160	3360	ug/Kg
51-28-5	2,4-Dinitrophenol	310	U	310	340	410	ug/Kg
100-02-7	4-Nitrophenol	150	U	150	340	410	ug/Kg
132-64-9	Dibenzofuran	110	U	110	160	210	ug/Kg
121-14-2	2,4-Dinitrotoluene	110	U	110	160	210	ug/Kg
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	210	U	210	160	420	ug/Kg
84-66-2	Diethylphthalate	100	U	100	160	210	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	110	U	110	160	210	ug/Kg
86-73-7	Fluorene	110	U	110	160	210	ug/Kg
100-01-6	4-Nitroaniline	130	U	130	160	210	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	150	U	150	340	410	ug/Kg
86-30-6	n-Nitrosodiphenylamine	100	U	100	160	210	ug/Kg
103-33-3	Azobenzene	100	U	100	160	210	ug/Kg
101-55-3	4-Bromophenyl-phenylether	99.1	U	99.1	160	210	ug/Kg
118-74-1	Hexachlorobenzene	110	U	110	160	210	ug/Kg
1912-24-9	Atrazine	110	U	110	160	210	ug/Kg
87-86-5	Pentachlorophenol	97.1	U	97.1	340	410	ug/Kg
85-01-8	Phenanthrene	110	U	110	160	210	ug/Kg
120-12-7	Anthracene	110	U	110	160	210	ug/Kg
86-74-8	Carbazole	100	U	100	160	210	ug/Kg
84-74-2	Di-n-butylphthalate	110	U	110	160	210	ug/Kg
206-44-0	Fluoranthene	100	U	100	160	210	ug/Kg

Report of Analysis

Client:		Date Collected:	3/18/2024 12:00:00 AM
Project:		Date Received:	3/18/2024 12:00:00 AM
Client Sample ID:	SU-04-03182024	SDG No.:	BG031924
Lab Sample ID:	P1791-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	4.5
Sample Wt/Vol:	50.03	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Cleanup :	PH :
	GPC Factor :		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG060680.D	2	3/19/2024 12:00:00 AM	3/19/2024 12:00:00 AM	PB159655

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-87-5	Benidine	200	U	200	340	410	ug/Kg
129-00-0	Pyrene	100	J	100	160	210	ug/Kg
85-68-7	Butylbenzylphthalate	120	U	120	160	210	ug/Kg
91-94-1	3,3-Dichlorobenzidine	120	U	120	340	410	ug/Kg
56-55-3	Benzo(a)anthracene	100	U	100	160	210	ug/Kg
218-01-9	Chrysene	99.8	U	99.8	160	210	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	170	J	110	160	210	ug/Kg
117-84-0	Di-n-octyl phthalate	140	U	140	340	410	ug/Kg
205-99-2	Benzo(b)fluoranthene	100	U	100	160	210	ug/Kg
207-08-9	Benzo(k)fluoranthene	100	U	100	160	210	ug/Kg
50-32-8	Benzo(a)pyrene	120	U	120	160	210	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	98.1	U	98.1	160	210	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	100	U	100	160	210	ug/Kg
191-24-2	Benzo(g,h,i)perylene	100	U	100	160	210	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	110	U	110	160	210	ug/Kg
123-91-1	1,4-Dioxane	140	U	140	160	210	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	93.8	U	93.8	160	210	ug/Kg
90-12-0	1-Methylnaphthalene	100	U	100	210	210	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	72.562		18-112		48	SPK: -150
13127-88-3	Phenol-d6	72.52		15-107		48	SPK: -150
4165-60-0	Nitrobenzene-d5	47.244		18-107		47	SPK: -100
321-60-8	2-Fluorobiphenyl	47.948		20-109		48	SPK: -100
118-79-6	2,4,6-Tribromophenol	74.13		10-110		49	SPK: -150
1718-51-0	Terphenyl-d14	50.714		14-112		51	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	110826	8.29				
1146-65-2	Naphthalene-d8	432865	11.133				
15067-26-2	Acenaphthene-d10	296116	14.923				
1517-22-2	Phenanthrene-d10	584919	17.673				
1719-03-5	Chrysene-d12	524351	21.991				
1520-96-3	Perylene-d12	613985	25.528				



Report of Analysis

Client:		Date Collected:	3/18/2024 12:00:00 AM
Project:		Date Received:	3/18/2024 12:00:00 AM
Client Sample ID:	SU-04-03182024	SDG No.:	BG031924
Lab Sample ID:	P1791-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	4.5
Sample Wt/Vol:	50.03	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG060680.D	2	3/19/2024 12:00:00 AM	3/19/2024 12:00:00 AM	PB159655

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TENTATIVE IDENTIFIED COMPOUNDS							
000057-10-3	n-Hexadecanoic acid	120	J			18.49	
000629-94-7	Heneicosane	100	J			20.499	
035599-77-0	Tridecane, 1-iodo-	260	J			21.004	
000630-02-4	Octacosane	630	J			21.533	
000629-99-2	Pentacosane	670	J			22.115	
000646-31-1	Tetracosane	540	J			22.773	
013187-99-0	2-Bromo dodecane	250	J			23.519	

Report of Analysis

Client:		Date Collected:	3/15/2024 12:00:00 AM
Project:		Date Received:	3/15/2024 12:00:00 AM
Client Sample ID:	TP-22	SDG No.:	BG031924
Lab Sample ID:	P1786-02	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	11.4
Sample Wt/Vol:	30.05	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Cleanup :	PH :
	GPC Factor :		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG060681.D	1	3/19/2024 12:00:00 AM	3/19/2024 12:00:00 AM	PB159655

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	97.8	U	97.8	300	370	ug/Kg
110-86-1	Pyridine	90	U	90	150	190	ug/Kg
100-52-7	Benzaldehyde	210	U	210	300	370	ug/Kg
62-53-3	Aniline	110	U	110	150	190	ug/Kg
108-95-2	Phenol	93.4	U	93.4	150	190	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	94.3	U	94.3	150	190	ug/Kg
95-57-8	2-Chlorophenol	94.1	U	94.1	150	190	ug/Kg
95-50-1	1,2-Dichlorobenzene	95.3	U	95.3	150	190	ug/Kg
541-73-1	1,3-Dichlorobenzene	96.9	U	96.9	150	190	ug/Kg
106-46-7	1,4-Dichlorobenzene	97.5	U	97.5	150	190	ug/Kg
100-51-6	Benzyl Alcohol	93.5	U	93.5	300	370	ug/Kg
95-48-7	2-Methylphenol	90.8	U	90.8	150	190	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	100	U	100	150	190	ug/Kg
98-86-2	Acetophenone	97.9	U	97.9	150	190	ug/Kg
65794-96-9	3+4-Methylphenols	89.9	U	89.9	300	370	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	45.4	U	45.4	90.1	90.1	ug/Kg
67-72-1	Hexachloroethane	93.5	U	93.5	150	190	ug/Kg
98-95-3	Nitrobenzene	100	U	100	150	190	ug/Kg
78-59-1	Isophorone	95.3	U	95.3	150	190	ug/Kg
88-75-5	2-Nitrophenol	110	U	110	150	190	ug/Kg
105-67-9	2,4-Dimethylphenol	110	U	110	150	190	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	96.7	U	96.7	150	190	ug/Kg
120-83-2	2,4-Dichlorophenol	85.1	U	85.1	150	190	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	96.2	U	96.2	150	190	ug/Kg
65-85-0	Benzoic acid	270	U	270	300	370	ug/Kg
91-20-3	Naphthalene	93.1	U	93.1	150	190	ug/Kg
106-47-8	4-Chloroaniline	93.1	U	93.1	150	190	ug/Kg
87-68-3	Hexachlorobutadiene	93.9	U	93.9	150	190	ug/Kg
105-60-2	Caprolactam	97.8	U	97.8	300	370	ug/Kg
59-50-7	4-Chloro-3-methylphenol	87.3	U	87.3	150	190	ug/Kg
91-57-6	2-Methylnaphthalene	93	U	93	150	190	ug/Kg

Report of Analysis

Client:		Date Collected:	3/15/2024 12:00:00 AM
Project:		Date Received:	3/15/2024 12:00:00 AM
Client Sample ID:	TP-22	SDG No.:	BG031924
Lab Sample ID:	P1786-02	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	11.4
Sample Wt/Vol:	30.05	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Cleanup :	PH :
	GPC Factor :		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG060681.D	1	3/19/2024 12:00:00 AM	3/19/2024 12:00:00 AM	PB159655

