

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: _____
 Lab Code: CHEM Case No.: BP021424 SAS No.: BP021424 SDG No.: BP021424
 Instrument ID: BNA_P Calibration Date/Time: 2/14/2024 1:10:18
 Lab File ID: BP019693.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	0.564	0.569		0.887	
Pyridine	1.296	1.252		-3.395	
2-Fluorophenol	1.241	1.224		-1.37	
Benzaldehyde	1.173	1.252		6.735	
Aniline	1.626	1.600		-1.599	
Phenol-d6	1.673	1.662		-0.658	
Phenol	1.667	1.625		-2.519	20.0
bis(2-Chloroethyl)ether	1.297	1.220		-5.937	
2-Chlorophenol	1.274	1.271		-0.235	
1,2-Dichlorobenzene	1.528	1.502		-1.702	
1,3-Dichlorobenzene	1.559	1.533		-1.668	
1,4-Dichlorobenzene	1.579	1.562		-1.077	20.0
Benzyl Alcohol	1.337	1.316		-1.571	
2-Methylphenol	1.123	1.110		-1.158	
2,2-oxybis(1-Chloropropane)	1.297	1.136		-12.413	
Acetophenone	0.570	0.558		-2.105	
3+4-Methylphenols	1.532	1.522		-0.653	
n-Nitroso-di-n-propylamine	1.143	1.049	0.050	-8.224	
Nitrobenzene-d5	0.462	0.466		0.866	
Hexachloroethane	0.612	0.594		-2.941	
Nitrobenzene	0.465	0.467		0.43	
Isophorone	0.804	0.786		-2.239	
2-Nitrophenol	0.177	0.204		15.254	20.0
2,4-Dimethylphenol	0.227	0.231		1.762	
bis(2-Chloroethoxy)methane	0.455	0.437		-3.956	
2,4-Dichlorophenol	0.343	0.363		5.831	20.0
1,2,4-Trichlorobenzene	0.420	0.441		5.0	
Benzoic acid	0.221	0.277		25.339	
Naphthalene	1.097	1.104		0.638	
4-Chloroaniline	0.406	0.412		1.478	
Hexachlorobutadiene	0.311	0.322		3.537	20.0
Caprolactam	0.097	0.116		19.588	
4-Chloro-3-methylphenol	0.373	0.395		5.898	20.0
2-Methylnaphthalene	0.759	0.770		1.449	
Hexachlorocyclopentadiene	0.348	0.394	0.050	13.218	
2,4,6-Trichlorophenol	0.467	0.499		6.852	20.0
2-Fluorobiphenyl	1.618	1.574		-2.719	
2,4,5-Trichlorophenol	0.513	0.550		7.212	
1,1-Biphenyl	1.596	1.535		-3.822	
2-Chloronaphthalene	1.310	1.270		-3.053	
2-Nitroaniline	0.366	0.392		7.104	



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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	1.531	1.574		2.809	
Acenaphthylene	1.838	1.839		0.054	
2,6-Dinitrotoluene	0.336	0.369		9.821	
3-Nitroaniline	0.309	0.333		7.767	
Acenaphthene	1.141	1.131		-0.876	20.0
2,4-Dinitrophenol	0.175	0.242	0.050	38.286	
4-Nitrophenol	0.253	0.300	0.050	18.577	
Dibenzofuran	1.858	1.889		1.668	
2,4-Dinitrotoluene	0.441	0.525		19.048	
Diethylphthalate	1.523	1.620		6.369	
4-Chlorophenyl-phenylether	0.832	0.876		5.288	
Fluorene	1.480	1.552		4.865	
4-Nitroaniline	0.324	0.357		10.185	
4,6-Dinitro-2-methylphenol	0.114	0.143		25.439	
n-Nitrosodiphenylamine	0.599	0.569		-5.008	20.0
Azobenzene	1.473	1.426		-3.191	
2,4,6-Tribromophenol	0.292	0.368		26.027	
4-Bromophenyl-phenylether	0.250	0.249		-0.4	
Hexachlorobenzene	0.292	0.295		1.027	
Atrazine	0.199	0.193		-3.015	
Pentachlorophenol	0.182	0.213		17.033	20.0
Phenanthrene	1.053	1.046		-0.665	
Anthracene	1.050	1.046		-0.381	
Carbazole	0.954	0.988		3.564	
Di-n-butylphthalate	1.153	1.153		0.0	
Fluoranthene	1.286	1.384		7.621	20.0
Benzidine	0.418	0.130		-68.9	
Pyrene	1.412	1.440		1.983	
Terphenyl-d14	1.216	1.272		4.605	
Butylbenzylphthalate	0.527	0.511		-3.036	
3,3-Dichlorobenzidine	0.513	0.509		-0.78	
Benzo (a) anthracene	1.408	1.418		0.71	
Chrysene	1.337	1.341		0.299	
Bis (2-ethylhexyl) phthalate	0.803	0.706		-12.08	
Di-n-octyl phthalate	1.412	1.214		-14.023	20.0
Benzo (b) fluoranthene	1.261	1.296		2.776	
Benzo (k) fluoranthene	1.204	1.160		-3.654	
Benzo (a) pyrene	1.122	1.134		1.07	20.0
Indeno (1,2,3-cd) pyrene	1.531	1.528		-0.196	
Dibenzo (a,h) anthracene	1.259	1.270		0.874	
Benzo (g,h,i) perylene	1.277	1.276		-0.078	



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

COMPOUND	RRF	RRF040	MIN RRF	%D	MAX%D
1,2,4,5-Tetrachlorobenzene	0.771	0.781		1.297	
1,4-Dioxane	0.478	0.437		-8.577	20.0
2,3,4,6-Tetrachlorophenol	0.431	0.494		14.617	
1-Methylnaphthalene	0.746	0.766		2.681	

All other compounds must meet a minimum RRF of 0.010.

Report of Analysis

Client:		Date Collected:	2/13/2024 12:00:00 AM
Project:		Date Received:	2/13/2024 12:00:00 AM
Client Sample ID:	PB158998BL	SDG No.:	BP021424
Lab Sample ID:	PB158998BL	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	0
Sample Wt/Vol:	30.03 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
BP019694.D	1	2/13/2024 12:00:00 AM	2/14/2024 12:00:00 AM	PB158998

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	77.2	U	77.2	270	330	ug/Kg
110-86-1	Pyridine	72.3	U	72.3	130	170	ug/Kg
100-52-7	Benzaldehyde	150	U	150	270	330	ug/Kg
62-53-3	Aniline	120	U	120	130	170	ug/Kg
108-95-2	Phenol	74.3	U	74.3	130	170	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	89.7	U	89.7	130	170	ug/Kg
95-57-8	2-Chlorophenol	71.9	U	71.9	130	170	ug/Kg
95-50-1	1,2-Dichlorobenzene	81.6	U	81.6	130	170	ug/Kg
541-73-1	1,3-Dichlorobenzene	88.4	U	88.4	130	170	ug/Kg
106-46-7	1,4-Dichlorobenzene	82.3	U	82.3	130	170	ug/Kg
100-51-6	Benzyl Alcohol	98.7	U	98.7	270	330	ug/Kg
95-48-7	2-Methylphenol	110	U	110	130	170	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	100	U	100	130	170	ug/Kg
98-86-2	Acetophenone	86.6	U	86.6	130	170	ug/Kg
65794-96-9	3+4-Methylphenols	110	U	110	270	330	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	58.9	U	58.9	79.9	79.9	ug/Kg
67-72-1	Hexachloroethane	73.5	U	73.5	130	170	ug/Kg
98-95-3	Nitrobenzene	75.1	U	75.1	130	170	ug/Kg
78-59-1	Isophorone	68	U	68	130	170	ug/Kg
88-75-5	2-Nitrophenol	95	U	95	130	170	ug/Kg
105-67-9	2,4-Dimethylphenol	99.5	U	99.5	130	170	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	110	U	110	130	170	ug/Kg
120-83-2	2,4-Dichlorophenol	78	U	78	130	170	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	77.4	U	77.4	130	170	ug/Kg
65-85-0	Benzoic acid	210	U	210	270	330	ug/Kg
91-20-3	Naphthalene	81.3	U	81.3	130	170	ug/Kg
106-47-8	4-Chloroaniline	100	U	100	130	170	ug/Kg
87-68-3	Hexachlorobutadiene	83.9	U	83.9	130	170	ug/Kg
105-60-2	Caprolactam	120	U	120	270	330	ug/Kg
59-50-7	4-Chloro-3-methylphenol	82.4	U	82.4	130	170	ug/Kg
91-57-6	2-Methylnaphthalene	94.8	U	94.8	130	170	ug/Kg

Report of Analysis

Client:		Date Collected:	2/13/2024 12:00:00 AM
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Client Sample ID:	PB158998BL	SDG No.:	BP021424
Lab Sample ID:	PB158998BL	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	0
Sample Wt/Vol:	30.03 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
BP019694.D	1	2/13/2024 12:00:00 AM	2/14/2024 12:00:00 AM	PB158998

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
77-47-4	Hexachlorocyclopentadiene	210	U	210	270	330	ug/Kg
88-06-2	2,4,6-Trichlorophenol	77	U	77	130	170	ug/Kg
95-95-4	2,4,5-Trichlorophenol	87.8	U	87.8	130	170	ug/Kg
92-52-4	1,1-Biphenyl	91.2	U	91.2	130	170	ug/Kg
91-58-7	2-Chloronaphthalene	84.5	U	84.5	130	170	ug/Kg
88-74-4	2-Nitroaniline	99.2	U	99.2	130	170	ug/Kg
131-11-3	Dimethylphthalate	88.8	U	88.8	130	170	ug/Kg
208-96-8	Acenaphthylene	88.3	U	88.3	130	170	ug/Kg
606-20-2	2,6-Dinitrotoluene	89.9	U	89.9	130	170	ug/Kg
99-09-2	3-Nitroaniline	93.3	U	93.3	130	170	ug/Kg
83-32-9	Acenaphthene	80.2	U	80.2	130	170	ug/Kg
Total PAH	Total PAH	1436.7	U	1436.7	130	2720	ug/Kg
51-28-5	2,4-Dinitrophenol	180	U	180	270	330	ug/Kg
100-02-7	4-Nitrophenol	110	U	110	270	330	ug/Kg
132-64-9	Dibenzofuran	76.8	U	76.8	130	170	ug/Kg
121-14-2	2,4-Dinitrotoluene	99.8	U	99.8	130	170	ug/Kg
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	89.7	U	189.7	130	340	ug/Kg
84-66-2	Diethylphthalate	85.8	U	85.8	130	170	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	90.3	U	90.3	130	170	ug/Kg
86-73-7	Fluorene	84.7	U	84.7	130	170	ug/Kg
100-01-6	4-Nitroaniline	100	U	100	130	170	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	87.7	U	87.7	270	330	ug/Kg
86-30-6	n-Nitrosodiphenylamine	93.2	U	93.2	130	170	ug/Kg
103-33-3	Azobenzene	73.4	U	73.4	130	170	ug/Kg
101-55-3	4-Bromophenyl-phenylether	97.3	U	97.3	130	170	ug/Kg
118-74-1	Hexachlorobenzene	98.7	U	98.7	130	170	ug/Kg
1912-24-9	Atrazine	95.3	U	95.3	130	170	ug/Kg
87-86-5	Pentachlorophenol	110	U	110	270	330	ug/Kg
85-01-8	Phenanthrene	92.6	U	92.6	130	170	ug/Kg
120-12-7	Anthracene	100	U	100	130	170	ug/Kg
86-74-8	Carbazole	84.8	U	84.8	130	170	ug/Kg
84-74-2	Di-n-butylphthalate	100	U	100	130	170	ug/Kg
206-44-0	Fluoranthene	94.3	U	94.3	130	170	ug/Kg

Report of Analysis

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Project:		Date Received:	2/13/2024 12:00:00 AM
Client Sample ID:	PB158998BL	SDG No.:	BP021424
Lab Sample ID:	PB158998BL	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	0
Sample Wt/Vol:	30.03 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
BP019694.D	1	2/13/2024 12:00:00 AM	2/14/2024 12:00:00 AM	PB158998

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-87-5	Benidine	190	U	190	270	330	ug/Kg
129-00-0	Pyrene	83.6	U	83.6	130	170	ug/Kg
85-68-7	Butylbenzylphthalate	100	U	100	130	170	ug/Kg
91-94-1	3,3-Dichlorobenzidine	160	U	160	270	330	ug/Kg
56-55-3	Benzo(a)anthracene	83.8	U	83.8	130	170	ug/Kg
218-01-9	Chrysene	86.7	U	86.7	130	170	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	110	U	110	130	170	ug/Kg
117-84-0	Di-n-octyl phthalate	120	U	120	270	330	ug/Kg
205-99-2	Benzo(b)fluoranthene	80.2	U	80.2	130	170	ug/Kg
207-08-9	Benzo(k)fluoranthene	88	U	88	130	170	ug/Kg
50-32-8	Benzo(a)pyrene	94.2	U	94.2	130	170	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	110	U	110	130	170	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	96.4	U	96.4	130	170	ug/Kg
191-24-2	Benzo(g,h,i)perylene	92.4	U	92.4	130	170	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	89.3	U	89.3	130	170	ug/Kg
123-91-1	1,4-Dioxane	120	U	120	130	170	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	82.8	U	82.8	130	170	ug/Kg
90-12-0	1-Methylnaphthalene	90.1	U	90.1	170	170	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	118.851		18-112		79	SPK: -150
13127-88-3	Phenol-d6	109.469		15-107		73	SPK: -150
4165-60-0	Nitrobenzene-d5	79.111		18-107		79	SPK: -100
321-60-8	2-Fluorobiphenyl	79.403		20-109		79	SPK: -100
118-79-6	2,4,6-Tribromophenol	152.601		10-110		102	SPK: -150
1718-51-0	Terphenyl-d14	84.67		14-112		85	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	59449	7.905				
1146-65-2	Naphthalene-d8	207320	10.704				
15067-26-2	Acenaphthene-d10	131138	14.54				
1517-22-2	Phenanthrene-d10	306872	17.298				
1719-03-5	Chrysene-d12	314591	21.386				
1520-96-3	Perylene-d12	383738	23.81				



Report of Analysis

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Project:		Date Received:	2/13/2024 12:00:00 AM
Client Sample ID:	PB158998BL	SDG No.:	BP021424
Lab Sample ID:	PB158998BL	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	0
Sample Wt/Vol:	30.03	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
BP019694.D	1	2/13/2024 12:00:00 AM	2/14/2024 12:00:00 AM	PB158998

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TENTATIVE IDENTIFIED COMPOUNDS							
000123-42-2	2-Pentanone, 4-hydroxy-4-methyl-	95.9	A			5.022	
082304-66-3	7,9-Di-tert-butyl-1-oxaspiro(4,5)d	100	J			17.969	
000791-28-6	Triphenylphosphine oxide	200	J			21.516	

Report of Analysis

Client:		Date Collected:	2/13/2024 12:00:00 AM
Project:		Date Received:	2/13/2024 12:00:00 AM
Client Sample ID:	PB158998BS	SDG No.:	BP021424
Lab Sample ID:	PB158998BS	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	0
Sample Wt/Vol:	30.01 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
BP019695.D	1	2/13/2024 12:00:00 AM	2/14/2024 12:00:00 AM	PB158998

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	1400		77.3	270	330	ug/Kg
110-86-1	Pyridine	1100		72.4	130	170	ug/Kg
100-52-7	Benzaldehyde	150	U	150	270	330	ug/Kg
62-53-3	Aniline	970		120	130	170	ug/Kg
108-95-2	Phenol	1500		74.4	130	170	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	1400		89.8	130	170	ug/Kg
95-57-8	2-Chlorophenol	1500		72	130	170	ug/Kg
95-50-1	1,2-Dichlorobenzene	1400		81.7	130	170	ug/Kg
541-73-1	1,3-Dichlorobenzene	1400		88.5	130	170	ug/Kg
106-46-7	1,4-Dichlorobenzene	1400		82.4	130	170	ug/Kg
100-51-6	Benzyl Alcohol	1500		98.8	270	330	ug/Kg
95-48-7	2-Methylphenol	1500		110	130	170	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	1400		100	130	170	ug/Kg
98-86-2	Acetophenone	1500		86.7	130	170	ug/Kg
65794-96-9	3+4-Methylphenols	1500		110	270	330	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	1300		59	80	80	ug/Kg
67-72-1	Hexachloroethane	1400		73.6	130	170	ug/Kg
98-95-3	Nitrobenzene	1400		75.2	130	170	ug/Kg
78-59-1	Isophorone	1400		68.1	130	170	ug/Kg
88-75-5	2-Nitrophenol	1700		95.1	130	170	ug/Kg
105-67-9	2,4-Dimethylphenol	1800		99.6	130	170	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	1400		110	130	170	ug/Kg
120-83-2	2,4-Dichlorophenol	1600		78.1	130	170	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	1500		77.5	130	170	ug/Kg
65-85-0	Benzoic acid	1800		210	270	330	ug/Kg
91-20-3	Naphthalene	1400		81.4	130	170	ug/Kg
106-47-8	4-Chloroaniline	440		100	130	170	ug/Kg
87-68-3	Hexachlorobutadiene	1500		84	130	170	ug/Kg
105-60-2	Caprolactam	1700		120	270	330	ug/Kg
59-50-7	4-Chloro-3-methylphenol	1600		82.5	130	170	ug/Kg
91-57-6	2-Methylnaphthalene	1500		94.9	130	170	ug/Kg

Report of Analysis

Client:		Date Collected:	2/13/2024 12:00:00 AM
Project:		Date Received:	2/13/2024 12:00:00 AM
Client Sample ID:	PB158998BS	SDG No.:	BP021424
Lab Sample ID:	PB158998BS	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	0
Sample Wt/Vol:	30.01 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
BP019695.D	1	2/13/2024 12:00:00 AM	2/14/2024 12:00:00 AM	PB158998

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
77-47-4	Hexachlorocyclopentadiene	4500	E	210	270	330	ug/Kg
88-06-2	2,4,6-Trichlorophenol	1600		77.1	130	170	ug/Kg
95-95-4	2,4,5-Trichlorophenol	1600		87.9	130	170	ug/Kg
92-52-4	1,1-Biphenyl	1500		91.3	130	170	ug/Kg
91-58-7	2-Chloronaphthalene	1400		84.6	130	170	ug/Kg
88-74-4	2-Nitroaniline	1600		99.3	130	170	ug/Kg
131-11-3	Dimethylphthalate	1600		88.9	130	170	ug/Kg
208-96-8	Acenaphthylene	1600		88.4	130	170	ug/Kg
606-20-2	2,6-Dinitrotoluene	1600		90	130	170	ug/Kg
99-09-2	3-Nitroaniline	1200		93.4	130	170	ug/Kg
83-32-9	Acenaphthene	1500		80.3	130	170	ug/Kg
Total PAH	Total PAH	24500		1438.1	130	2720	ug/Kg
51-28-5	2,4-Dinitrophenol	4400	E	180	270	330	ug/Kg
100-02-7	4-Nitrophenol	3600	E	110	270	330	ug/Kg
132-64-9	Dibenzofuran	1600		76.9	130	170	ug/Kg
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	3300		189.9	130	340	ug/Kg
121-14-2	2,4-Dinitrotoluene	1700		99.9	130	170	ug/Kg
84-66-2	Diethylphthalate	1600		85.9	130	170	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	1600		90.4	130	170	ug/Kg
86-73-7	Fluorene	1600		84.8	130	170	ug/Kg
100-01-6	4-Nitroaniline	1500		100	130	170	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	1800		87.8	270	330	ug/Kg
86-30-6	n-Nitrosodiphenylamine	1500		93.3	130	170	ug/Kg
103-33-3	Azobenzene	1500		73.5	130	170	ug/Kg
101-55-3	4-Bromophenyl-phenylether	1500		97.4	130	170	ug/Kg
118-74-1	Hexachlorobenzene	1500		98.8	130	170	ug/Kg
1912-24-9	Atrazine	1700		95.4	130	170	ug/Kg
87-86-5	Pentachlorophenol	3400	E	110	270	330	ug/Kg
85-01-8	Phenanthrene	1500		92.7	130	170	ug/Kg
120-12-7	Anthracene	1500		100	130	170	ug/Kg
86-74-8	Carbazole	1500		84.9	130	170	ug/Kg
84-74-2	Di-n-butylphthalate	1500		100	130	170	ug/Kg
206-44-0	Fluoranthene	1500		94.4	130	170	ug/Kg

Report of Analysis

Client:		Date Collected:	2/13/2024 12:00:00 AM
Project:		Date Received:	2/13/2024 12:00:00 AM
Client Sample ID:	PB158998BS	SDG No.:	BP021424
Lab Sample ID:	PB158998BS	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	0
Sample Wt/Vol:	30.01 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
BP019695.D	1	2/13/2024 12:00:00 AM	2/14/2024 12:00:00 AM	PB158998

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-87-5	Benidine	1200		190	270	330	ug/Kg
129-00-0	Pyrene	1500		83.7	130	170	ug/Kg
85-68-7	Butylbenzylphthalate	1500		100	130	170	ug/Kg
91-94-1	3,3-Dichlorobenzidine	1300		160	270	330	ug/Kg
56-55-3	Benzo(a)anthracene	1600		83.9	130	170	ug/Kg
218-01-9	Chrysene	1500		86.8	130	170	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	1400		110	130	170	ug/Kg
117-84-0	Di-n-octyl phthalate	1300		120	270	330	ug/Kg
205-99-2	Benzo(b)fluoranthene	1500		80.3	130	170	ug/Kg
207-08-9	Benzo(k)fluoranthene	1500		88.1	130	170	ug/Kg
50-32-8	Benzo(a)pyrene	1600		94.3	130	170	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	1600		110	130	170	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	1600		96.5	130	170	ug/Kg
191-24-2	Benzo(g,h,i)perylene	1500		92.5	130	170	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	1500		89.4	130	170	ug/Kg
123-91-1	1,4-Dioxane	1100		120	130	170	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	1800		82.9	130	170	ug/Kg
90-12-0	1-Methylnaphthalene	1400		90.2	170	170	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	131.812		18-112		88	SPK: -150
13127-88-3	Phenol-d6	125.603		15-107		84	SPK: -150
4165-60-0	Nitrobenzene-d5	84.273		18-107		84	SPK: -100
321-60-8	2-Fluorobiphenyl	86.225		20-109		86	SPK: -100
118-79-6	2,4,6-Tribromophenol	170.689	*	10-110		114	SPK: -150
1718-51-0	Terphenyl-d14	93.135		14-112		93	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	69247	7.904				
1146-65-2	Naphthalene-d8	253060	10.704				
15067-26-2	Acenaphthene-d10	165831	14.539				
1517-22-2	Phenanthrene-d10	387568	17.298				
1719-03-5	Chrysene-d12	365525	21.392				
1520-96-3	Perylene-d12	427227	23.81				



Report of Analysis

Client:		Date Collected:	2/13/2024 12:00:00 AM
Project:		Date Received:	2/13/2024 12:00:00 AM
Client Sample ID:	PB158998BS	SDG No.:	BP021424
Lab Sample ID:	PB158998BS	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	0
Sample Wt/Vol:	30.01	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
BP019695.D	1	2/13/2024 12:00:00 AM	2/14/2024 12:00:00 AM	PB158998

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

Client:		Date Collected:	2/10/2024 12:00:00 AM
Project:		Date Received:	2/10/2024 12:00:00 AM
Client Sample ID:	PB158849TB	SDG No.:	BP021424
Lab Sample ID:	PB158849TB	Matrix:	water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	100 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
BP019696.D	1	2/10/2024 12:00:00 AM	2/14/2024 12:00:00 AM	PB158960