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
77-47-4	Hexachlorocyclopentadiene	180	U	180	300	370	ug/Kg
88-06-2	2,4,6-Trichlorophenol	80.5	U	80.5	150	190	ug/Kg
95-95-4	2,4,5-Trichlorophenol	83.4	U	83.4	150	190	ug/Kg
92-52-4	1,1-Biphenyl	98.5	U	98.5	150	190	ug/Kg
91-58-7	2-Chloronaphthalene	93.9	U	93.9	150	190	ug/Kg
88-74-4	2-Nitroaniline	110	U	110	150	190	ug/Kg
131-11-3	Dimethylphthalate	92.1	U	92.1	150	190	ug/Kg
208-96-8	Acenaphthylene	97.5	U	97.5	150	190	ug/Kg
606-20-2	2,6-Dinitrotoluene	93.7	U	93.7	150	190	ug/Kg
99-09-2	3-Nitroaniline	100	U	100	150	190	ug/Kg
83-32-9	Acenaphthene	91.4	U	91.4	150	190	ug/Kg
Total PAH	Total PAH	1488.5	U	1488.5	150	3040	ug/Kg
51-28-5	2,4-Dinitrophenol	270	U	270	300	370	ug/Kg
100-02-7	4-Nitrophenol	130	U	130	300	370	ug/Kg
132-64-9	Dibenzofuran	95.1	U	95.1	150	190	ug/Kg
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	90.8	U	190.8	150	380	ug/Kg
121-14-2	2,4-Dinitrotoluene	97.1	U	97.1	150	190	ug/Kg
84-66-2	Diethylphthalate	90.3	U	90.3	150	190	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	96.5	U	96.5	150	190	ug/Kg
86-73-7	Fluorene	96.3	U	96.3	150	190	ug/Kg
100-01-6	4-Nitroaniline	120	U	120	150	190	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	130	U	130	300	370	ug/Kg
86-30-6	n-Nitrosodiphenylamine	91.9	U	91.9	150	190	ug/Kg
103-33-3	Azobenzene	89.7	U	89.7	150	190	ug/Kg
101-55-3	4-Bromophenyl-phenylether	88.9	U	88.9	150	190	ug/Kg
118-74-1	Hexachlorobenzene	95.8	U	95.8	150	190	ug/Kg
1912-24-9	Atrazine	100	U	100	150	190	ug/Kg
87-86-5	Pentachlorophenol	87.1	U	87.1	300	370	ug/Kg
85-01-8	Phenanthrene	94.7	U	94.7	150	190	ug/Kg
120-12-7	Anthracene	95.1	U	95.1	150	190	ug/Kg
86-74-8	Carbazole	90.5	U	90.5	150	190	ug/Kg
84-74-2	Di-n-butylphthalate	95	U	95	150	190	ug/Kg
206-44-0	Fluoranthene	92.1	U	92.1	150	190	ug/Kg

Report of Analysis

Client:		Date Collected:	3/15/2024 12:00:00 AM
Project:		Date Received:	3/15/2024 12:00:00 AM
Client Sample ID:	TP-22	SDG No.:	BG031924
Lab Sample ID:	P1786-02	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	11.4
Sample Wt/Vol:	30.05	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG060681.D	1	3/19/2024 12:00:00 AM	3/19/2024 12:00:00 AM	PB159655

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-87-5	Benidine	180	U	180	300	370	ug/Kg
129-00-0	Pyrene	93.5	U	93.5	150	190	ug/Kg
85-68-7	Butylbenzylphthalate	110	U	110	150	190	ug/Kg
91-94-1	3,3-Dichlorobenzidine	110	U	110	300	370	ug/Kg
56-55-3	Benzo(a)anthracene	90.9	U	90.9	150	190	ug/Kg
218-01-9	Chrysene	89.6	U	89.6	150	190	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	100	U	100	150	190	ug/Kg
117-84-0	Di-n-octyl phthalate	120	U	120	300	370	ug/Kg
205-99-2	Benzo(b)fluoranthene	91.4	U	91.4	150	190	ug/Kg
207-08-9	Benzo(k)fluoranthene	93.1	U	93.1	150	190	ug/Kg
50-32-8	Benzo(a)pyrene	100	U	100	150	190	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	88	U	88	150	190	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	91.5	U	91.5	150	190	ug/Kg
191-24-2	Benzo(g,h,i)perylene	90.3	U	90.3	150	190	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	97.8	U	97.8	150	190	ug/Kg
123-91-1	1,4-Dioxane	120	U	120	150	190	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	84.2	U	84.2	150	190	ug/Kg
90-12-0	1-Methylnaphthalene	93.7	U	93.7	190	190	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	78.673		18-112		52	SPK: -150
13127-88-3	Phenol-d6	75.961		15-107		51	SPK: -150
4165-60-0	Nitrobenzene-d5	56.226		18-107		56	SPK: -100
321-60-8	2-Fluorobiphenyl	52.864		20-109		53	SPK: -100
118-79-6	2,4,6-Tribromophenol	85.54		10-110		57	SPK: -150
1718-51-0	Terphenyl-d14	54.274		14-112		54	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	116073	8.294				
1146-65-2	Naphthalene-d8	490767	11.138				
15067-26-2	Acenaphthene-d10	325042	14.921				
1517-22-2	Phenanthrene-d10	657847	17.671				
1719-03-5	Chrysene-d12	592974	21.99				
1520-96-3	Perylene-d12	692135	25.538				



284 Sheffield Street, Mountainside NJ 07092 (908)-789-8900 Fax : 908 789 8922

Report of Analysis

Client:		Date Collected:	3/15/2024 12:00:00 AM
Project:		Date Received:	3/15/2024 12:00:00 AM
Client Sample ID:	TP-22	SDG No.:	BG031924
Lab Sample ID:	P1786-02	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	11.4
Sample Wt/Vol:	30.05	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
Decanted :		Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG060681.D	1	3/19/2024 12:00:00 AM	3/19/2024 12:00:00 AM	PB159655

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TENTATIVE IDENTIFIED COMPOUNDS							
000544-63-8	Tetradecanoic acid	180	J			18.494	
000646-31-1	Tetracosane	75.5	J			21.003	
1000383-11-5	Carbonic acid, octadecyl prop-1-en	280	J			21.537	
000629-92-5	Nonadecane	270	J			22.113	
000630-02-4	Octacosane	280	J			22.771	

Report of Analysis

Client:		Date Collected:	3/15/2024 12:00:00 AM
Project:		Date Received:	3/15/2024 12:00:00 AM
Client Sample ID:	TP-15	SDG No.:	BG031924
Lab Sample ID:	P1786-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	12.7
Sample Wt/Vol:	30.08	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Cleanup :	PH :
	GPC Factor :		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG060682.D	1	3/19/2024 12:00:00 AM	3/19/2024 12:00:00 AM	PB159655

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	99.2	U	99.2	310	380	ug/Kg
110-86-1	Pyridine	91.3	U	91.3	150	190	ug/Kg
100-52-7	Benzaldehyde	210	U	210	310	380	ug/Kg
62-53-3	Aniline	110	U	110	150	190	ug/Kg
108-95-2	Phenol	94.7	U	94.7	150	190	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	95.6	U	95.6	150	190	ug/Kg
95-57-8	2-Chlorophenol	95.4	U	95.4	150	190	ug/Kg
95-50-1	1,2-Dichlorobenzene	96.6	U	96.6	150	190	ug/Kg
541-73-1	1,3-Dichlorobenzene	98.2	U	98.2	150	190	ug/Kg
106-46-7	1,4-Dichlorobenzene	98.8	U	98.8	150	190	ug/Kg
100-51-6	Benzyl Alcohol	94.8	U	94.8	310	380	ug/Kg
95-48-7	2-Methylphenol	92.1	U	92.1	150	190	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	100	U	100	150	190	ug/Kg
98-86-2	Acetophenone	99.3	U	99.3	150	190	ug/Kg
65794-96-9	3+4-Methylphenols	91.2	U	91.2	310	380	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	46	U	46	91.4	91.4	ug/Kg
67-72-1	Hexachloroethane	94.8	U	94.8	150	190	ug/Kg
98-95-3	Nitrobenzene	100	U	100	150	190	ug/Kg
78-59-1	Isophorone	96.6	U	96.6	150	190	ug/Kg
88-75-5	2-Nitrophenol	110	U	110	150	190	ug/Kg
105-67-9	2,4-Dimethylphenol	110	U	110	150	190	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	98	U	98	150	190	ug/Kg
120-83-2	2,4-Dichlorophenol	86.3	U	86.3	150	190	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	97.6	U	97.6	150	190	ug/Kg
65-85-0	Benzoic acid	270	U	270	310	380	ug/Kg
91-20-3	Naphthalene	94.4	U	94.4	150	190	ug/Kg
106-47-8	4-Chloroaniline	94.4	U	94.4	150	190	ug/Kg
87-68-3	Hexachlorobutadiene	95.2	U	95.2	150	190	ug/Kg
105-60-2	Caprolactam	99.2	U	99.2	310	380	ug/Kg
59-50-7	4-Chloro-3-methylphenol	88.5	U	88.5	150	190	ug/Kg
91-57-6	2-Methylnaphthalene	94.3	U	94.3	150	190	ug/Kg

Report of Analysis

Client:		Date Collected:	3/15/2024 12:00:00 AM
Project:		Date Received:	3/15/2024 12:00:00 AM
Client Sample ID:	TP-15	SDG No.:	BG031924
Lab Sample ID:	P1786-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	12.7
Sample Wt/Vol:	30.08	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Cleanup :	PH :
	GPC Factor :		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG060682.D	1	3/19/2024 12:00:00 AM	3/19/2024 12:00:00 AM	PB159655