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	20.2	U	20.2	80	100	ug/L
110-86-1	Pyridine	17.8	U	17.8	40	50	ug/L
100-52-7	Benzaldehyde	32.8	U	32.8	80	100	ug/L
62-53-3	Aniline	24.2	U	24.2	40	50	ug/L
108-95-2	Phenol	14.8	U	14.8	40	50	ug/L
111-44-4	bis(2-Chloroethyl)ether	16.5	U	16.5	40	50	ug/L
95-57-8	2-Chlorophenol	13.5	U	13.5	40	50	ug/L
95-50-1	1,2-Dichlorobenzene	12.5	U	12.5	40	50	ug/L
541-73-1	1,3-Dichlorobenzene	17.4	U	17.4	40	50	ug/L
106-46-7	1,4-Dichlorobenzene	14.3	U	14.3	40	50	ug/L
100-51-6	Benzyl Alcohol	23.8	U	23.8	80	100	ug/L
95-48-7	2-Methylphenol	20.6	U	20.6	40	50	ug/L
108-60-1	2,2-oxybis(1-Chloropropane)	22.6	U	22.6	40	50	ug/L
98-86-2	Acetophenone	17.9	U	17.9	40	50	ug/L
65794-96-9	3+4-Methylphenols	21.6	U	21.6	80	100	ug/L
621-64-7	n-Nitroso-di-n-propylamine	19.8	U	19.8	25	25	ug/L
67-72-1	Hexachloroethane	16.4	U	16.4	40	50	ug/L
98-95-3	Nitrobenzene	17.2	U	17.2	40	50	ug/L
78-59-1	Isophorone	17.1	U	17.1	40	50	ug/L
88-75-5	2-Nitrophenol	23.8	U	23.8	40	50	ug/L
105-67-9	2,4-Dimethylphenol	29.6	U	29.6	40	50	ug/L
111-91-1	bis(2-Chloroethoxy)methane	20.4	U	20.4	40	50	ug/L
120-83-2	2,4-Dichlorophenol	16.9	U	16.9	40	50	ug/L
120-82-1	1,2,4-Trichlorobenzene	17	U	17	40	50	ug/L
65-85-0	Benzoic acid	66.5	U	66.5	80	100	ug/L
91-20-3	Naphthalene	16.9	U	16.9	40	50	ug/L
106-47-8	4-Chloroaniline	25.4	U	25.4	40	50	ug/L
87-68-3	Hexachlorobutadiene	19.3	U	19.3	40	50	ug/L
105-60-2	Caprolactam	34.3	U	34.3	80	100	ug/L
59-50-7	4-Chloro-3-methylphenol	17.5	U	17.5	40	50	ug/L
91-57-6	2-Methylnaphthalene	22.3	U	22.3	40	50	ug/L

Report of Analysis

Client:		Date Collected:	2/10/2024 12:00:00 AM
Project:		Date Received:	2/10/2024 12:00:00 AM
Client Sample ID:	PB158849TB	SDG No.:	BP021424
Lab Sample ID:	PB158849TB	Matrix:	water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	100 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
BP019696.D	1	2/10/2024 12:00:00 AM	2/14/2024 12:00:00 AM	PB158960

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
77-47-4	Hexachlorocyclopentadiene	57.4	U	57.4	80	100	ug/L
88-06-2	2,4,6-Trichlorophenol	15.2	U	15.2	40	50	ug/L
95-95-4	2,4,5-Trichlorophenol	15.7	U	15.7	40	50	ug/L
92-52-4	1,1-Biphenyl	17.9	U	17.9	40	50	ug/L
91-58-7	2-Chloronaphthalene	15.9	U	15.9	40	50	ug/L
88-74-4	2-Nitroaniline	23.7	U	23.7	40	50	ug/L
131-11-3	Dimethylphthalate	18.8	U	18.8	40	50	ug/L
208-96-8	Acenaphthylene	21.4	U	21.4	40	50	ug/L
606-20-2	2,6-Dinitrotoluene	21	U	21	40	50	ug/L
99-09-2	3-Nitroaniline	23.6	U	23.6	40	50	ug/L
83-32-9	Acenaphthene	17.2	U	17.2	40	50	ug/L
Total PAH	Total PAH	309	U	309	40	800	ug/L
51-28-5	2,4-Dinitrophenol	54.5	U	54.5	80	100	ug/L
100-02-7	4-Nitrophenol	28	U	28	80	100	ug/L
132-64-9	Dibenzofuran	15.8	U	15.8	40	50	ug/L
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	46.4	U	46.4	40	100	ug/L
121-14-2	2,4-Dinitrotoluene	25.4	U	25.4	40	50	ug/L
84-66-2	Diethylphthalate	20.5	U	20.5	40	50	ug/L
7005-72-3	4-Chlorophenyl-phenylether	22.2	U	22.2	40	50	ug/L
86-73-7	Fluorene	20.4	U	20.4	40	50	ug/L
100-01-6	4-Nitroaniline	23.4	U	23.4	40	50	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	18	U	18	80	100	ug/L
86-30-6	n-Nitrosodiphenylamine	19.5	U	19.5	40	50	ug/L
103-33-3	Azobenzene	16.4	U	16.4	40	50	ug/L
101-55-3	4-Bromophenyl-phenylether	19.5	U	19.5	40	50	ug/L
118-74-1	Hexachlorobenzene	19.1	U	19.1	40	50	ug/L
1912-24-9	Atrazine	35	U	35	40	50	ug/L
87-86-5	Pentachlorophenol	25.5	U	25.5	80	100	ug/L
85-01-8	Phenanthrene	20	U	20	40	50	ug/L
120-12-7	Anthracene	22.8	U	22.8	40	50	ug/L
86-74-8	Carbazole	17	U	17	40	50	ug/L
84-74-2	Di-n-butylphthalate	24	U	24	40	50	ug/L
206-44-0	Fluoranthene	20.5	U	20.5	40	50	ug/L

Report of Analysis

Client:		Date Collected:	2/10/2024 12:00:00 AM
Project:		Date Received:	2/10/2024 12:00:00 AM
Client Sample ID:	PB158849TB	SDG No.:	BP021424
Lab Sample ID:	PB158849TB	Matrix:	water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	100 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
BP019696.D	1	2/10/2024 12:00:00 AM	2/14/2024 12:00:00 AM	PB158960

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-87-5	Benidine	65.8	U	65.8	80	100	ug/L
129-00-0	Pyrene	18.9	U	18.9	40	50	ug/L
85-68-7	Butylbenzylphthalate	28	U	28	40	50	ug/L
91-94-1	3,3-Dichlorobenzidine	53.8	U	53.8	80	100	ug/L
56-55-3	Benzo(a)anthracene	14.5	U	14.5	40	50	ug/L
218-01-9	Chrysene	15.7	U	15.7	40	50	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	29.3	U	29.3	40	50	ug/L
117-84-0	Di-n-octyl phthalate	31.3	U	31.3	80	100	ug/L
205-99-2	Benzo(b)fluoranthene	15	U	15	40	50	ug/L
207-08-9	Benzo(k)fluoranthene	18.7	U	18.7	40	50	ug/L
50-32-8	Benzo(a)pyrene	27	U	27	40	50	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	20.9	U	20.9	40	50	ug/L
53-70-3	Dibenzo(a,h)anthracene	19.8	U	19.8	40	50	ug/L
191-24-2	Benzo(g,h,i)perylene	19.3	U	19.3	40	50	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	20.6	U	20.6	40	50	ug/L
123-91-1	1,4-Dioxane	24.4	U	24.4	40	50	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	13.1	U	13.1	40	50	ug/L
90-12-0	1-Methylnaphthalene	20.8	U	20.8	40	50	ug/L
SURROGATES							
367-12-4	2-Fluorophenol	129.436		10-139		86	SPK: -150
13127-88-3	Phenol-d6	119.262		10-134		80	SPK: -150
4165-60-0	Nitrobenzene-d5	86.062		49-133		86	SPK: -100
321-60-8	2-Fluorobiphenyl	86.351		52-132		86	SPK: -100
118-79-6	2,4,6-Tribromophenol	173.001		32-145		115	SPK: -150
1718-51-0	Terphenyl-d14	92.412		36-145		92	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	60454	7.905				
1146-65-2	Naphthalene-d8	208947	10.704				
15067-26-2	Acenaphthene-d10	134865	14.539				
1517-22-2	Phenanthrene-d10	327495	17.298				
1719-03-5	Chrysene-d12	342897	21.386				
1520-96-3	Perylene-d12	418430	23.81				



Report of Analysis

Client:		Date Collected:	2/10/2024 12:00:00 AM
Project:		Date Received:	2/10/2024 12:00:00 AM
Client Sample ID:	PB158849TB	SDG No.:	BP021424
Lab Sample ID:	PB158849TB	Matrix:	water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	100	Units:	mL
Soil Aliquot Vol:		Final Vol:	1000
			uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP019696.D	1	2/10/2024 12:00:00 AM	2/14/2024 12:00:00 AM	PB158960

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

Client:		Date Collected:	2/10/2024 12:00:00 AM
Project:		Date Received:	2/10/2024 12:00:00 AM
Client Sample ID:	PB158884TB	SDG No.:	BP021424
Lab Sample ID:	PB158884TB	Matrix:	water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	100 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
BP019697.D	1	2/10/2024 12:00:00 AM	2/14/2024 12:00:00 AM	PB158960

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	20.2	U	20.2	80	100	ug/L
110-86-1	Pyridine	17.8	U	17.8	40	50	ug/L
100-52-7	Benzaldehyde	32.8	U	32.8	80	100	ug/L
62-53-3	Aniline	24.2	U	24.2	40	50	ug/L
108-95-2	Phenol	14.8	U	14.8	40	50	ug/L
111-44-4	bis(2-Chloroethyl)ether	16.5	U	16.5	40	50	ug/L
95-57-8	2-Chlorophenol	13.5	U	13.5	40	50	ug/L
95-50-1	1,2-Dichlorobenzene	12.5	U	12.5	40	50	ug/L
541-73-1	1,3-Dichlorobenzene	17.4	U	17.4	40	50	ug/L
106-46-7	1,4-Dichlorobenzene	14.3	U	14.3	40	50	ug/L
100-51-6	Benzyl Alcohol	23.8	U	23.8	80	100	ug/L
95-48-7	2-Methylphenol	20.6	U	20.6	40	50	ug/L
108-60-1	2,2-oxybis(1-Chloropropane)	22.6	U	22.6	40	50	ug/L
98-86-2	Acetophenone	17.9	U	17.9	40	50	ug/L
65794-96-9	3+4-Methylphenols	21.6	U	21.6	80	100	ug/L
621-64-7	n-Nitroso-di-n-propylamine	19.8	U	19.8	25	25	ug/L
67-72-1	Hexachloroethane	16.4	U	16.4	40	50	ug/L
98-95-3	Nitrobenzene	17.2	U	17.2	40	50	ug/L
78-59-1	Isophorone	17.1	U	17.1	40	50	ug/L
88-75-5	2-Nitrophenol	23.8	U	23.8	40	50	ug/L
105-67-9	2,4-Dimethylphenol	29.6	U	29.6	40	50	ug/L
111-91-1	bis(2-Chloroethoxy)methane	20.4	U	20.4	40	50	ug/L
120-83-2	2,4-Dichlorophenol	16.9	U	16.9	40	50	ug/L
120-82-1	1,2,4-Trichlorobenzene	17	U	17	40	50	ug/L
65-85-0	Benzoic acid	66.5	U	66.5	80	100	ug/L
91-20-3	Naphthalene	16.9	U	16.9	40	50	ug/L
106-47-8	4-Chloroaniline	25.4	U	25.4	40	50	ug/L
87-68-3	Hexachlorobutadiene	19.3	U	19.3	40	50	ug/L
105-60-2	Caprolactam	34.3	U	34.3	80	100	ug/L
59-50-7	4-Chloro-3-methylphenol	17.5	U	17.5	40	50	ug/L
91-57-6	2-Methylnaphthalene	22.3	U	22.3	40	50	ug/L

Report of Analysis

Client:		Date Collected:	2/10/2024 12:00:00 AM
Project:		Date Received:	2/10/2024 12:00:00 AM
Client Sample ID:	PB158884TB	SDG No.:	BP021424
Lab Sample ID:	PB158884TB	Matrix:	water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	100 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
BP019697.D	1	2/10/2024 12:00:00 AM	2/14/2024 12:00:00 AM	PB158960

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
77-47-4	Hexachlorocyclopentadiene	57.4	U	57.4	80	100	ug/L
88-06-2	2,4,6-Trichlorophenol	15.2	U	15.2	40	50	ug/L
95-95-4	2,4,5-Trichlorophenol	15.7	U	15.7	40	50	ug/L
92-52-4	1,1-Biphenyl	17.9	U	17.9	40	50	ug/L
91-58-7	2-Chloronaphthalene	15.9	U	15.9	40	50	ug/L
88-74-4	2-Nitroaniline	23.7	U	23.7	40	50	ug/L
131-11-3	Dimethylphthalate	18.8	U	18.8	40	50	ug/L
208-96-8	Acenaphthylene	21.4	U	21.4	40	50	ug/L
606-20-2	2,6-Dinitrotoluene	21	U	21	40	50	ug/L
99-09-2	3-Nitroaniline	23.6	U	23.6	40	50	ug/L
83-32-9	Acenaphthene	17.2	U	17.2	40	50	ug/L
Total PAH	Total PAH	309	U	309	40	800	ug/L
51-28-5	2,4-Dinitrophenol	54.5	U	54.5	80	100	ug/L
100-02-7	4-Nitrophenol	28	U	28	80	100	ug/L
132-64-9	Dibenzofuran	15.8	U	15.8	40	50	ug/L
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	46.4	U	46.4	40	100	ug/L
121-14-2	2,4-Dinitrotoluene	25.4	U	25.4	40	50	ug/L
84-66-2	Diethylphthalate	20.5	U	20.5	40	50	ug/L
7005-72-3	4-Chlorophenyl-phenylether	22.2	U	22.2	40	50	ug/L
86-73-7	Fluorene	20.4	U	20.4	40	50	ug/L
100-01-6	4-Nitroaniline	23.4	U	23.4	40	50	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	18	U	18	80	100	ug/L
86-30-6	n-Nitrosodiphenylamine	19.5	U	19.5	40	50	ug/L
103-33-3	Azobenzene	16.4	U	16.4	40	50	ug/L
101-55-3	4-Bromophenyl-phenylether	19.5	U	19.5	40	50	ug/L
118-74-1	Hexachlorobenzene	19.1	U	19.1	40	50	ug/L
1912-24-9	Atrazine	35	U	35	40	50	ug/L
87-86-5	Pentachlorophenol	25.5	U	25.5	80	100	ug/L
85-01-8	Phenanthrene	20	U	20	40	50	ug/L
120-12-7	Anthracene	22.8	U	22.8	40	50	ug/L
86-74-8	Carbazole	17	U	17	40	50	ug/L
84-74-2	Di-n-butylphthalate	24	U	24	40	50	ug/L
206-44-0	Fluoranthene	20.5	U	20.5	40	50	ug/L

Report of Analysis

Client:		Date Collected:	2/10/2024 12:00:00 AM
Project:		Date Received:	2/10/2024 12:00:00 AM
Client Sample ID:	PB158884TB	SDG No.:	BP021424
Lab Sample ID:	PB158884TB	Matrix:	water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	100 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
BP019697.D	1	2/10/2024 12:00:00 AM	2/14/2024 12:00:00 AM	PB158960

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-87-5	Benidine	65.8	U	65.8	80	100	ug/L
129-00-0	Pyrene	18.9	U	18.9	40	50	ug/L
85-68-7	Butylbenzylphthalate	28	U	28	40	50	ug/L
91-94-1	3,3-Dichlorobenzidine	53.8	U	53.8	80	100	ug/L
56-55-3	Benzo(a)anthracene	14.5	U	14.5	40	50	ug/L
218-01-9	Chrysene	15.7	U	15.7	40	50	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	29.3	U	29.3	40	50	ug/L
117-84-0	Di-n-octyl phthalate	31.3	U	31.3	80	100	ug/L
205-99-2	Benzo(b)fluoranthene	15	U	15	40	50	ug/L
207-08-9	Benzo(k)fluoranthene	18.7	U	18.7	40	50	ug/L
50-32-8	Benzo(a)pyrene	27	U	27	40	50	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	20.9	U	20.9	40	50	ug/L
53-70-3	Dibenzo(a,h)anthracene	19.8	U	19.8	40	50	ug/L
191-24-2	Benzo(g,h,i)perylene	19.3	U	19.3	40	50	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	20.6	U	20.6	40	50	ug/L
123-91-1	1,4-Dioxane	24.4	U	24.4	40	50	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	13.1	U	13.1	40	50	ug/L
90-12-0	1-Methylnaphthalene	20.8	U	20.8	40	50	ug/L
SURROGATES							
367-12-4	2-Fluorophenol	132.295		10-139		88	SPK: -150
13127-88-3	Phenol-d6	119.827		10-134		80	SPK: -150
4165-60-0	Nitrobenzene-d5	85.707		49-133		86	SPK: -100
321-60-8	2-Fluorobiphenyl	88.461		52-132		88	SPK: -100
118-79-6	2,4,6-Tribromophenol	165.42		32-145		110	SPK: -150
1718-51-0	Terphenyl-d14	90.582		36-145		91	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	56723	7.904				
1146-65-2	Naphthalene-d8	202650	10.704				
15067-26-2	Acenaphthene-d10	125373	14.539				
1517-22-2	Phenanthrene-d10	292767	17.298				
1719-03-5	Chrysene-d12	299559	21.386				
1520-96-3	Perylene-d12	367875	23.809				

Report of Analysis

Client:		Date Collected:	2/10/2024 12:00:00 AM
Project:		Date Received:	2/10/2024 12:00:00 AM
Client Sample ID:	PB158884TB	SDG No.:	BP021424
Lab Sample ID:	PB158884TB	Matrix:	water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	100	Units:	mL
Soil Aliquot Vol:		Final Vol:	1000
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
BP019697.D	1	2/10/2024 12:00:00 AM	2/14/2024 12:00:00 AM	PB158960

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

Client:		Date Collected:	2/10/2024 12:00:00 AM
Project:		Date Received:	2/10/2024 12:00:00 AM
Client Sample ID:	PB158960BS	SDG No.:	BP021424
Lab Sample ID:	PB158960BS	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
BP019698.D	1	2/10/2024 12:00:00 AM	2/14/2024 12:00:00 AM	PB158960

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	40.7		2	8	10	ug/L
110-86-1	Pyridine	30.7		1.8	4	5	ug/L
100-52-7	Benzaldehyde	8.8	J	3.3	8	10	ug/L
62-53-3	Aniline	36.9		2.4	4	5	ug/L
108-95-2	Phenol	44.8		1.5	4	5	ug/L
111-44-4	bis(2-Chloroethyl)ether	40.8		1.7	4	5	ug/L
95-57-8	2-Chlorophenol	45.7		1.4	4	5	ug/L
95-50-1	1,2-Dichlorobenzene	40.3		1.3	4	5	ug/L
541-73-1	1,3-Dichlorobenzene	40.7		1.7	4	5	ug/L
106-46-7	1,4-Dichlorobenzene	41.2		1.4	4	5	ug/L
100-51-6	Benzyl Alcohol	45.5		2.4	8	10	ug/L
95-48-7	2-Methylphenol	44.3		2.1	4	5	ug/L
108-60-1	2,2-oxybis(1-Chloropropane)	39		2.3	4	5	ug/L
98-86-2	Acetophenone	41.6		1.8	4	5	ug/L
65794-96-9	3+4-Methylphenols	44.9		2.2	8	10	ug/L
621-64-7	n-Nitroso-di-n-propylamine	40.1		2	2.5	2.5	ug/L
67-72-1	Hexachloroethane	39.8		1.6	4	5	ug/L
98-95-3	Nitrobenzene	39.8		1.7	4	5	ug/L
78-59-1	Isophorone	41.5		1.7	4	5	ug/L
88-75-5	2-Nitrophenol	48.1		2.4	4	5	ug/L
105-67-9	2,4-Dimethylphenol	52		3	4	5	ug/L
111-91-1	bis(2-Chloroethoxy)methane	41.3		2	4	5	ug/L
120-83-2	2,4-Dichlorophenol	47.9		1.7	4	5	ug/L
120-82-1	1,2,4-Trichlorobenzene	42.2		1.7	4	5	ug/L
65-85-0	Benzoic acid	54		6.7	8	10	ug/L
91-20-3	Naphthalene	41.2		1.7	4	5	ug/L
106-47-8	4-Chloroaniline	24.3		2.5	4	5	ug/L
87-68-3	Hexachlorobutadiene	41.3		1.9	4	5	ug/L
105-60-2	Caprolactam	55.3		3.4	8	10	ug/L
59-50-7	4-Chloro-3-methylphenol	48.8		1.8	4	5	ug/L
91-57-6	2-Methylnaphthalene	43.1		2.2	4	5	ug/L

Report of Analysis

Client:		Date Collected:	2/10/2024 12:00:00 AM
Project:		Date Received:	2/10/2024 12:00:00 AM
Client Sample ID:	PB158960BS	SDG No.:	BP021424
Lab Sample ID:	PB158960BS	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
BP019698.D	1	2/10/2024 12:00:00 AM	2/14/2024 12:00:00 AM	PB158960

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
77-47-4	Hexachlorocyclopentadiene	130	E	5.7	8	10	ug/L
88-06-2	2,4,6-Trichlorophenol	48.5		1.5	4	5	ug/L
95-95-4	2,4,5-Trichlorophenol	48.8		1.6	4	5	ug/L
92-52-4	1,1-Biphenyl	41.4		1.8	4	5	ug/L
91-58-7	2-Chloronaphthalene	40.4		1.6	4	5	ug/L
88-74-4	2-Nitroaniline	48.3		2.4	4	5	ug/L
131-11-3	Dimethylphthalate	46.8		1.9	4	5	ug/L
208-96-8	Acenaphthylene	47.1		2.1	4	5	ug/L
606-20-2	2,6-Dinitrotoluene	47.3		2.1	4	5	ug/L
99-09-2	3-Nitroaniline	37.4		2.4	4	5	ug/L
83-32-9	Acenaphthene	42.6		1.7	4	5	ug/L
Total PAH	Total PAH	718.1		31	4	80	ug/L
51-28-5	2,4-Dinitrophenol	130	E	5.5	8	10	ug/L
100-02-7	4-Nitrophenol	110	E	2.8	8	10	ug/L
132-64-9	Dibenzofuran	45.3		1.6	4	5	ug/L
121-14-2	2,4-Dinitrotoluene	52.7		2.5	4	5	ug/L
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	100		4.6	4	10	ug/L
84-66-2	Diethylphthalate	48		2.1	4	5	ug/L
7005-72-3	4-Chlorophenyl-phenylether	46.4		2.2	4	5	ug/L
86-73-7	Fluorene	46.7		2	4	5	ug/L
100-01-6	4-Nitroaniline	48.3		2.3	4	5	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	55.7		1.8	8	10	ug/L
86-30-6	n-Nitrosodiphenylamine	42.9		2	4	5	ug/L
103-33-3	Azobenzene	44.5		1.6	4	5	ug/L
101-55-3	4-Bromophenyl-phenylether	44.3		2	4	5	ug/L
118-74-1	Hexachlorobenzene	43.9		1.9	4	5	ug/L
1912-24-9	Atrazine	54.1		3.5	4	5	ug/L
87-86-5	Pentachlorophenol	100	E	2.6	8	10	ug/L
85-01-8	Phenanthrene	45.4		2	4	5	ug/L
120-12-7	Anthracene	46.2		2.3	4	5	ug/L
86-74-8	Carbazole	46		1.7	4	5	ug/L
84-74-2	Di-n-butylphthalate	45.9		2.4	4	5	ug/L
206-44-0	Fluoranthene	47.2		2.1	4	5	ug/L

Report of Analysis

Client:		Date Collected:	2/10/2024 12:00:00 AM
Project:		Date Received:	2/10/2024 12:00:00 AM
Client Sample ID:	PB158960BS	SDG No.:	BP021424
Lab Sample ID:	PB158960BS	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
BP019698.D	1	2/10/2024 12:00:00 AM	2/14/2024 12:00:00 AM	PB158960

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-87-5	Benzidine	47		6.6	8	10	ug/L
129-00-0	Pyrene	44.6		1.9	4	5	ug/L
85-68-7	Butylbenzylphthalate	44.8		2.8	4	5	ug/L
91-94-1	3,3-Dichlorobenzidine	38.9		5.4	8	10	ug/L
56-55-3	Benzo(a)anthracene	45.7		1.5	4	5	ug/L
218-01-9	Chrysene	44.7		1.6	4	5	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	41.5		2.9	4	5	ug/L
117-84-0	Di-n-octyl phthalate	40.6		3.1	8	10	ug/L
205-99-2	Benzo(b)fluoranthene	45.2		1.5	4	5	ug/L
207-08-9	Benzo(k)fluoranthene	45		1.9	4	5	ug/L
50-32-8	Benzo(a)pyrene	46		2.7	4	5	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	44.3		2.1	4	5	ug/L
53-70-3	Dibenzo(a,h)anthracene	44.5		2	4	5	ug/L
191-24-2	Benzo(g,h,i)perylene	41.7		1.9	4	5	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	43.3		2.1	4	5	ug/L
123-91-1	1,4-Dioxane	29.9		2.4	4	5	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	56.5		1.3	4	5	ug/L
90-12-0	1-Methylnaphthalene	42		2.1	4	5	ug/L
SURROGATES							
367-12-4	2-Fluorophenol	127.057		10-139		85	SPK: -150
13127-88-3	Phenol-d6	122.14		10-134		81	SPK: -150
4165-60-0	Nitrobenzene-d5	79.387		49-133		79	SPK: -100
321-60-8	2-Fluorobiphenyl	79.316		52-132		79	SPK: -100
118-79-6	2,4,6-Tribromophenol	168.999		32-145		113	SPK: -150
1718-51-0	Terphenyl-d14	90.35		36-145		90	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	69594	7.905				
1146-65-2	Naphthalene-d8	265254	10.704				
15067-26-2	Acenaphthene-d10	182986	14.54				
1517-22-2	Phenanthrene-d10	438441	17.298				
1719-03-5	Chrysene-d12	435425	21.392				
1520-96-3	Perylene-d12	495524	23.81				