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
77-47-4	Hexachlorocyclopentadiene	180	U	180	310	380	ug/Kg
88-06-2	2,4,6-Trichlorophenol	81.6	U	81.6	150	190	ug/Kg
95-95-4	2,4,5-Trichlorophenol	84.5	U	84.5	150	190	ug/Kg
92-52-4	1,1-Biphenyl	99.8	U	99.8	150	190	ug/Kg
91-58-7	2-Chloronaphthalene	95.2	U	95.2	150	190	ug/Kg
88-74-4	2-Nitroaniline	110	U	110	150	190	ug/Kg
131-11-3	Dimethylphthalate	93.3	U	93.3	150	190	ug/Kg
208-96-8	Acenaphthylene	98.8	U	98.8	150	190	ug/Kg
606-20-2	2,6-Dinitrotoluene	95.1	U	95.1	150	190	ug/Kg
99-09-2	3-Nitroaniline	100	U	100	150	190	ug/Kg
83-32-9	Acenaphthene	92.7	U	92.7	150	190	ug/Kg
Total PAH	Total PAH	1517.7	U	1517.7	150	3040	ug/Kg
51-28-5	2,4-Dinitrophenol	280	U	280	310	380	ug/Kg
100-02-7	4-Nitrophenol	130	U	130	310	380	ug/Kg
132-64-9	Dibenzofuran	96.4	U	96.4	150	190	ug/Kg
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	193.6	U	193.6	150	380	ug/Kg
121-14-2	2,4-Dinitrotoluene	98.5	U	98.5	150	190	ug/Kg
84-66-2	Diethylphthalate	91.5	U	91.5	150	190	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	97.8	U	97.8	150	190	ug/Kg
86-73-7	Fluorene	97.7	U	97.7	150	190	ug/Kg
100-01-6	4-Nitroaniline	120	U	120	150	190	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	130	U	130	310	380	ug/Kg
86-30-6	n-Nitrosodiphenylamine	93.2	U	93.2	150	190	ug/Kg
103-33-3	Azobenzene	90.9	U	90.9	150	190	ug/Kg
101-55-3	4-Bromophenyl-phenylether	90.1	U	90.1	150	190	ug/Kg
118-74-1	Hexachlorobenzene	97.1	U	97.1	150	190	ug/Kg
1912-24-9	Atrazine	100	U	100	150	190	ug/Kg
87-86-5	Pentachlorophenol	88.3	U	88.3	310	380	ug/Kg
85-01-8	Phenanthrene	150	J	96	150	190	ug/Kg
120-12-7	Anthracene	96.4	U	96.4	150	190	ug/Kg
86-74-8	Carbazole	91.7	U	91.7	150	190	ug/Kg
84-74-2	Di-n-butylphthalate	96.3	U	96.3	150	190	ug/Kg
206-44-0	Fluoranthene	180	J	93.3	150	190	ug/Kg

Report of Analysis

Client:		Date Collected:	3/15/2024 12:00:00 AM
Project:		Date Received:	3/15/2024 12:00:00 AM
Client Sample ID:	TP-15	SDG No.:	BG031924
Lab Sample ID:	P1786-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	12.7
Sample Wt/Vol:	30.08	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG060682.D	1	3/19/2024 12:00:00 AM	3/19/2024 12:00:00 AM	PB159655

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-87-5	Benidine	190	U	190	310	380	ug/Kg
129-00-0	Pyrene	160	J	94.8	150	190	ug/Kg
85-68-7	Butylbenzylphthalate	110	U	110	150	190	ug/Kg
91-94-1	3,3-Dichlorobenzidine	110	U	110	310	380	ug/Kg
56-55-3	Benzo(a)anthracene	92.2	U	92.2	150	190	ug/Kg
218-01-9	Chrysene	90.8	U	90.8	150	190	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	100	U	100	150	190	ug/Kg
117-84-0	Di-n-octyl phthalate	130	U	130	310	380	ug/Kg
205-99-2	Benzo(b)fluoranthene	110	J	92.7	150	190	ug/Kg
207-08-9	Benzo(k)fluoranthene	94.4	U	94.4	150	190	ug/Kg
50-32-8	Benzo(a)pyrene	110	U	110	150	190	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	89.2	U	89.2	150	190	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	92.8	U	92.8	150	190	ug/Kg
191-24-2	Benzo(g,h,i)perylene	91.5	U	91.5	150	190	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	99.2	U	99.2	150	190	ug/Kg
123-91-1	1,4-Dioxane	130	U	130	150	190	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	85.3	U	85.3	150	190	ug/Kg
90-12-0	1-Methylnaphthalene	95.1	U	95.1	190	190	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	78.003		18-112		52	SPK: -150
13127-88-3	Phenol-d6	76.968		15-107		51	SPK: -150
4165-60-0	Nitrobenzene-d5	53.521		18-107		54	SPK: -100
321-60-8	2-Fluorobiphenyl	51.68		20-109		52	SPK: -100
118-79-6	2,4,6-Tribromophenol	85.069		10-110		57	SPK: -150
1718-51-0	Terphenyl-d14	51.568		14-112		52	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	110148	8.291				
1146-65-2	Naphthalene-d8	471881	11.141				
15067-26-2	Acenaphthene-d10	303688	14.925				
1517-22-2	Phenanthrene-d10	605122	17.674				
1719-03-5	Chrysene-d12	545209	21.993				
1520-96-3	Perylene-d12	649731	25.536				



Report of Analysis

Client:		Date Collected:	3/15/2024 12:00:00 AM
Project:		Date Received:	3/15/2024 12:00:00 AM
Client Sample ID:	TP-15	SDG No.:	BG031924
Lab Sample ID:	P1786-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	12.7
Sample Wt/Vol:	30.08	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 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
BG060682.D	1	3/19/2024 12:00:00 AM	3/19/2024 12:00:00 AM	PB159655

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
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Report of Analysis

Client:		Date Collected:	3/18/2024 12:00:00 AM
Project:		Date Received:	3/18/2024 12:00:00 AM
Client Sample ID:	72-11977	SDG No.:	BG031924
Lab Sample ID:	P1792-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	13.9
Sample Wt/Vol:	50.05	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Cleanup :	PH :
	GPC Factor :		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG060683.D	1	3/19/2024 12:00:00 AM	3/19/2024 12:00:00 AM	PB159655

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	60.4	U	60.4	190	230	ug/Kg
110-86-1	Pyridine	55.6	U	55.6	90.5	120	ug/Kg
100-52-7	Benzaldehyde	130	U	130	190	230	ug/Kg
62-53-3	Aniline	67.5	U	67.5	90.5	120	ug/Kg
108-95-2	Phenol	57.7	U	57.7	90.5	120	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	58.3	U	58.3	90.5	120	ug/Kg
95-57-8	2-Chlorophenol	58.1	U	58.1	90.5	120	ug/Kg
95-50-1	1,2-Dichlorobenzene	58.9	U	58.9	90.5	120	ug/Kg
541-73-1	1,3-Dichlorobenzene	59.9	U	59.9	90.5	120	ug/Kg
106-46-7	1,4-Dichlorobenzene	60.2	U	60.2	90.5	120	ug/Kg
100-51-6	Benzyl Alcohol	57.8	U	57.8	190	230	ug/Kg
95-48-7	2-Methylphenol	56.1	U	56.1	90.5	120	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	63.3	U	63.3	90.5	120	ug/Kg
98-86-2	Acetophenone	60.5	U	60.5	90.5	120	ug/Kg
65794-96-9	3+4-Methylphenols	55.6	U	55.6	190	230	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	28.1	U	28.1	55.7	55.7	ug/Kg
67-72-1	Hexachloroethane	57.8	U	57.8	90.5	120	ug/Kg
98-95-3	Nitrobenzene	63.2	U	63.2	90.5	120	ug/Kg
78-59-1	Isophorone	58.9	U	58.9	90.5	120	ug/Kg
88-75-5	2-Nitrophenol	65.8	U	65.8	90.5	120	ug/Kg
105-67-9	2,4-Dimethylphenol	64.9	U	64.9	90.5	120	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	59.7	U	59.7	90.5	120	ug/Kg
120-83-2	2,4-Dichlorophenol	52.6	U	52.6	90.5	120	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	59.5	U	59.5	90.5	120	ug/Kg
65-85-0	Benzoic acid	160	U	160	190	230	ug/Kg
91-20-3	Naphthalene	57.5	U	57.5	90.5	120	ug/Kg
106-47-8	4-Chloroaniline	57.5	U	57.5	90.5	120	ug/Kg
87-68-3	Hexachlorobutadiene	58	U	58	90.5	120	ug/Kg
105-60-2	Caprolactam	60.4	U	60.4	190	230	ug/Kg
59-50-7	4-Chloro-3-methylphenol	54	U	54	90.5	120	ug/Kg
91-57-6	2-Methylnaphthalene	57.4	U	57.4	90.5	120	ug/Kg

Report of Analysis

Client:		Date Collected:	3/18/2024 12:00:00 AM
Project:		Date Received:	3/18/2024 12:00:00 AM
Client Sample ID:	72-11977	SDG No.:	BG031924
Lab Sample ID:	P1792-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	13.9
Sample Wt/Vol:	50.05	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Cleanup :	PH :
	GPC Factor :		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG060683.D	1	3/19/2024 12:00:00 AM	3/19/2024 12:00:00 AM	PB159655

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
77-47-4	Hexachlorocyclopentadiene	110	U	110	190	230	ug/Kg
88-06-2	2,4,6-Trichlorophenol	49.7	U	49.7	90.5	120	ug/Kg
95-95-4	2,4,5-Trichlorophenol	51.5	U	51.5	90.5	120	ug/Kg
92-52-4	1,1-Biphenyl	60.8	U	60.8	90.5	120	ug/Kg
91-58-7	2-Chloronaphthalene	58	U	58	90.5	120	ug/Kg
88-74-4	2-Nitroaniline	66.1	U	66.1	90.5	120	ug/Kg
131-11-3	Dimethylphthalate	56.9	U	56.9	90.5	120	ug/Kg
208-96-8	Acenaphthylene	120		60.2	90.5	120	ug/Kg
606-20-2	2,6-Dinitrotoluene	57.9	U	57.9	90.5	120	ug/Kg
99-09-2	3-Nitroaniline	62.1	U	62.1	90.5	120	ug/Kg
83-32-9	Acenaphthene	57.2	J	56.5	90.5	120	ug/Kg
Total PAH	Total PAH	14069		922.6	90.5	1920	ug/Kg
51-28-5	2,4-Dinitrophenol	170	U	170	190	230	ug/Kg
100-02-7	4-Nitrophenol	80.8	U	80.8	190	230	ug/Kg
132-64-9	Dibenzofuran	58.8	U	58.8	90.5	120	ug/Kg
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	17.9	U	117.9	90.5	240	ug/Kg
121-14-2	2,4-Dinitrotoluene	60	U	60	90.5	120	ug/Kg
84-66-2	Diethylphthalate	55.8	U	55.8	90.5	120	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	59.6	U	59.6	90.5	120	ug/Kg
86-73-7	Fluorene	81.8	J	59.5	90.5	120	ug/Kg
100-01-6	4-Nitroaniline	74.5	U	74.5	90.5	120	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	81.5	U	81.5	190	230	ug/Kg
86-30-6	n-Nitrosodiphenylamine	56.8	U	56.8	90.5	120	ug/Kg
103-33-3	Azobenzene	55.4	U	55.4	90.5	120	ug/Kg
101-55-3	4-Bromophenyl-phenylether	54.9	U	54.9	90.5	120	ug/Kg
118-74-1	Hexachlorobenzene	59.2	U	59.2	90.5	120	ug/Kg
1912-24-9	Atrazine	63.6	U	63.6	90.5	120	ug/Kg
87-86-5	Pentachlorophenol	53.8	U	53.8	190	230	ug/Kg
85-01-8	Phenanthrene	1300		58.5	90.5	120	ug/Kg
120-12-7	Anthracene	180		58.8	90.5	120	ug/Kg
86-74-8	Carbazole	120		55.9	90.5	120	ug/Kg
84-74-2	Di-n-butylphthalate	58.7	U	58.7	90.5	120	ug/Kg
206-44-0	Fluoranthene	2400	E	56.9	90.5	120	ug/Kg

Report of Analysis

Client:		Date Collected:	3/18/2024 12:00:00 AM
Project:		Date Received:	3/18/2024 12:00:00 AM
Client Sample ID:	72-11977	SDG No.:	BG031924
Lab Sample ID:	P1792-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	13.9
Sample Wt/Vol:	50.05	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG060683.D	1	3/19/2024 12:00:00 AM	3/19/2024 12:00:00 AM	PB159655

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-87-5	Benidine	110	U	110	190	230	ug/Kg
129-00-0	Pyrene	2100	E	57.8	90.5	120	ug/Kg
85-68-7	Butylbenzylphthalate	67.4	U	67.4	90.5	120	ug/Kg
91-94-1	3,3-Dichlorobenzidine	68.6	U	68.6	190	230	ug/Kg
56-55-3	Benzo(a)anthracene	1300		56.2	90.5	120	ug/Kg
218-01-9	Chrysene	1400		55.3	90.5	120	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	63.4	U	63.4	90.5	120	ug/Kg
117-84-0	Di-n-octyl phthalate	76.6	U	76.6	190	230	ug/Kg
205-99-2	Benzo(b)fluoranthene	1800		56.5	90.5	120	ug/Kg
207-08-9	Benzo(k)fluoranthene	970		57.5	90.5	120	ug/Kg
50-32-8	Benzo(a)pyrene	1200		64.7	90.5	120	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	480		54.4	90.5	120	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	140		56.5	90.5	120	ug/Kg
191-24-2	Benzo(g,h,i)perylene	540		55.8	90.5	120	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	60.4	U	60.4	90.5	120	ug/Kg
123-91-1	1,4-Dioxane	76.6	U	76.6	90.5	120	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	52	U	52	90.5	120	ug/Kg
90-12-0	1-Methylnaphthalene	57.9	U	57.9	120	120	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	88.708		18-112		59	SPK: -150
13127-88-3	Phenol-d6	89.185		15-107		59	SPK: -150
4165-60-0	Nitrobenzene-d5	60.878		18-107		61	SPK: -100
321-60-8	2-Fluorobiphenyl	58.796		20-109		59	SPK: -100
118-79-6	2,4,6-Tribromophenol	100.625		10-110		67	SPK: -150
1718-51-0	Terphenyl-d14	55.89		14-112		56	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	93793	8.294				
1146-65-2	Naphthalene-d8	405498	11.138				
15067-26-2	Acenaphthene-d10	259871	14.928				
1517-22-2	Phenanthrene-d10	550189	17.677				
1719-03-5	Chrysene-d12	496967	21.996				
1520-96-3	Perylene-d12	590987	25.545				

Report of Analysis

Client:		Date Collected:	3/18/2024 12:00:00 AM
Project:		Date Received:	3/18/2024 12:00:00 AM
Client Sample ID:	72-11977	SDG No.:	BG031924
Lab Sample ID:	P1792-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	13.9
Sample Wt/Vol:	50.05	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG060683.D	1	3/19/2024 12:00:00 AM	3/19/2024 12:00:00 AM	PB159655

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TENTATIVE IDENTIFIED COMPOUNDS							
000486-25-9	9H-Fluoren-9-one	100	J			17.331	
000132-65-0	Dibenzothiophene	74.5	J			17.495	
000057-10-3	n-Hexadecanoic acid	150	J			18.5	
002531-84-2	Phenanthrene, 2-methyl-	300	J			18.541	
000613-12-7	Anthracene, 2-methyl-	350	J			18.588	
000203-64-5	4H-Cyclopenta[def]phenanthrene	480	J			18.735	
004505-48-0	1H-Indene, 2-phenyl-	190	J			18.77	
000612-94-2	Naphthalene, 2-phenyl-	200	J			19.035	
000084-65-1	9,10-Anthracenedione	330	J			19.087	
000781-43-1	9,10-Dimethylanthracene	220	J			19.44	
005737-13-3	Cyclopenta(def)phenanthrenone	270	J			19.599	
	unknown19.798	86.1	J			19.798	
002381-21-7	Pyrene, 1-methyl-	84.9	J			20.386	
000479-79-8	11H-Benzo[a]fluoren-11-one	80.5	J			21.349	
000239-35-0	Benzo[b]naphtho[2,1-d]thiophene	92.6	J			21.543	
000082-05-3	7H-Benz[de]anthracen-7-one	94	J			21.708	
002498-77-3	Benz[a]anthracene, 1-methyl-	80.5	J			22.771	
000137-89-3	1,3-Benzenedicarboxylic acid, bis(	240	J			23.2	
000192-97-2	Benzo[e]pyrene	86.8	J			24.681	
000198-55-0	Perylene	380	J			25.216	

Report of Analysis

Client:		Date Collected:	3/18/2024 12:00:00 AM
Project:		Date Received:	3/18/2024 12:00:00 AM
Client Sample ID:	72-11977DL	SDG No.:	BG031924
Lab Sample ID:	P1792-01DL	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	13.9
Sample Wt/Vol:	50.05 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG060684.D	2	3/19/2024 12:00:00 AM	3/19/2024 12:00:00 AM	PB159655

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	120	U	120	380	460	ug/Kg
110-86-1	Pyridine	110	U	110	180	240	ug/Kg
100-52-7	Benzaldehyde	250	U	250	380	460	ug/Kg
62-53-3	Aniline	130	U	130	180	240	ug/Kg
108-95-2	Phenol	120	U	120	180	240	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	120	U	120	180	240	ug/Kg
95-57-8	2-Chlorophenol	120	U	120	180	240	ug/Kg
95-50-1	1,2-Dichlorobenzene	120	U	120	180	240	ug/Kg
541-73-1	1,3-Dichlorobenzene	120	U	120	180	240	ug/Kg
106-46-7	1,4-Dichlorobenzene	120	U	120	180	240	ug/Kg
100-51-6	Benzyl Alcohol	120	U	120	380	460	ug/Kg
95-48-7	2-Methylphenol	110	U	110	180	240	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	130	U	130	180	240	ug/Kg
98-86-2	Acetophenone	120	U	120	180	240	ug/Kg
65794-96-9	3+4-Methylphenols	110	U	110	380	460	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	56.1	U	56.1	110	110	ug/Kg
67-72-1	Hexachloroethane	120	U	120	180	240	ug/Kg
98-95-3	Nitrobenzene	130	U	130	180	240	ug/Kg
78-59-1	Isophorone	120	U	120	180	240	ug/Kg
88-75-5	2-Nitrophenol	130	U	130	180	240	ug/Kg
105-67-9	2,4-Dimethylphenol	130	U	130	180	240	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	120	U	120	180	240	ug/Kg
120-83-2	2,4-Dichlorophenol	110	U	110	180	240	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	120	U	120	180	240	ug/Kg
65-85-0	Benzoic acid	330	U	330	380	460	ug/Kg
91-20-3	Naphthalene	120	U	120	180	240	ug/Kg
106-47-8	4-Chloroaniline	120	U	120	180	240	ug/Kg
87-68-3	Hexachlorobutadiene	120	U	120	180	240	ug/Kg
105-60-2	Caprolactam	120	U	120	380	460	ug/Kg
59-50-7	4-Chloro-3-methylphenol	110	U	110	180	240	ug/Kg
91-57-6	2-Methylnaphthalene	110	U	110	180	240	ug/Kg