Report of Analysis

Client:		Date Collected:	2/10/2024 12:00:00 AM
Project:		Date Received:	2/10/2024 12:00:00 AM
Client Sample ID:	PB158960BS	SDG No.:	BP021424
Lab Sample ID:	PB158960BS	Matrix:	water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	1000	Units:	mL
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP019698.D	1	2/10/2024 12:00:00 AM	2/14/2024 12:00:00 AM	PB158960

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

Client:		Date Collected:	2/6/2024 12:00:00 AM
Project:		Date Received:	2/6/2024 12:00:00 AM
Client Sample ID:	SB-1(4-5)	SDG No.:	BP021424
Lab Sample ID:	P1394-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	13.8
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
BP019699.D	1	2/9/2024 12:00:00 AM	2/14/2024 12:00:00 AM	PB158945

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	89.4	U	89.4	310	380	ug/Kg
110-86-1	Pyridine	83.8	U	83.8	150	200	ug/Kg
100-52-7	Benzaldehyde	170	U	170	310	380	ug/Kg
62-53-3	Aniline	140	U	140	150	200	ug/Kg
108-95-2	Phenol	86.1	U	86.1	150	200	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	100	U	100	150	200	ug/Kg
95-57-8	2-Chlorophenol	83.3	U	83.3	150	200	ug/Kg
95-50-1	1,2-Dichlorobenzene	94.5	U	94.5	150	200	ug/Kg
541-73-1	1,3-Dichlorobenzene	100	U	100	150	200	ug/Kg
106-46-7	1,4-Dichlorobenzene	95.3	U	95.3	150	200	ug/Kg
100-51-6	Benzyl Alcohol	110	U	110	310	380	ug/Kg
95-48-7	2-Methylphenol	130	U	130	150	200	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	120	U	120	150	200	ug/Kg
98-86-2	Acetophenone	100	U	100	150	200	ug/Kg
65794-96-9	3+4-Methylphenols	120	U	120	310	380	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	68.3	U	68.3	92.6	92.6	ug/Kg
67-72-1	Hexachloroethane	85.2	U	85.2	150	200	ug/Kg
98-95-3	Nitrobenzene	87	U	87	150	200	ug/Kg
78-59-1	Isophorone	78.8	U	78.8	150	200	ug/Kg
88-75-5	2-Nitrophenol	110	U	110	150	200	ug/Kg
105-67-9	2,4-Dimethylphenol	120	U	120	150	200	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	130	U	130	150	200	ug/Kg
120-83-2	2,4-Dichlorophenol	90.4	U	90.4	150	200	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	89.7	U	89.7	150	200	ug/Kg
65-85-0	Benzoic acid	250	U	250	310	380	ug/Kg
91-20-3	Naphthalene	94.2	U	94.2	150	200	ug/Kg
106-47-8	4-Chloroaniline	120	U	120	150	200	ug/Kg
87-68-3	Hexachlorobutadiene	97.2	U	97.2	150	200	ug/Kg
105-60-2	Caprolactam	140	U	140	310	380	ug/Kg
59-50-7	4-Chloro-3-methylphenol	95.5	U	95.5	150	200	ug/Kg
91-57-6	2-Methylnaphthalene	110	U	110	150	200	ug/Kg

Report of Analysis

Client:		Date Collected:	2/6/2024 12:00:00 AM
Project:		Date Received:	2/6/2024 12:00:00 AM
Client Sample ID:	SB-1(4-5)	SDG No.:	BP021424
Lab Sample ID:	P1394-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	13.8
Sample Wt/Vol:	30.08 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
BP019699.D	1	2/9/2024 12:00:00 AM	2/14/2024 12:00:00 AM	PB158945

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
77-47-4	Hexachlorocyclopentadiene	240	U	240	310	380	ug/Kg
88-06-2	2,4,6-Trichlorophenol	89.2	U	89.2	150	200	ug/Kg
95-95-4	2,4,5-Trichlorophenol	100	U	100	150	200	ug/Kg
92-52-4	1,1-Biphenyl	110	U	110	150	200	ug/Kg
91-58-7	2-Chloronaphthalene	97.9	U	97.9	150	200	ug/Kg
88-74-4	2-Nitroaniline	110	U	110	150	200	ug/Kg
131-11-3	Dimethylphthalate	100	U	100	150	200	ug/Kg
208-96-8	Acenaphthylene	100	U	100	150	200	ug/Kg
606-20-2	2,6-Dinitrotoluene	100	U	100	150	200	ug/Kg
99-09-2	3-Nitroaniline	110	U	110	150	200	ug/Kg
83-32-9	Acenaphthene	92.9	U	92.9	150	200	ug/Kg
Total PAH	Total PAH	1662	U	1662	150	3200	ug/Kg
51-28-5	2,4-Dinitrophenol	210	U	210	310	380	ug/Kg
100-02-7	4-Nitrophenol	130	U	130	310	380	ug/Kg
132-64-9	Dibenzofuran	89	U	89	150	200	ug/Kg
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	220	U	220	150	400	ug/Kg
121-14-2	2,4-Dinitrotoluene	120	U	120	150	200	ug/Kg
84-66-2	Diethylphthalate	99.4	U	99.4	150	200	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	100	U	100	150	200	ug/Kg
86-73-7	Fluorene	98.1	U	98.1	150	200	ug/Kg
100-01-6	4-Nitroaniline	120	U	120	150	200	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	100	U	100	310	380	ug/Kg
86-30-6	n-Nitrosodiphenylamine	110	U	110	150	200	ug/Kg
103-33-3	Azobenzene	85	U	85	150	200	ug/Kg
101-55-3	4-Bromophenyl-phenylether	110	U	110	150	200	ug/Kg
118-74-1	Hexachlorobenzene	110	U	110	150	200	ug/Kg
1912-24-9	Atrazine	110	U	110	150	200	ug/Kg
87-86-5	Pentachlorophenol	130	U	130	310	380	ug/Kg
85-01-8	Phenanthrene	110	U	110	150	200	ug/Kg
120-12-7	Anthracene	120	U	120	150	200	ug/Kg
86-74-8	Carbazole	98.2	U	98.2	150	200	ug/Kg
84-74-2	Di-n-butylphthalate	120	U	120	150	200	ug/Kg
206-44-0	Fluoranthene	110	U	110	150	200	ug/Kg

Report of Analysis

Client:		Date Collected:	2/6/2024 12:00:00 AM
Project:		Date Received:	2/6/2024 12:00:00 AM
Client Sample ID:	SB-1(4-5)	SDG No.:	BP021424
Lab Sample ID:	P1394-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	13.8
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
BP019699.D	1	2/9/2024 12:00:00 AM	2/14/2024 12:00:00 AM	PB158945

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-87-5	Benzidine	220	U	220	310	380	ug/Kg
129-00-0	Pyrene	96.8	U	96.8	150	200	ug/Kg
85-68-7	Butylbenzylphthalate	120	U	120	150	200	ug/Kg
91-94-1	3,3-Dichlorobenzidine	190	U	190	310	380	ug/Kg
56-55-3	Benzo(a)anthracene	97.1	U	97.1	150	200	ug/Kg
218-01-9	Chrysene	100	U	100	150	200	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	130	U	130	150	200	ug/Kg
117-84-0	Di-n-octyl phthalate	140	U	140	310	380	ug/Kg
205-99-2	Benzo(b)fluoranthene	92.9	U	92.9	150	200	ug/Kg
207-08-9	Benzo(k)fluoranthene	100	U	100	150	200	ug/Kg
50-32-8	Benzo(a)pyrene	110	U	110	150	200	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	120	U	120	150	200	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	110	U	110	150	200	ug/Kg
191-24-2	Benzo(g,h,i)perylene	110	U	110	150	200	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	100	U	100	150	200	ug/Kg
123-91-1	1,4-Dioxane	140	U	140	150	200	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	95.9	U	95.9	150	200	ug/Kg
90-12-0	1-Methylnaphthalene	100	U	100	200	200	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	82.956		18-112		55	SPK: -150
13127-88-3	Phenol-d6	76.981		15-107		51	SPK: -150
4165-60-0	Nitrobenzene-d5	55.73		18-107		56	SPK: -100
321-60-8	2-Fluorobiphenyl	55.109		20-109		55	SPK: -100
118-79-6	2,4,6-Tribromophenol	112.275		10-110		75	SPK: -150
1718-51-0	Terphenyl-d14	53.56		14-112		54	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	53085	7.905				
1146-65-2	Naphthalene-d8	188277	10.704				
15067-26-2	Acenaphthene-d10	120754	14.539				
1517-22-2	Phenanthrene-d10	290713	17.292				
1719-03-5	Chrysene-d12	330799	21.386				
1520-96-3	Perylene-d12	405067	23.804				



Report of Analysis

Client:		Date Collected:	2/6/2024 12:00:00 AM
Project:		Date Received:	2/6/2024 12:00:00 AM
Client Sample ID:	SB-1(4-5)	SDG No.:	BP021424
Lab Sample ID:	P1394-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	13.8
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
BP019699.D	1	2/9/2024 12:00:00 AM	2/14/2024 12:00:00 AM	PB158945

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TENTATIVE IDENTIFIED COMPOUNDS							
000057-10-3	n-Hexadecanoic acid	800	J			18.192	
000057-11-4	Octadecanoic acid	340	J			19.427	
000506-51-4	n-Tetracosanol-1	150	J			21.11	
000791-28-6	Triphenylphosphine oxide	86.4	J			21.516	

Report of Analysis

Client:		Date Collected:	2/6/2024 12:00:00 AM
Project:		Date Received:	2/6/2024 12:00:00 AM
Client Sample ID:	SB-2(3-4)	SDG No.:	BP021424
Lab Sample ID:	P1394-02	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	10.1
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
BP019700.D	1	2/9/2024 12:00:00 AM	2/14/2024 12:00:00 AM	PB158945

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	85.8	U	85.8	300	370	ug/Kg
110-86-1	Pyridine	80.4	U	80.4	140	190	ug/Kg
100-52-7	Benzaldehyde	160	U	160	300	370	ug/Kg
62-53-3	Aniline	130	U	130	140	190	ug/Kg
108-95-2	Phenol	82.6	U	82.6	140	190	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	99.7	U	99.7	140	190	ug/Kg
95-57-8	2-Chlorophenol	80	U	80	140	190	ug/Kg
95-50-1	1,2-Dichlorobenzene	90.7	U	90.7	140	190	ug/Kg
541-73-1	1,3-Dichlorobenzene	98.3	U	98.3	140	190	ug/Kg
106-46-7	1,4-Dichlorobenzene	91.5	U	91.5	140	190	ug/Kg
100-51-6	Benzyl Alcohol	110	U	110	300	370	ug/Kg
95-48-7	2-Methylphenol	130	U	130	140	190	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	120	U	120	140	190	ug/Kg
98-86-2	Acetophenone	96.3	U	96.3	140	190	ug/Kg
65794-96-9	3+4-Methylphenols	120	U	120	300	370	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	65.5	U	65.5	88.8	88.8	ug/Kg
67-72-1	Hexachloroethane	81.7	U	81.7	140	190	ug/Kg
98-95-3	Nitrobenzene	83.5	U	83.5	140	190	ug/Kg
78-59-1	Isophorone	75.6	U	75.6	140	190	ug/Kg
88-75-5	2-Nitrophenol	110	U	110	140	190	ug/Kg
105-67-9	2,4-Dimethylphenol	110	U	110	140	190	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	120	U	120	140	190	ug/Kg
120-83-2	2,4-Dichlorophenol	86.7	U	86.7	140	190	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	86.1	U	86.1	140	190	ug/Kg
65-85-0	Benzoic acid	240	U	240	300	370	ug/Kg
91-20-3	Naphthalene	90.4	U	90.4	140	190	ug/Kg
106-47-8	4-Chloroaniline	120	U	120	140	190	ug/Kg
87-68-3	Hexachlorobutadiene	93.3	U	93.3	140	190	ug/Kg
105-60-2	Caprolactam	130	U	130	300	370	ug/Kg
59-50-7	4-Chloro-3-methylphenol	91.6	U	91.6	140	190	ug/Kg
91-57-6	2-Methylnaphthalene	110	U	110	140	190	ug/Kg