Report of Analysis

Client:		Date Collected:	3/18/2024 12:00:00 AM
Project:		Date Received:	3/18/2024 12:00:00 AM
Client Sample ID:	72-11977DL	SDG No.:	BG031924
Lab Sample ID:	P1792-01DL	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	13.9
Sample Wt/Vol:	50.05 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG060684.D	2	3/19/2024 12:00:00 AM	3/19/2024 12:00:00 AM	PB159655

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
77-47-4	Hexachlorocyclopentadiene	220	U	220	380	460	ug/Kg
88-06-2	2,4,6-Trichlorophenol	99.4	U	99.4	180	240	ug/Kg
95-95-4	2,4,5-Trichlorophenol	100	U	100	180	240	ug/Kg
92-52-4	1,1-Biphenyl	120	U	120	180	240	ug/Kg
91-58-7	2-Chloronaphthalene	120	U	120	180	240	ug/Kg
88-74-4	2-Nitroaniline	130	U	130	180	240	ug/Kg
131-11-3	Dimethylphthalate	110	U	110	180	240	ug/Kg
208-96-8	Acenaphthylene	120	JD	120	180	240	ug/Kg
606-20-2	2,6-Dinitrotoluene	120	U	120	180	240	ug/Kg
99-09-2	3-Nitroaniline	120	U	120	180	240	ug/Kg
83-32-9	Acenaphthene	110	U	110	180	240	ug/Kg
Total PAH	Total PAH	14750	UD	1850	180	3840	ug/Kg
51-28-5	2,4-Dinitrophenol	340	U	340	380	460	ug/Kg
100-02-7	4-Nitrophenol	160	U	160	380	460	ug/Kg
132-64-9	Dibenzofuran	120	U	120	180	240	ug/Kg
121-14-2	2,4-Dinitrotoluene	120	U	120	180	240	ug/Kg
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	240	U	240	180	480	ug/Kg
84-66-2	Diethylphthalate	110	U	110	180	240	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	120	U	120	180	240	ug/Kg
86-73-7	Fluorene	120	U	120	180	240	ug/Kg
100-01-6	4-Nitroaniline	150	U	150	180	240	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	160	U	160	380	460	ug/Kg
86-30-6	n-Nitrosodiphenylamine	110	U	110	180	240	ug/Kg
103-33-3	Azobenzene	110	U	110	180	240	ug/Kg
101-55-3	4-Bromophenyl-phenylether	110	U	110	180	240	ug/Kg
118-74-1	Hexachlorobenzene	120	U	120	180	240	ug/Kg
1912-24-9	Atrazine	130	U	130	180	240	ug/Kg
87-86-5	Pentachlorophenol	110	U	110	380	460	ug/Kg
85-01-8	Phenanthrene	1300	D	120	180	240	ug/Kg
120-12-7	Anthracene	190	JD	120	180	240	ug/Kg
86-74-8	Carbazole	120	JD	110	180	240	ug/Kg
84-74-2	Di-n-butylphthalate	120	U	120	180	240	ug/Kg
206-44-0	Fluoranthene	2700	D	110	180	240	ug/Kg

Report of Analysis

Client:		Date Collected:	3/18/2024 12:00:00 AM
Project:		Date Received:	3/18/2024 12:00:00 AM
Client Sample ID:	72-11977DL	SDG No.:	BG031924
Lab Sample ID:	P1792-01DL	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	13.9
Sample Wt/Vol:	50.05	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG060684.D	2	3/19/2024 12:00:00 AM	3/19/2024 12:00:00 AM	PB159655

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-87-5	Benidine	230	U	230	380	460	ug/Kg
129-00-0	Pyrene	2300	D	120	180	240	ug/Kg
85-68-7	Butylbenzylphthalate	130	U	130	180	240	ug/Kg
91-94-1	3,3-Dichlorobenzidine	140	U	140	380	460	ug/Kg
56-55-3	Benzo(a)anthracene	1300	D	110	180	240	ug/Kg
218-01-9	Chrysene	1400	D	110	180	240	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	130	U	130	180	240	ug/Kg
117-84-0	Di-n-octyl phthalate	150	U	150	380	460	ug/Kg
205-99-2	Benzo(b)fluoranthene	2000	D	110	180	240	ug/Kg
207-08-9	Benzo(k)fluoranthene	880	D	120	180	240	ug/Kg
50-32-8	Benzo(a)pyrene	1300	D	130	180	240	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	560	D	110	180	240	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	170	JD	110	180	240	ug/Kg
191-24-2	Benzo(g,h,i)perylene	530	D	110	180	240	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	120	U	120	180	240	ug/Kg
123-91-1	1,4-Dioxane	150	U	150	180	240	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	100	U	100	180	240	ug/Kg
90-12-0	1-Methylnaphthalene	120	U	120	240	240	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	102.96		18-112		69	SPK: -150
13127-88-3	Phenol-d6	91.956		15-107		61	SPK: -150
4165-60-0	Nitrobenzene-d5	59.214		18-107		59	SPK: -100
321-60-8	2-Fluorobiphenyl	55.466		20-109		55	SPK: -100
118-79-6	2,4,6-Tribromophenol	101.444		10-110		68	SPK: -150
1718-51-0	Terphenyl-d14	58.576		14-112		59	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	80464	8.294				
1146-65-2	Naphthalene-d8	377756	11.138				
15067-26-2	Acenaphthene-d10	252647	14.927				
1517-22-2	Phenanthrene-d10	527284	17.677				
1719-03-5	Chrysene-d12	481579	21.995				
1520-96-3	Perylene-d12	547838	25.544				



Report of Analysis

Client:		Date Collected:	3/18/2024 12:00:00 AM
Project:		Date Received:	3/18/2024 12:00:00 AM
Client Sample ID:	72-11977DL	SDG No.:	BG031924
Lab Sample ID:	P1792-01DL	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	13.9
Sample Wt/Vol:	50.05	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 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
BG060684.D	2	3/19/2024 12:00:00 AM	3/19/2024 12:00:00 AM	PB159655

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
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Hit Summary Sheet

SW-846

SDG No.: BG031924

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
Client ID : 196-BAY-AVENUE								
P1616-01	196-BAY-AVENUE	Solid	2-Pentanone, 4-hydroxy-4-methyl *	650.000	A			
P1616-01	196-BAY-AVENUE	Solid	3-Eicosene, (E)- *	260.000	J			
P1616-01	196-BAY-AVENUE	Solid	4-Methylheneicosane *	380.000	J			
P1616-01	196-BAY-AVENUE	Solid	Docosane, 9-butyl- *	680.000	J			
P1616-01	196-BAY-AVENUE	Solid	Dodecane, 2-methyl-6-propyl- *	930.000	J			
P1616-01	196-BAY-AVENUE	Solid	Eicosane, 10-methyl- *	440.000	J			
P1616-01	196-BAY-AVENUE	Solid	Eicosyl acetate *	460.000	J			
P1616-01	196-BAY-AVENUE	Solid	Henicos-1-ene *	140.000	J			
P1616-01	196-BAY-AVENUE	Solid	Heptacosane *	820.000	J			
P1616-01	196-BAY-AVENUE	Solid	Heptadecane, 2,6,10,15-tetramethy *	230.000	J			
P1616-01	196-BAY-AVENUE	Solid	Heptadecane, 9-octyl- *	830.000	J			
P1616-01	196-BAY-AVENUE	Solid	Hexacosane *	580.000	J			
P1616-01	196-BAY-AVENUE	Solid	n-Hexadecanoic acid *	270.000	J			
P1616-01	196-BAY-AVENUE	Solid	Nonadecane *	510.000	J			
P1616-01	196-BAY-AVENUE	Solid	Octacosane *	890.000	J			
P1616-01	196-BAY-AVENUE	Solid	Octadecane *	1,100.000	J			
P1616-01	196-BAY-AVENUE	Solid	Octadecane, 2-methyl- *	590.000	J			
P1616-01	196-BAY-AVENUE	Solid	Octadecanoic acid *	2,300.000	J			
P1616-01	196-BAY-AVENUE	Solid	Phthalic acid, cyclohexyl 2-pentyl *	440.000	J			
P1616-01	196-BAY-AVENUE	Solid	Tetracosane *	720.000	J			
Total Tics :				13,220.00				
P1616-01	196-BAY-AVENUE	Solid	Benzo(a)anthracene	190.000	J	110	220	ug/Kg
P1616-01	196-BAY-AVENUE	Solid	Benzo(a)pyrene	160.000	J	120	220	ug/Kg
P1616-01	196-BAY-AVENUE	Solid	Benzo(b)fluoranthene	220.000		110	220	ug/Kg
P1616-01	196-BAY-AVENUE	Solid	Bis(2-ethylhexyl)phthalate	230.000		120	220	ug/Kg
P1616-01	196-BAY-AVENUE	Solid	Chrysene	180.000	J	100	220	ug/Kg
P1616-01	196-BAY-AVENUE	Solid	Fluoranthene	480.000		110	220	ug/Kg
P1616-01	196-BAY-AVENUE	Solid	Phenanthrene	480.000		110	220	ug/Kg
P1616-01	196-BAY-AVENUE	Solid	Pyrene	390.000		110	220	ug/Kg
Total Svoc :				2,330.00				
Total Concentration:				15,550.00				
Client ID : TP-15								
P1786-01	TP-15	Solid	Benzo(b)fluoranthene	110.000	J	92.7	190	ug/Kg
P1786-01	TP-15	Solid	Fluoranthene	180.000	J	93.3	190	ug/Kg
P1786-01	TP-15	Solid	Phenanthrene	150.000	J	96	190	ug/Kg
P1786-01	TP-15	Solid	Pyrene	160.000	J	94.8	190	ug/Kg
Total Svoc :				600.00				
Total Concentration:				600.00				

Hit Summary Sheet SW-846

SDG No.: BG031924

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
Client ID : TP-22								
P1786-02	TP-22	Solid	Carbonic acid, octadecyl prop-1-e *	280.000	J			
P1786-02	TP-22	Solid	Nonadecane *	270.000	J			
P1786-02	TP-22	Solid	Octacosane *	280.000	J			
P1786-02	TP-22	Solid	Tetracosane *	75.500	J			
P1786-02	TP-22	Solid	Tetradecanoic acid *	180.000	J			
Total Tics :				1,085.50				
Total Concentration:				1,085.50				
Client ID : SU-04-03182024								
P1791-01	SU-04-03182024	Solid	2-Bromo dodecane *	250.000	J			
P1791-01	SU-04-03182024	Solid	Heneicosane *	100.000	J			
P1791-01	SU-04-03182024	Solid	n-Hexadecanoic acid *	120.000	J			
P1791-01	SU-04-03182024	Solid	Octacosane *	630.000	J			
P1791-01	SU-04-03182024	Solid	Pentacosane *	670.000	J			
P1791-01	SU-04-03182024	Solid	Tetracosane *	540.000	J			
P1791-01	SU-04-03182024	Solid	Tridecane, 1-iodo- *	260.000	J			
Total Tics :				2,570.00				
P1791-01	SU-04-03182024	Solid	Bis(2-ethylhexyl)phthalate	170.000	J	110	210	ug/Kg
P1791-01	SU-04-03182024	Solid	Pyrene	100.000	J	100	210	ug/Kg
Total Svoc :				270.00				
Total Concentration:				2,840.00				
Client ID : 72-11977								
P1792-01	72-11977	Solid	1,3-Benzenedicarboxylic acid, bis *	240.000	J			
P1792-01	72-11977	Solid	11H-Benzo[a]fluoren-11-one *	80.500	J			
P1792-01	72-11977	Solid	1H-Indene, 2-phenyl- *	190.000	J			
P1792-01	72-11977	Solid	4H-Cyclopenta[def]phenanthrene *	480.000	J			
P1792-01	72-11977	Solid	7H-Benz[de]anthracen-7-one *	94.000	J			
P1792-01	72-11977	Solid	9,10-Anthracenedione *	330.000	J			
P1792-01	72-11977	Solid	9,10-Dimethylanthracene *	220.000	J			
P1792-01	72-11977	Solid	9H-Fluoren-9-one *	100.000	J			
P1792-01	72-11977	Solid	Anthracene, 2-methyl- *	350.000	J			
P1792-01	72-11977	Solid	Benz[a]anthracene, 1-methyl- *	80.500	J			
P1792-01	72-11977	Solid	Benzo[b]naphtho[2,1-d]thiophene *	92.600	J			
P1792-01	72-11977	Solid	Benzo[e]pyrene *	86.800	J			
P1792-01	72-11977	Solid	Cyclopenta(def)phenanthrenone *	270.000	J			
P1792-01	72-11977	Solid	Dibenzothiophene *	74.500	J			
P1792-01	72-11977	Solid	n-Hexadecanoic acid *	150.000	J			
P1792-01	72-11977	Solid	Naphthalene, 2-phenyl- *	200.000	J			
P1792-01	72-11977	Solid	Perylene *	380.000	J			
P1792-01	72-11977	Solid	Phenanthrene, 2-methyl- *	300.000	J			
P1792-01	72-11977	Solid	Pyrene, 1-methyl- *	84.900	J			

Hit Summary Sheet SW-846

SDG No.: BG031924

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
P1792-01	72-11977	Solid	unknown19.798	*	86.100	J		
Total Tics :					3,889.90			
P1792-01	72-11977	Solid	Acenaphthene	57.200	J	56.5	120	ug/Kg
P1792-01	72-11977	Solid	Acenaphthylene	120.000		60.2	120	ug/Kg
P1792-01	72-11977	Solid	Anthracene	180.000		58.8	120	ug/Kg
P1792-01	72-11977	Solid	Benzo(a)anthracene	1,300.000		56.2	120	ug/Kg
P1792-01	72-11977	Solid	Benzo(a)pyrene	1,200.000		64.7	120	ug/Kg
P1792-01	72-11977	Solid	Benzo(b)fluoranthene	1,800.000		56.5	120	ug/Kg
P1792-01	72-11977	Solid	Benzo(g,h,i)perylene	540.000		55.8	120	ug/Kg
P1792-01	72-11977	Solid	Benzo(k)fluoranthene	970.000		57.5	120	ug/Kg
P1792-01	72-11977	Solid	Carbazole	120.000		55.9	120	ug/Kg
P1792-01	72-11977	Solid	Chrysene	1,400.000		55.3	120	ug/Kg
P1792-01	72-11977	Solid	Dibenzo(a,h)anthracene	140.000		56.5	120	ug/Kg
P1792-01	72-11977	Solid	Fluoranthene	2,400.000	E	56.9	120	ug/Kg
P1792-01	72-11977	Solid	Fluorene	81.800	J	59.5	120	ug/Kg
P1792-01	72-11977	Solid	Indeno(1,2,3-cd)pyrene	480.000		54.4	120	ug/Kg
P1792-01	72-11977	Solid	Phenanthrene	1,300.000		58.5	120	ug/Kg
P1792-01	72-11977	Solid	Pyrene	2,100.000	E	57.8	120	ug/Kg
P1792-01	72-11977	Solid	Total PAH	14,069.000		922.6	1920	ug/Kg
Total Svoc :					28,258.00			
Total Concentration:					32,147.90			
Client ID : 72-11977DL								
P1792-01DL	72-11977DL	Solid	Acenaphthylene	120.000	JD	120	240	ug/Kg
P1792-01DL	72-11977DL	Solid	Anthracene	190.000	JD	120	240	ug/Kg
P1792-01DL	72-11977DL	Solid	Benzo(a)anthracene	1,300.000	D	110	240	ug/Kg
P1792-01DL	72-11977DL	Solid	Benzo(a)pyrene	1,300.000	D	130	240	ug/Kg
P1792-01DL	72-11977DL	Solid	Benzo(b)fluoranthene	2,000.000	D	110	240	ug/Kg
P1792-01DL	72-11977DL	Solid	Benzo(g,h,i)perylene	530.000	D	110	240	ug/Kg
P1792-01DL	72-11977DL	Solid	Benzo(k)fluoranthene	880.000	D	120	240	ug/Kg
P1792-01DL	72-11977DL	Solid	Carbazole	120.000	JD	110	240	ug/Kg
P1792-01DL	72-11977DL	Solid	Chrysene	1,400.000	D	110	240	ug/Kg
P1792-01DL	72-11977DL	Solid	Dibenzo(a,h)anthracene	170.000	JD	110	240	ug/Kg
P1792-01DL	72-11977DL	Solid	Fluoranthene	2,700.000	D	110	240	ug/Kg
P1792-01DL	72-11977DL	Solid	Indeno(1,2,3-cd)pyrene	560.000	D	110	240	ug/Kg
P1792-01DL	72-11977DL	Solid	Phenanthrene	1,300.000	D	120	240	ug/Kg
P1792-01DL	72-11977DL	Solid	Pyrene	2,300.000	D	120	240	ug/Kg
Total Svoc :					14,870.00			
Total Concentration:					14,870.00			



6C

SEMIVOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name: CHEMTECH

Contract:

Lab Code: CHEM Case No.: BG031324

SAS No.: BG031324

SDG No.: BG031324

Instrument ID:

Calibration Date(s): 3/13/2024

Calibration Time(s): 10:44

LAB FILE ID:		RRF2.5 = BG060621.D			RRF005 = BG060622.D		RRF010 = BG060623.D	
		RRF020 = BG060624.D			RRF040 = BG060625.D		RRF050 = BG060626.D	
COMPOUND	RRF2.5	RRF005	RRF010	RRF020	RRF040	RRF050	RRF	% RSD
n-Nitrosodimethylamine		0.789	0.750	0.812	0.776	0.759	0.772	3.2
Pyridine		1.589	1.575	1.626	1.587	1.551	1.574	2.1
2-Fluorophenol		1.257	1.230	1.334	1.299	1.283	1.272	3.0
Benzaldehyde		1.091	1.076	1.168	1.084	0.998	1.033	10.0
Aniline		2.137	2.220	2.319	2.328	2.299	2.255	3.2
Phenol-d6		1.710	1.816	1.952	1.917	1.867	1.846	4.4
Phenol		1.797	1.778	1.943	1.932	1.851	1.852	3.8
bis(2-Chloroethyl)ether		1.483	1.488	1.524	1.516	1.432	1.476	2.9
2-Chlorophenol		1.336	1.359	1.445	1.431	1.395	1.391	2.8
1,2-Dichlorobenzene		1.513	1.529	1.559	1.521	1.487	1.510	2.5
1,3-Dichlorobenzene		1.506	1.477	1.590	1.500	1.490	1.500	3.1
1,4-Dichlorobenzene		1.520	1.477	1.590	1.557	1.520	1.520	2.8
Benzyl Alcohol		1.340	1.384	1.495	1.549	1.475	1.459	5.0
2-Methylphenol		1.306	1.350	1.499	1.496	1.428	1.422	5.1
2,2-oxybis(1-Chloropropane)		2.752	2.810	3.040	2.934	2.837	2.866	3.6
Acetophenone		0.527	0.523	0.559	0.548	0.535	0.536	2.9
3+4-Methylphenols		1.786	1.826	1.984	2.023	1.927	1.918	4.6
n-Nitroso-di-n-propylamine	1.264	1.142	1.268	1.350	1.341	1.272	1.279	5.1
Nitrobenzene-d5		0.343	0.349	0.397	0.398	0.399	0.384	6.9
Hexachloroethane		0.481	0.506	0.552	0.526	0.519	0.519	4.4
Nitrobenzene		0.348	0.351	0.398	0.401	0.393	0.384	6.3
Isophorone		0.727	0.741	0.793	0.788	0.777	0.769	3.5
2-Nitrophenol		0.106	0.114	0.145	0.153	0.155	0.142	15.9
2,4-Dimethylphenol		0.380	0.332	0.349	0.337	0.329	0.340	5.8
bis(2-Chloroethoxy)methane		0.456	0.461	0.482	0.466	0.450	0.461	2.8
2,4-Dichlorophenol		0.285	0.295	0.310	0.316	0.310	0.306	3.9
1,2,4-Trichlorobenzene		0.324	0.329	0.336	0.322	0.318	0.324	2.6
Benzoic acid			0.113	0.170	0.217	0.221	0.199	24.5
Naphthalene		1.140	1.123	1.164	1.113	1.107	1.117	3.0
4-Chloroaniline		0.438	0.472	0.492	0.481	0.472	0.471	3.7
Hexachlorobutadiene		0.219	0.219	0.231	0.221	0.222	0.221	2.6
Caprolactam		0.087	0.101	0.108	0.106	0.105	0.103	6.9
4-Chloro-3-methylphenol		0.349	0.362	0.390	0.385	0.379	0.374	3.9
2-Methylnaphthalene		0.788	0.767	0.817	0.773	0.760	0.772	3.5
Hexachlorocyclopentadiene		0.245	0.254	0.304	0.315	0.321	0.302	12.7
2,4,6-Trichlorophenol		0.352	0.366	0.406	0.405	0.408	0.394	6.4

All other compounds must meet a minimum RRF of 0.010.

Form VI SV-1



6C

SEMIVOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name: CHEMTECH

Contract: _____

Lab Code: CHEM Case No.: BG031324

SAS No.: BG031324

SDG No.: BG031324

Instrument ID: _____

Calibration Date(s): 3/13/2024 : _____

Calibration Time(s): 10:44 : _____

LAB FILE ID:		RRF2.5 = BG060621.D			RRF005 = BG060622.D		RRF010 = BG060623.D	
		RRF020 = BG060624.D			RRF040 = BG060625.D		RRF050 = BG060626.D	
COMPOUND	RRF2.5	RRF005	RRF010	RRF020	RRF040	RRF050	RRF	% RSD
2-Fluorobiphenyl		1.509	1.518	1.596	1.471	1.459	1.479	5.3
2,4,5-Trichlorophenol		0.402	0.436	0.485	0.484	0.484	0.467	7.4
1,1-Biphenyl		1.523	1.534	1.593	1.520	1.499	1.520	2.9
2-Chloronaphthalene		1.089	1.148	1.203	1.169	1.137	1.147	3.4
2-Nitroaniline		0.277	0.327	0.376	0.411	0.416	0.379	15.0
Dimethylphthalate		1.434	1.504	1.571	1.522	1.499	1.500	3.3
Acenaphthylene		1.813	1.868	1.957	1.881	1.882	1.869	3.0
2,6-Dinitrotoluene		0.204	0.251	0.286	0.295	0.293	0.276	13.3
3-Nitroaniline		0.264	0.289	0.331	0.332	0.337	0.318	9.3
Acenaphthene		1.120	1.111	1.184	1.113	1.096	1.117	3.0
2,4-Dinitrophenol			0.077	0.099	0.123	0.126	0.118	21.6
4-Nitrophenol			0.195	0.226	0.246	0.251	0.237	9.8
Dibenzofuran		1.845	1.826	1.903	1.804	1.792	1.808	3.6
2,4-Dinitrotoluene		0.255	0.302	0.351	0.373	0.380	0.348	14.6
Diethylphthalate		1.496	1.559	1.617	1.554	1.538	1.543	3.1
4-Chlorophenyl-phenylether		0.725	0.741	0.776	0.729	0.724	0.733	3.1
Fluorene		1.413	1.464	1.532	1.453	1.436	1.447	3.6
4-Nitroaniline		0.252	0.307	0.338	0.347	0.344	0.326	10.9
4,6-Dinitro-2-methylphenol			0.057	0.076	0.087	0.087	0.083	17.6
n-Nitrosodiphenylamine		0.605	0.616	0.674	0.631	0.621	0.626	4.1
Azobenzene		1.524	1.600	1.696	1.621	1.589	1.597	3.6
2,4,6-Tribromophenol		0.178	0.218	0.234	0.245	0.248	0.232	11.5
4-Bromophenyl-phenylether		0.209	0.204	0.229	0.213	0.215	0.216	4.1
Hexachlorobenzene		0.241	0.248	0.260	0.247	0.245	0.248	2.7
Atrazine		0.192	0.207	0.224	0.214	0.209	0.209	4.8
Pentachlorophenol			0.119	0.153	0.170	0.170	0.161	13.6
Phenanthrene		1.100	1.098	1.162	1.071	1.048	1.077	4.9
Anthracene		1.082	1.102	1.158	1.092	1.075	1.089	3.9
Carbazole		0.896	0.961	1.017	0.954	0.950	0.947	4.4
Di-n-butylphthalate		1.044	1.139	1.244	1.198	1.172	1.154	5.8
Fluoranthene		1.170	1.192	1.283	1.212	1.194	1.192	4.5
Benzidine		0.414	0.407	0.436	0.545	0.520	0.489	14.1
Pyrene		1.385	1.423	1.489	1.414	1.375	1.396	4.4
Terphenyl-d14		1.201	1.204	1.244	1.096	1.065	1.106	10.8
Butylbenzylphthalate		0.436	0.477	0.542	0.557	0.560	0.528	9.7
3,3-Dichlorobenzidine		0.410	0.430	0.475	0.494	0.478	0.464	7.0

All other compounds must meet a minimum RRF of 0.010.

Form VI SV-1



6C

SEMIVOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name: CHEMTECH

Contract: _____

Lab Code: CHEM Case No.: BG031324

SAS No.: BG031324

SDG No.: BG031324

Instrument ID: _____

Calibration Date(s): 3/13/2024 : _____

Calibration Time(s): 10:44 : _____

LAB FILE ID:		RRF2.5 = BG060621.D			RRF005 = BG060622.D		RRF010 = BG060623.D	
		RRF020 = BG060624.D			RRF040 = BG060625.D		RRF050 = BG060626.D	
COMPOUND	RRF2.5	RRF005	RRF010	RRF020	RRF040	RRF050	RRF	% RSD
Benzo(a)anthracene		1.342	1.372	1.434	1.402	1.382	1.377	2.9
Chrysene		1.344	1.335	1.385	1.346	1.320	1.337	2.7
Bis(2-ethylhexyl)phthalate		0.668	0.705	0.795	0.826	0.815	0.779	8.5
Di-n-octyl phthalate		1.039	1.134	1.296	1.375	1.368	1.283	11.1
Benzo(b)fluoranthene		1.030	1.059	1.149	1.137	1.097	1.100	4.2
Benzo(k)fluoranthene		1.112	1.106	1.207	1.164	1.174	1.156	3.3
Benzo(a)pyrene		1.013	1.002	1.121	1.101	1.098	1.079	4.8
Indeno(1,2,3-cd)pyrene		1.240	1.273	1.400	1.396	1.403	1.364	5.6
Dibenzo(a,h)anthracene		1.087	1.078	1.184	1.182	1.175	1.158	4.7
Benzo(g,h,i)perylene		1.019	1.059	1.152	1.154	1.146	1.121	5.3
1,2,4,5-Tetrachlorobenzene		0.590	0.611	0.639	0.613	0.619	0.614	2.8
1,4-Dioxane		0.574	0.543	0.583	0.521	0.514	0.533	7.1
2,3,4,6-Tetrachlorophenol		0.320	0.376	0.394	0.406	0.411	0.389	8.5
1-Methylnaphthalene		0.740	0.719	0.764	0.732	0.712	0.724	3.5

All other compounds must meet a minimum RRF of 0.010.

Form VI SV-1

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BG031924 SAS No.: BG031924 SDG NO.: BG031924

EPA Sample No.: SSTDICCC040 Date Analyzed: Mar 19 2024 12:00AM

Lab File ID: BG060625.D Time Analyzed: 11:46

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	106013	8.324	497769	11.17	328973	14.95
UPPER LIMIT	212026	8.824	995538	11.673	657946	15.451
LOWER LIMIT	53006.5	7.824	248884.5	10.673	164486.5	14.451
EPA SAMPLE NO.						
01 PB159643BL	87731	8.29	391433	11.13	263379	14.92
02 196-BAY-AVENUE	93757	8.29	432052	11.13	306418	14.92
03 SU-04-03182024	110826	8.29	432865	11.13	296116	14.92
04 TP-22	116073	8.29	490767	11.14	325042	14.92
05 TP-15	110148	8.29	471881	11.14	303688	14.93
06 72-11977	93793	8.29	405498	11.14	259871	14.93
07 72-11977DL	80464	8.29	377756	11.14	252647	14.93

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.