Report of Analysis

Client:		Date Collected:	2/6/2024 12:00:00 AM
Project:		Date Received:	2/6/2024 12:00:00 AM
Client Sample ID:	SB-2(3-4)	SDG No.:	BP021424
Lab Sample ID:	P1394-02	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	10.1
Sample Wt/Vol:	30.05 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
BP019700.D	1	2/9/2024 12:00:00 AM	2/14/2024 12:00:00 AM	PB158945

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
77-47-4	Hexachlorocyclopentadiene	230	U	230	300	370	ug/Kg
88-06-2	2,4,6-Trichlorophenol	85.6	U	85.6	140	190	ug/Kg
95-95-4	2,4,5-Trichlorophenol	97.6	U	97.6	140	190	ug/Kg
92-52-4	1,1-Biphenyl	100	U	100	140	190	ug/Kg
91-58-7	2-Chloronaphthalene	93.9	U	93.9	140	190	ug/Kg
88-74-4	2-Nitroaniline	110	U	110	140	190	ug/Kg
131-11-3	Dimethylphthalate	98.7	U	98.7	140	190	ug/Kg
208-96-8	Acenaphthylene	98.2	U	98.2	140	190	ug/Kg
606-20-2	2,6-Dinitrotoluene	99.9	U	99.9	140	190	ug/Kg
99-09-2	3-Nitroaniline	100	U	100	140	190	ug/Kg
83-32-9	Acenaphthene	89.2	U	89.2	140	190	ug/Kg
Total PAH	Total PAH	1581.5	U	1581.5	140	3040	ug/Kg
51-28-5	2,4-Dinitrophenol	200	U	200	300	370	ug/Kg
100-02-7	4-Nitrophenol	130	U	130	300	370	ug/Kg
132-64-9	Dibenzofuran	85.4	U	85.4	140	190	ug/Kg
121-14-2	2,4-Dinitrotoluene	110	U	110	140	190	ug/Kg
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	209.9	U	209.9	140	380	ug/Kg
84-66-2	Diethylphthalate	95.4	U	95.4	140	190	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	100	U	100	140	190	ug/Kg
86-73-7	Fluorene	94.2	U	94.2	140	190	ug/Kg
100-01-6	4-Nitroaniline	120	U	120	140	190	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	97.5	U	97.5	300	370	ug/Kg
86-30-6	n-Nitrosodiphenylamine	100	U	100	140	190	ug/Kg
103-33-3	Azobenzene	81.6	U	81.6	140	190	ug/Kg
101-55-3	4-Bromophenyl-phenylether	110	U	110	140	190	ug/Kg
118-74-1	Hexachlorobenzene	110	U	110	140	190	ug/Kg
1912-24-9	Atrazine	110	U	110	140	190	ug/Kg
87-86-5	Pentachlorophenol	120	U	120	300	370	ug/Kg
85-01-8	Phenanthrene	100	U	100	140	190	ug/Kg
120-12-7	Anthracene	110	U	110	140	190	ug/Kg
86-74-8	Carbazole	94.3	U	94.3	140	190	ug/Kg
84-74-2	Di-n-butylphthalate	120	U	120	140	190	ug/Kg
206-44-0	Fluoranthene	100	U	100	140	190	ug/Kg

Report of Analysis

Client:		Date Collected:	2/6/2024 12:00:00 AM
Project:		Date Received:	2/6/2024 12:00:00 AM
Client Sample ID:	SB-2(3-4)	SDG No.:	BP021424
Lab Sample ID:	P1394-02	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	10.1
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
BP019700.D	1	2/9/2024 12:00:00 AM	2/14/2024 12:00:00 AM	PB158945

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-87-5	Benidine	210	U	210	300	370	ug/Kg
129-00-0	Pyrene	92.9	U	92.9	140	190	ug/Kg
85-68-7	Butylbenzylphthalate	110	U	110	140	190	ug/Kg
91-94-1	3,3-Dichlorobenzidine	180	U	180	300	370	ug/Kg
56-55-3	Benzo(a)anthracene	93.2	U	93.2	140	190	ug/Kg
218-01-9	Chrysene	96.4	U	96.4	140	190	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	130	U	130	140	190	ug/Kg
117-84-0	Di-n-octyl phthalate	140	U	140	300	370	ug/Kg
205-99-2	Benzo(b)fluoranthene	89.2	U	89.2	140	190	ug/Kg
207-08-9	Benzo(k)fluoranthene	97.8	U	97.8	140	190	ug/Kg
50-32-8	Benzo(a)pyrene	100	U	100	140	190	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	120	U	120	140	190	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	110	U	110	140	190	ug/Kg
191-24-2	Benzo(g,h,i)perylene	100	U	100	140	190	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	99.3	U	99.3	140	190	ug/Kg
123-91-1	1,4-Dioxane	130	U	130	140	190	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	92.1	U	92.1	140	190	ug/Kg
90-12-0	1-Methylnaphthalene	100	U	100	190	190	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	80.364		18-112		54	SPK: -150
13127-88-3	Phenol-d6	75.264		15-107		50	SPK: -150
4165-60-0	Nitrobenzene-d5	52.083		18-107		52	SPK: -100
321-60-8	2-Fluorobiphenyl	51.628		20-109		52	SPK: -100
118-79-6	2,4,6-Tribromophenol	105.177		10-110		70	SPK: -150
1718-51-0	Terphenyl-d14	54.929		14-112		55	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	62623	7.905				
1146-65-2	Naphthalene-d8	226519	10.705				
15067-26-2	Acenaphthene-d10	148693	14.534				
1517-22-2	Phenanthrene-d10	358719	17.292				
1719-03-5	Chrysene-d12	368250	21.386				
1520-96-3	Perylene-d12	416082	23.804				



Report of Analysis

Client:		Date Collected:	2/6/2024 12:00:00 AM
Project:		Date Received:	2/6/2024 12:00:00 AM
Client Sample ID:	SB-2(3-4)	SDG No.:	BP021424
Lab Sample ID:	P1394-02	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	10.1
Sample Wt/Vol:	30.05	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
BP019700.D	1	2/9/2024 12:00:00 AM	2/14/2024 12:00:00 AM	PB158945

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TENTATIVE IDENTIFIED COMPOUNDS							
000057-10-3	n-Hexadecanoic acid	360	J			18.192	
000057-11-4	Octadecanoic acid	150	J			19.428	
015594-90-8	1-Heneicosanol	210	J			21.11	

Report of Analysis

Client:		Date Collected:	2/9/2024 12:00:00 AM
Project:		Date Received:	2/9/2024 12:00:00 AM
Client Sample ID:	TP-2	SDG No.:	BP021424
Lab Sample ID:	P1453-05	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	14.4
Sample Wt/Vol:	50.04	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
BP019701.D	1	2/12/2024 12:00:00 AM	2/14/2024 12:00:00 AM	PB158973

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	54.1	U	54.1	190	230	ug/Kg
110-86-1	Pyridine	50.7	U	50.7	91	120	ug/Kg
100-52-7	Benzaldehyde	100	U	100	190	230	ug/Kg
62-53-3	Aniline	81.9	U	81.9	91	120	ug/Kg
108-95-2	Phenol	52.1	U	52.1	91	120	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	62.9	U	62.9	91	120	ug/Kg
95-57-8	2-Chlorophenol	50.4	U	50.4	91	120	ug/Kg
95-50-1	1,2-Dichlorobenzene	57.2	U	57.2	91	120	ug/Kg
541-73-1	1,3-Dichlorobenzene	62	U	62	91	120	ug/Kg
106-46-7	1,4-Dichlorobenzene	57.7	U	57.7	91	120	ug/Kg
100-51-6	Benzyl Alcohol	69.2	U	69.2	190	230	ug/Kg
95-48-7	2-Methylphenol	79.8	U	79.8	91	120	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	73.5	U	73.5	91	120	ug/Kg
98-86-2	Acetophenone	60.7	U	60.7	91	120	ug/Kg
65794-96-9	3+4-Methylphenols	75.6	U	75.6	190	230	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	41.3	U	41.3	56	56	ug/Kg
67-72-1	Hexachloroethane	51.5	U	51.5	91	120	ug/Kg
98-95-3	Nitrobenzene	52.7	U	52.7	91	120	ug/Kg
78-59-1	Isophorone	47.7	U	47.7	91	120	ug/Kg
88-75-5	2-Nitrophenol	66.6	U	66.6	91	120	ug/Kg
105-67-9	2,4-Dimethylphenol	69.8	U	69.8	91	120	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	78.4	U	78.4	91	120	ug/Kg
120-83-2	2,4-Dichlorophenol	54.7	U	54.7	91	120	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	54.3	U	54.3	91	120	ug/Kg
65-85-0	Benzoic acid	150	U	150	190	230	ug/Kg
91-20-3	Naphthalene	57	U	57	91	120	ug/Kg
106-47-8	4-Chloroaniline	73.5	U	73.5	91	120	ug/Kg
87-68-3	Hexachlorobutadiene	58.8	U	58.8	91	120	ug/Kg
105-60-2	Caprolactam	81.9	U	81.9	190	230	ug/Kg
59-50-7	4-Chloro-3-methylphenol	57.8	U	57.8	91	120	ug/Kg
91-57-6	2-Methylnaphthalene	66.5	U	66.5	91	120	ug/Kg

Report of Analysis

Client:		Date Collected:	2/9/2024 12:00:00 AM
Project:		Date Received:	2/9/2024 12:00:00 AM
Client Sample ID:	TP-2	SDG No.:	BP021424
Lab Sample ID:	P1453-05	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	14.4
Sample Wt/Vol:	50.04	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
BP019701.D	1	2/12/2024 12:00:00 AM	2/14/2024 12:00:00 AM	PB158973

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
77-47-4	Hexachlorocyclopentadiene	150	U	150	190	230	ug/Kg
88-06-2	2,4,6-Trichlorophenol	54	U	54	91	120	ug/Kg
95-95-4	2,4,5-Trichlorophenol	61.6	U	61.6	91	120	ug/Kg
92-52-4	1,1-Biphenyl	63.9	U	63.9	91	120	ug/Kg
91-58-7	2-Chloronaphthalene	59.3	U	59.3	91	120	ug/Kg
88-74-4	2-Nitroaniline	69.5	U	69.5	91	120	ug/Kg
131-11-3	Dimethylphthalate	62.3	U	62.3	91	120	ug/Kg
208-96-8	Acenaphthylene	61.9	U	61.9	91	120	ug/Kg
606-20-2	2,6-Dinitrotoluene	63	U	63	91	120	ug/Kg
99-09-2	3-Nitroaniline	65.4	U	65.4	91	120	ug/Kg
83-32-9	Acenaphthene	56.2	U	56.2	91	120	ug/Kg
Total PAH	Total PAH	1006.3	U	1006.3	91	1920	ug/Kg
51-28-5	2,4-Dinitrophenol	130	U	130	190	230	ug/Kg
100-02-7	4-Nitrophenol	79.8	U	79.8	190	230	ug/Kg
132-64-9	Dibenzofuran	53.9	U	53.9	91	120	ug/Kg
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	33	U	133	91	240	ug/Kg
121-14-2	2,4-Dinitrotoluene	70	U	70	91	120	ug/Kg
84-66-2	Diethylphthalate	60.2	U	60.2	91	120	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	63.3	U	63.3	91	120	ug/Kg
86-73-7	Fluorene	59.4	U	59.4	91	120	ug/Kg
100-01-6	4-Nitroaniline	72.8	U	72.8	91	120	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	61.5	U	61.5	190	230	ug/Kg
86-30-6	n-Nitrosodiphenylamine	65.3	U	65.3	91	120	ug/Kg
103-33-3	Azobenzene	51.5	U	51.5	91	120	ug/Kg
101-55-3	4-Bromophenyl-phenylether	68.2	U	68.2	91	120	ug/Kg
118-74-1	Hexachlorobenzene	69.2	U	69.2	91	120	ug/Kg
1912-24-9	Atrazine	66.8	U	66.8	91	120	ug/Kg
87-86-5	Pentachlorophenol	77.7	U	77.7	190	230	ug/Kg
85-01-8	Phenanthrene	64.9	U	64.9	91	120	ug/Kg
120-12-7	Anthracene	71.4	U	71.4	91	120	ug/Kg
86-74-8	Carbazole	59.5	U	59.5	91	120	ug/Kg
84-74-2	Di-n-butylphthalate	72.8	U	72.8	91	120	ug/Kg
206-44-0	Fluoranthene	66.1	U	66.1	91	120	ug/Kg