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BG031924 SAS No.: BG031924 SDG NO.: BG031924

EPA Sample No.: SSTDCCC040 Date Analyzed: Mar 19 2024 12:00AM

Lab File ID: BG060677.D Time Analyzed: 11:46

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	90017	8.294	407590	11.14	281398	14.92
UPPER LIMIT	180034	8.794	815180	11.638	562796	15.421
LOWER LIMIT	45008.5	7.794	203795	10.638	140699	14.421
EPA SAMPLE NO.						
01 PB159643BL	87731	8.29	391433	11.13	263379	14.92
02 196-BAY-AVENUE	93757	8.29	432052	11.13	306418	14.92
03 SU-04-03182024	110826	8.29	432865	11.13	296116	14.92
04 TP-22	116073	8.29	490767	11.14	325042	14.92
05 TP-15	110148	8.29	471881	11.14	303688	14.93
06 72-11977	93793	8.29	405498	11.14	259871	14.93
07 72-11977DL	80464	8.29	377756	11.14	252647	14.93

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

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AREA UPPER LIMIT = +100% of internal standard area

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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.

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BG031924 SAS No.: BG031924 SDG NO.: BG031924

EPA Sample No.: SSTDICCC040 Date Analyzed: Mar 19 2024 12:00AM

Lab File ID: BG060625.D Time Analyzed: 11:46

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	696137	17.701	617246	22.025	701669	25.574
UPPER LIMIT	1392274	18.201	1234492	22.525	1403338	26.074
LOWER LIMIT	348068.5	17.201	308623	21.525	350834.5	25.074
EPA SAMPLE NO.						
01 PB159643BL	703885	17.67	678359	21.99	789113	25.52
02 196-BAY-AVENUE	656009	17.67	594807	21.99	727419	25.52
03 SU-04-03182024	584919	17.67	524351	21.99	613985	25.53
04 TP-22	657847	17.67	592974	21.99	692135	25.54
05 TP-15	605122	17.67	545209	21.99	649731	25.54
06 72-11977	550189	17.68	496967	22.00	590987	25.55
07 72-11977DL	527284	17.68	481579	22.00	547838	25.54

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: CHEMTECHLab Code: CHEM Case No.: BG031924 SAS No.: BG031924 SDG NO.: BG031924EPA Sample No.: SSTDCCC040Date Analyzed: Mar 19 2024 12:00AMLab File ID: BG060677.DTime Analyzed: 11:46Instrument ID: BNA_GGC Column: ZB-GR ID: 0.25 (mm)

		IS4 (PHN) AREA #	RT #	IS5 (CRY) AREA #	RT #	IS6 (PRY) AREA #	RT #
	12 HOUR STD	615482	17.671	565878	21.99	659116	25.515
	UPPER LIMIT	1230964	18.171	1131756	22.49	1318232	26.015
	LOWER LIMIT	307741	17.171	282939	21.49	329558	25.015
	EPA SAMPLE NO.						
01	PB159643BL	703885	17.67	678359	21.99	789113	25.52
02	196-BAY-AVENUE	656009	17.67	594807	21.99	727419	25.52
03	SU-04-03182024	584919	17.67	524351	21.99	613985	25.53
04	TP-22	657847	17.67	592974	21.99	692135	25.54
05	TP-15	605122	17.67	545209	21.99	649731	25.54
06	72-11977	550189	17.68	496967	22.00	590987	25.55
07	72-11977DL	527284	17.68	481579	22.00	547838	25.54

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.



4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

PB159643BL

Lab Name: CHEMTECH

Contract:

Lab Code: CHEM Case No.: BG031924

SAS No.: BG031924 SDG NO.: BG031924

Lab File ID: BG060678.D

Lab Sample ID: PB159643BL

Instrument ID: BNA_G

Date Extracted: 03/18/2024

Matrix: (soil/water) Water

Date Analyzed: 03/19/2024

Level: (low/med) LOW

Time Analyzed: 11:46

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

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

COMMENTS:



4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

196-BAY-AVENUE

Lab Name: CHEMTECH

Contract: _____

Lab Code: CHEM Case No.: BG031924

SAS No.: BG031924 SDG NO.: BG031924

Lab File ID: BG060679.D

Lab Sample ID: P1616-01

Instrument ID: BNA_G

Date Extracted: 03/19/2024

Matrix: (soil/water) Solid

Date Analyzed: 03/19/2024

Level: (low/med) LOW

Time Analyzed: 13:23

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
196-BAY-AVENUE	P1616-01	BG060679.D	03/19/2024
SU-04-03182024	P1791-01	BG060680.D	03/19/2024
TP-22	P1786-02	BG060681.D	03/19/2024
TP-15	P1786-01	BG060682.D	03/19/2024
72-11977	P1792-01	BG060683.D	03/19/2024

COMMENTS: _____



Surrogate Summary
SW-846

SDG No.: BG031924

Client:

Analytical Method: 8270E

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
PB159643BL	PB159643BL	BG060678.D	2-Fluorophenol	150	162.90	109		10	139
			Phenol-d6	150	129.12	86		10	134
			Nitrobenzene-d5	100	79.01	79		49	133
			2-Fluorobiphenyl	100	79.46	79		52	132
			2,4,6-Tribromophenol	150	147.92	99		32	145
			Terphenyl-d14	100	77.76	78		36	145

Surrogate Summary

SW-846

SDG No.: BG031924

Client: _____

Analytical Method: 8270E

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P1616-01	196-BAY-AVENUE	BG060679.D	2-Fluorophenol	150	73.66	49		18	112
			Phenol-d6	150	86.58	58		15	107
			Nitrobenzene-d5	100	52.00	52		18	107
			2-Fluorobiphenyl	100	46.23	46		20	109
			2,4,6-Tribromophenol	150	70.09	47		10	110
P1786-01	TP-15	BG060682.D	Terphenyl-d14	100	45.47	45		14	112
			2-Fluorophenol	150	78.00	52		18	112
			Phenol-d6	150	76.97	51		15	107
			Nitrobenzene-d5	100	53.52	54		18	107
			2-Fluorobiphenyl	100	51.68	52		20	109
P1786-02	TP-22	BG060681.D	2,4,6-Tribromophenol	150	85.07	57		10	110
			Terphenyl-d14	100	51.57	52		14	112
			2-Fluorophenol	150	78.67	52		18	112
			Phenol-d6	150	75.96	51		15	107
			Nitrobenzene-d5	100	56.23	56		18	107
P1791-01	SU-04-03182024	BG060680.D	2-Fluorobiphenyl	100	52.86	53		20	109
			2,4,6-Tribromophenol	150	85.54	57		10	110
			Terphenyl-d14	100	54.27	54		14	112
			2-Fluorophenol	150	72.56	48		18	112
			Phenol-d6	150	72.52	48		15	107
P1792-01	72-11977	BG060683.D	Nitrobenzene-d5	100	47.24	47		18	107
			2-Fluorobiphenyl	100	47.95	48		20	109
			2,4,6-Tribromophenol	150	74.13	49		10	110
			Terphenyl-d14	100	50.71	51		14	112
			2-Fluorophenol	150	88.71	59		18	112
P1792-01DL	72-11977DL	BG060684.D	Phenol-d6	150	89.19	59		15	107
			Nitrobenzene-d5	100	60.88	61		18	107
			2-Fluorobiphenyl	100	58.80	59		20	109
			2,4,6-Tribromophenol	150	100.63	67		10	110
			Terphenyl-d14	100	55.89	56		14	112
			2-Fluorophenol	150	102.96	69		18	112
			Phenol-d6	150	91.96	61		15	107
			Nitrobenzene-d5	100	59.21	59		18	107
			2-Fluorobiphenyl	100	55.47	55		20	109
			2,4,6-Tribromophenol	150	101.44	68		10	110
			Terphenyl-d14	100	58.58	59		14	112



5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)Lab Name: CHEMTECHContract: BG031924Lab Code: CHEMSAS No.: BG031924 SDG NO.: BG031924Lab File ID: BG060676.DDFTPP Injection Date: 03/19/2024Instrument ID: BNA_GDFTPP Injection Time: 10:21

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
51	10.0 - 80.0% of mass 198	47.2
68	Less than 2.0% of mass 69	0.0 (0.0) 1
69	Mass 69 relative abundance	36.8
70	Less than 2.0% of mass 69	0.2 (0.5) 1
127	10.0 - 80.0% of mass 198	43.9
197	Less than 2.0% of mass 198	0.0
198	Base Peak, 100% relative abundance	100
199	5.0 to 9.0% of mass 198	6.9
275	10.0 - 60.0% of mass 198	27.5
365	Greater than 1% of mass 198	4.1
441	Present, but less than mass 443	14
442	Greater than 50% of mass 198	85.8
443	15.0 - 24.0% of mass 442	16 (18.6) 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
SSTDCCC040	SSTDCCC040	BG060677.D	03/19/2024	11:01
PB159643BL	PB159643BL	BG060678.D	03/19/2024	11:46
196-BAY-AVENUE	P1616-01	BG060679.D	03/19/2024	13:23
SU-04-03182024	P1791-01	BG060680.D	03/19/2024	14:07
TP-22	P1786-02	BG060681.D	03/19/2024	14:48
TP-15	P1786-01	BG060682.D	03/19/2024	15:29
72-11977	P1792-01	BG060683.D	03/19/2024	16:09
72-11977DL	P1792-01DL	BG060684.D	03/19/2024	16:51