Report of Analysis

Client:		Date Collected:	2/9/2024 12:00:00 AM
Project:		Date Received:	2/9/2024 12:00:00 AM
Client Sample ID:	TP-2	SDG No.:	BP021424
Lab Sample ID:	P1453-05	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	14.4
Sample Wt/Vol:	50.04	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
BP019701.D	1	2/12/2024 12:00:00 AM	2/14/2024 12:00:00 AM	PB158973

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-87-5	Benidine	140	U	140	190	230	ug/Kg
129-00-0	Pyrene	58.6	U	58.6	91	120	ug/Kg
85-68-7	Butylbenzylphthalate	72.1	U	72.1	91	120	ug/Kg
91-94-1	3,3-Dichlorobenzidine	110	U	110	190	230	ug/Kg
56-55-3	Benzo(a)anthracene	58.8	U	58.8	91	120	ug/Kg
218-01-9	Chrysene	60.8	U	60.8	91	120	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	80.5	U	80.5	91	120	ug/Kg
117-84-0	Di-n-octyl phthalate	86.1	U	86.1	190	230	ug/Kg
205-99-2	Benzo(b)fluoranthene	56.2	U	56.2	91	120	ug/Kg
207-08-9	Benzo(k)fluoranthene	61.7	U	61.7	91	120	ug/Kg
50-32-8	Benzo(a)pyrene	66	U	66	91	120	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	74.9	U	74.9	91	120	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	67.6	U	67.6	91	120	ug/Kg
191-24-2	Benzo(g,h,i)perylene	64.8	U	64.8	91	120	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	62.6	U	62.6	91	120	ug/Kg
123-91-1	1,4-Dioxane	81.9	U	81.9	91	120	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	58.1	U	58.1	91	120	ug/Kg
90-12-0	1-Methylnaphthalene	63.2	U	63.2	120	120	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	123.049		18-112		82	SPK: -150
13127-88-3	Phenol-d6	113.785		15-107		76	SPK: -150
4165-60-0	Nitrobenzene-d5	78.723		18-107		79	SPK: -100
321-60-8	2-Fluorobiphenyl	78.527		20-109		79	SPK: -100
118-79-6	2,4,6-Tribromophenol	155.131		10-110		103	SPK: -150
1718-51-0	Terphenyl-d14	77.939		14-112		78	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	70148	7.905				
1146-65-2	Naphthalene-d8	258127	10.704				
15067-26-2	Acenaphthene-d10	166910	14.54				
1517-22-2	Phenanthrene-d10	398685	17.292				
1719-03-5	Chrysene-d12	432656	21.386				
1520-96-3	Perylene-d12	501110	23.804				



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Report of Analysis

Client:		Date Collected:	2/9/2024 12:00:00 AM
Project:		Date Received:	2/9/2024 12:00:00 AM
Client Sample ID:	TP-2	SDG No.:	BP021424
Lab Sample ID:	P1453-05	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	14.4
Sample Wt/Vol:	50.04	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
BP019701.D	1	2/12/2024 12:00:00 AM	2/14/2024 12:00:00 AM	PB158973

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TENTATIVE IDENTIFIED COMPOUNDS							
004254-14-2	R-(-)-1,2-propanediol	60	J			3.628	
000123-42-2	2-Pentanone, 4-hydroxy-4-methyl-	120	A			5.022	
000079-92-5	Camphene	170	J			6.899	
000584-84-9	Benzene, 2,4-diisocyanato-1-methyl	120	J			12.934	
000057-10-3	n-Hexadecanoic acid	290	J			18.192	
000057-11-4	Octadecanoic acid	96.4	J			19.428	
002136-70-1	Ethanol, 2-(tetradecyloxy)-	110	J			21.11	

Report of Analysis

Client:		Date Collected:	2/12/2024 12:00:00 AM
Project:		Date Received:	2/12/2024 12:00:00 AM
Client Sample ID:	TP-2	SDG No.:	BP021424
Lab Sample ID:	P1461-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	10.4
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
BP019702.D	1	2/13/2024 12:00:00 AM	2/14/2024 12:00:00 AM	PB158998

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	51.7	U	51.7	180	220	ug/Kg
110-86-1	Pyridine	48.4	U	48.4	87	110	ug/Kg
100-52-7	Benzaldehyde	99	U	99	180	220	ug/Kg
62-53-3	Aniline	78.3	U	78.3	87	110	ug/Kg
108-95-2	Phenol	49.8	U	49.8	87	110	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	60.1	U	60.1	87	110	ug/Kg
95-57-8	2-Chlorophenol	48.2	U	48.2	87	110	ug/Kg
95-50-1	1,2-Dichlorobenzene	54.7	U	54.7	87	110	ug/Kg
541-73-1	1,3-Dichlorobenzene	59.2	U	59.2	87	110	ug/Kg
106-46-7	1,4-Dichlorobenzene	55.1	U	55.1	87	110	ug/Kg
100-51-6	Benzyl Alcohol	66.1	U	66.1	180	220	ug/Kg
95-48-7	2-Methylphenol	76.3	U	76.3	87	110	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	70.2	U	70.2	87	110	ug/Kg
98-86-2	Acetophenone	58	U	58	87	110	ug/Kg
65794-96-9	3+4-Methylphenols	72.2	U	72.2	180	220	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	39.5	U	39.5	53.5	53.5	ug/Kg
67-72-1	Hexachloroethane	49.2	U	49.2	87	110	ug/Kg
98-95-3	Nitrobenzene	50.3	U	50.3	87	110	ug/Kg
78-59-1	Isophorone	45.6	U	45.6	87	110	ug/Kg
88-75-5	2-Nitrophenol	63.6	U	63.6	87	110	ug/Kg
105-67-9	2,4-Dimethylphenol	66.6	U	66.6	87	110	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	74.9	U	74.9	87	110	ug/Kg
120-83-2	2,4-Dichlorophenol	52.2	U	52.2	87	110	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	51.8	U	51.8	87	110	ug/Kg
65-85-0	Benzoic acid	140	U	140	180	220	ug/Kg
91-20-3	Naphthalene	54.5	U	54.5	87	110	ug/Kg
106-47-8	4-Chloroaniline	70.2	U	70.2	87	110	ug/Kg
87-68-3	Hexachlorobutadiene	56.2	U	56.2	87	110	ug/Kg
105-60-2	Caprolactam	78.3	U	78.3	180	220	ug/Kg
59-50-7	4-Chloro-3-methylphenol	55.2	U	55.2	87	110	ug/Kg
91-57-6	2-Methylnaphthalene	63.5	U	63.5	87	110	ug/Kg

Report of Analysis

Client:		Date Collected:	2/12/2024 12:00:00 AM
Project:		Date Received:	2/12/2024 12:00:00 AM
Client Sample ID:	TP-2	SDG No.:	BP021424
Lab Sample ID:	P1461-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	10.4
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
BP019702.D	1	2/13/2024 12:00:00 AM	2/14/2024 12:00:00 AM	PB158998

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
77-47-4	Hexachlorocyclopentadiene	140	U	140	180	220	ug/Kg
88-06-2	2,4,6-Trichlorophenol	51.6	U	51.6	87	110	ug/Kg
95-95-4	2,4,5-Trichlorophenol	58.8	U	58.8	87	110	ug/Kg
92-52-4	1,1-Biphenyl	61.1	U	61.1	87	110	ug/Kg
91-58-7	2-Chloronaphthalene	56.6	U	56.6	87	110	ug/Kg
88-74-4	2-Nitroaniline	66.4	U	66.4	87	110	ug/Kg
131-11-3	Dimethylphthalate	59.5	U	59.5	87	110	ug/Kg
208-96-8	Acenaphthylene	59.1	U	59.1	87	110	ug/Kg
606-20-2	2,6-Dinitrotoluene	60.2	U	60.2	87	110	ug/Kg
99-09-2	3-Nitroaniline	62.5	U	62.5	87	110	ug/Kg
83-32-9	Acenaphthene	53.7	U	53.7	87	110	ug/Kg
Total PAH	Total PAH	961.4	U	961.4	87	1760	ug/Kg
51-28-5	2,4-Dinitrophenol	120	U	120	180	220	ug/Kg
100-02-7	4-Nitrophenol	76.3	U	76.3	180	220	ug/Kg
132-64-9	Dibenzofuran	51.4	U	51.4	87	110	ug/Kg
121-14-2	2,4-Dinitrotoluene	66.8	U	66.8	87	110	ug/Kg
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	27	U	127	87	220	ug/Kg
84-66-2	Diethylphthalate	57.5	U	57.5	87	110	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	60.5	U	60.5	87	110	ug/Kg
86-73-7	Fluorene	56.7	U	56.7	87	110	ug/Kg
100-01-6	4-Nitroaniline	69.6	U	69.6	87	110	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	58.7	U	58.7	180	220	ug/Kg
86-30-6	n-Nitrosodiphenylamine	62.4	U	62.4	87	110	ug/Kg
103-33-3	Azobenzene	49.2	U	49.2	87	110	ug/Kg
101-55-3	4-Bromophenyl-phenylether	65.2	U	65.2	87	110	ug/Kg
118-74-1	Hexachlorobenzene	66.1	U	66.1	87	110	ug/Kg
1912-24-9	Atrazine	63.8	U	63.8	87	110	ug/Kg
87-86-5	Pentachlorophenol	74.3	U	74.3	180	220	ug/Kg
85-01-8	Phenanthrene	62	U	62	87	110	ug/Kg
120-12-7	Anthracene	68.2	U	68.2	87	110	ug/Kg
86-74-8	Carbazole	56.8	U	56.8	87	110	ug/Kg
84-74-2	Di-n-butylphthalate	69.6	U	69.6	87	110	ug/Kg
206-44-0	Fluoranthene	63.2	U	63.2	87	110	ug/Kg

Report of Analysis

Client:		Date Collected:	2/12/2024 12:00:00 AM
Project:		Date Received:	2/12/2024 12:00:00 AM
Client Sample ID:	TP-2	SDG No.:	BP021424
Lab Sample ID:	P1461-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	10.4
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
BP019702.D	1	2/13/2024 12:00:00 AM	2/14/2024 12:00:00 AM	PB158998

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-87-5	Benidine	130	U	130	180	220	ug/Kg
129-00-0	Pyrene	56	U	56	87	110	ug/Kg
85-68-7	Butylbenzylphthalate	68.9	U	68.9	87	110	ug/Kg
91-94-1	3,3-Dichlorobenzidine	110	U	110	180	220	ug/Kg
56-55-3	Benzo(a)anthracene	56.1	U	56.1	87	110	ug/Kg
218-01-9	Chrysene	58.1	U	58.1	87	110	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	76.9	U	76.9	87	110	ug/Kg
117-84-0	Di-n-octyl phthalate	82.3	U	82.3	180	220	ug/Kg
205-99-2	Benzo(b)fluoranthene	53.7	U	53.7	87	110	ug/Kg
207-08-9	Benzo(k)fluoranthene	58.9	U	58.9	87	110	ug/Kg
50-32-8	Benzo(a)pyrene	63.1	U	63.1	87	110	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	71.6	U	71.6	87	110	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	64.6	U	64.6	87	110	ug/Kg
191-24-2	Benzo(g,h,i)perylene	61.9	U	61.9	87	110	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	59.8	U	59.8	87	110	ug/Kg
123-91-1	1,4-Dioxane	78.3	U	78.3	87	110	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	55.5	U	55.5	87	110	ug/Kg
90-12-0	1-Methylnaphthalene	60.3	U	60.3	110	110	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	80.399		18-112		54	SPK: -150
13127-88-3	Phenol-d6	73.231		15-107		49	SPK: -150
4165-60-0	Nitrobenzene-d5	55.152		18-107		55	SPK: -100
321-60-8	2-Fluorobiphenyl	59.571		20-109		60	SPK: -100
118-79-6	2,4,6-Tribromophenol	98.115		10-110		65	SPK: -150
1718-51-0	Terphenyl-d14	61.094		14-112		61	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	64104	7.905				
1146-65-2	Naphthalene-d8	222251	10.704				
15067-26-2	Acenaphthene-d10	133610	14.534				
1517-22-2	Phenanthrene-d10	302431	17.292				
1719-03-5	Chrysene-d12	294185	21.386				
1520-96-3	Perylene-d12	340196	23.804				



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Report of Analysis

Client:		Date Collected:	2/12/2024 12:00:00 AM
Project:		Date Received:	2/12/2024 12:00:00 AM
Client Sample ID:	TP-2	SDG No.:	BP021424
Lab Sample ID:	P1461-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	10.4
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
BP019702.D	1	2/13/2024 12:00:00 AM	2/14/2024 12:00:00 AM	PB158998

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TENTATIVE IDENTIFIED COMPOUNDS							
000123-42-2	2-Pentanone, 4-hydroxy-4-methyl-	93.9	A			5.022	
000057-10-3	n-Hexadecanoic acid	160	J			18.186	
000057-11-4	Octadecanoic acid	48.4	J			19.428	
297758-19-1	Acridin-9-amine, 1,2,3,4-tetrahydr	100	J			20.392	
000506-51-4	n-Tetracosanol-1	98.3	J			21.11	

Report of Analysis

Client:		Date Collected:	2/12/2024 12:00:00 AM
Project:		Date Received:	2/12/2024 12:00:00 AM
Client Sample ID:	TP-1	SDG No.:	BP021424
Lab Sample ID:	P1461-04	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	8.9
Sample Wt/Vol:	50.09	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
BP019703.D	1	2/13/2024 12:00:00 AM	2/14/2024 12:00:00 AM	PB158998

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	50.8	U	50.8	180	220	ug/Kg
110-86-1	Pyridine	47.6	U	47.6	85.5	110	ug/Kg
100-52-7	Benzaldehyde	97.3	U	97.3	180	220	ug/Kg
62-53-3	Aniline	76.9	U	76.9	85.5	110	ug/Kg
108-95-2	Phenol	48.9	U	48.9	85.5	110	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	59	U	59	85.5	110	ug/Kg
95-57-8	2-Chlorophenol	47.3	U	47.3	85.5	110	ug/Kg
95-50-1	1,2-Dichlorobenzene	53.7	U	53.7	85.5	110	ug/Kg
541-73-1	1,3-Dichlorobenzene	58.2	U	58.2	85.5	110	ug/Kg
106-46-7	1,4-Dichlorobenzene	54.2	U	54.2	85.5	110	ug/Kg
100-51-6	Benzyl Alcohol	65	U	65	180	220	ug/Kg
95-48-7	2-Methylphenol	74.9	U	74.9	85.5	110	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	69	U	69	85.5	110	ug/Kg
98-86-2	Acetophenone	57	U	57	85.5	110	ug/Kg
65794-96-9	3+4-Methylphenols	71	U	71	180	220	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	38.8	U	38.8	52.6	52.6	ug/Kg
67-72-1	Hexachloroethane	48.4	U	48.4	85.5	110	ug/Kg
98-95-3	Nitrobenzene	49.4	U	49.4	85.5	110	ug/Kg
78-59-1	Isophorone	44.8	U	44.8	85.5	110	ug/Kg
88-75-5	2-Nitrophenol	62.5	U	62.5	85.5	110	ug/Kg
105-67-9	2,4-Dimethylphenol	65.5	U	65.5	85.5	110	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	73.6	U	73.6	85.5	110	ug/Kg
120-83-2	2,4-Dichlorophenol	51.3	U	51.3	85.5	110	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	51	U	51	85.5	110	ug/Kg
65-85-0	Benzoic acid	140	U	140	180	220	ug/Kg
91-20-3	Naphthalene	53.5	U	53.5	85.5	110	ug/Kg
106-47-8	4-Chloroaniline	69	U	69	85.5	110	ug/Kg
87-68-3	Hexachlorobutadiene	55.2	U	55.2	85.5	110	ug/Kg
105-60-2	Caprolactam	76.9	U	76.9	180	220	ug/Kg
59-50-7	4-Chloro-3-methylphenol	54.2	U	54.2	85.5	110	ug/Kg
91-57-6	2-Methylnaphthalene	62.4	U	62.4	85.5	110	ug/Kg

Report of Analysis

Client:		Date Collected:	2/12/2024 12:00:00 AM
Project:		Date Received:	2/12/2024 12:00:00 AM
Client Sample ID:	TP-1	SDG No.:	BP021424
Lab Sample ID:	P1461-04	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	8.9
Sample Wt/Vol:	50.09	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
BP019703.D	1	2/13/2024 12:00:00 AM	2/14/2024 12:00:00 AM	PB158998

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
77-47-4	Hexachlorocyclopentadiene	140	U	140	180	220	ug/Kg
88-06-2	2,4,6-Trichlorophenol	50.7	U	50.7	85.5	110	ug/Kg
95-95-4	2,4,5-Trichlorophenol	57.8	U	57.8	85.5	110	ug/Kg
92-52-4	1,1-Biphenyl	60	U	60	85.5	110	ug/Kg
91-58-7	2-Chloronaphthalene	55.6	U	55.6	85.5	110	ug/Kg
88-74-4	2-Nitroaniline	65.3	U	65.3	85.5	110	ug/Kg
131-11-3	Dimethylphthalate	58.4	U	58.4	85.5	110	ug/Kg
208-96-8	Acenaphthylene	58.1	U	58.1	85.5	110	ug/Kg
606-20-2	2,6-Dinitrotoluene	59.2	U	59.2	85.5	110	ug/Kg
99-09-2	3-Nitroaniline	61.4	U	61.4	85.5	110	ug/Kg
83-32-9	Acenaphthene	52.8	U	52.8	85.5	110	ug/Kg
Total PAH	Total PAH	944.8	U	944.8	85.5	1760	ug/Kg
51-28-5	2,4-Dinitrophenol	120	U	120	180	220	ug/Kg
100-02-7	4-Nitrophenol	74.9	U	74.9	180	220	ug/Kg
132-64-9	Dibenzofuran	50.6	U	50.6	85.5	110	ug/Kg
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	124.9	U	124.9	85.5	220	ug/Kg
121-14-2	2,4-Dinitrotoluene	65.7	U	65.7	85.5	110	ug/Kg
84-66-2	Diethylphthalate	56.5	U	56.5	85.5	110	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	59.4	U	59.4	85.5	110	ug/Kg
86-73-7	Fluorene	55.8	U	55.8	85.5	110	ug/Kg
100-01-6	4-Nitroaniline	68.4	U	68.4	85.5	110	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	57.7	U	57.7	180	220	ug/Kg
86-30-6	n-Nitrosodiphenylamine	61.3	U	61.3	85.5	110	ug/Kg
103-33-3	Azobenzene	48.3	U	48.3	85.5	110	ug/Kg
101-55-3	4-Bromophenyl-phenylether	64	U	64	85.5	110	ug/Kg
118-74-1	Hexachlorobenzene	65	U	65	85.5	110	ug/Kg
1912-24-9	Atrazine	62.7	U	62.7	85.5	110	ug/Kg
87-86-5	Pentachlorophenol	73	U	73	180	220	ug/Kg
85-01-8	Phenanthrene	60.9	U	60.9	85.5	110	ug/Kg
120-12-7	Anthracene	67.1	U	67.1	85.5	110	ug/Kg
86-74-8	Carbazole	55.8	U	55.8	85.5	110	ug/Kg
84-74-2	Di-n-butylphthalate	68.4	U	68.4	85.5	110	ug/Kg
206-44-0	Fluoranthene	62.1	U	62.1	85.5	110	ug/Kg

Report of Analysis

Client:		Date Collected:	2/12/2024 12:00:00 AM
Project:		Date Received:	2/12/2024 12:00:00 AM
Client Sample ID:	TP-1	SDG No.:	BP021424
Lab Sample ID:	P1461-04	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	8.9
Sample Wt/Vol:	50.09	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
BP019703.D	1	2/13/2024 12:00:00 AM	2/14/2024 12:00:00 AM	PB158998

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-87-5	Benidine	130	U	130	180	220	ug/Kg
129-00-0	Pyrene	55	U	55	85.5	110	ug/Kg
85-68-7	Butylbenzylphthalate	67.7	U	67.7	85.5	110	ug/Kg
91-94-1	3,3-Dichlorobenzidine	110	U	110	180	220	ug/Kg
56-55-3	Benzo(a)anthracene	55.2	U	55.2	85.5	110	ug/Kg
218-01-9	Chrysene	57.1	U	57.1	85.5	110	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	75.6	U	75.6	85.5	110	ug/Kg
117-84-0	Di-n-octyl phthalate	80.9	U	80.9	180	220	ug/Kg
205-99-2	Benzo(b)fluoranthene	52.8	U	52.8	85.5	110	ug/Kg
207-08-9	Benzo(k)fluoranthene	57.9	U	57.9	85.5	110	ug/Kg
50-32-8	Benzo(a)pyrene	62	U	62	85.5	110	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	70.3	U	70.3	85.5	110	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	63.4	U	63.4	85.5	110	ug/Kg
191-24-2	Benzo(g,h,i)perylene	60.8	U	60.8	85.5	110	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	58.8	U	58.8	85.5	110	ug/Kg
123-91-1	1,4-Dioxane	76.9	U	76.9	85.5	110	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	54.5	U	54.5	85.5	110	ug/Kg
90-12-0	1-Methylnaphthalene	59.3	U	59.3	110	110	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	93.499		18-112		62	SPK: -150
13127-88-3	Phenol-d6	88.753		15-107		59	SPK: -150
4165-60-0	Nitrobenzene-d5	61.59		18-107		62	SPK: -100
321-60-8	2-Fluorobiphenyl	61.765		20-109		62	SPK: -100
118-79-6	2,4,6-Tribromophenol	123.272		10-110		82	SPK: -150
1718-51-0	Terphenyl-d14	65.546		14-112		66	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	63696	7.905				
1146-65-2	Naphthalene-d8	232083	10.705				
15067-26-2	Acenaphthene-d10	156695	14.534				
1517-22-2	Phenanthrene-d10	375391	17.292				
1719-03-5	Chrysene-d12	393519	21.386				
1520-96-3	Perylene-d12	437953	23.804				



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

Report of Analysis

Client:		Date Collected:	2/12/2024 12:00:00 AM
Project:		Date Received:	2/12/2024 12:00:00 AM
Client Sample ID:	TP-1	SDG No.:	BP021424
Lab Sample ID:	P1461-04	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	8.9
Sample Wt/Vol:	50.09	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
BP019703.D	1	2/13/2024 12:00:00 AM	2/14/2024 12:00:00 AM	PB158998

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TENTATIVE IDENTIFIED COMPOUNDS							
004254-14-2	R-(-)-1,2-propanediol	56.3	J			3.628	
000123-42-2	2-Pentanone, 4-hydroxy-4-methyl-	100	A			5.022	
000057-10-3	n-Hexadecanoic acid	170	J			18.192	
000057-11-4	Octadecanoic acid	44.3	J			19.428	
010192-32-2	1-Tetracosene	90.1	J			21.11	

Report of Analysis

Client:		Date Collected:	2/12/2024 12:00:00 AM
Project:		Date Received:	2/12/2024 12:00:00 AM
Client Sample ID:	TP-1MS	SDG No.:	BP021424
Lab Sample ID:	P1461-04MS	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	8.9
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
BP019704.D	1	2/13/2024 12:00:00 AM	2/14/2024 12:00:00 AM	PB158998

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	980		50.9	180	220	ug/Kg
110-86-1	Pyridine	820		47.7	85.6	110	ug/Kg
100-52-7	Benzaldehyde	260		97.4	180	220	ug/Kg
62-53-3	Aniline	560		77	85.6	110	ug/Kg
108-95-2	Phenol	990		49	85.6	110	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	950		59.1	85.6	110	ug/Kg
95-57-8	2-Chlorophenol	1000		47.4	85.6	110	ug/Kg
95-50-1	1,2-Dichlorobenzene	970		53.8	85.6	110	ug/Kg
541-73-1	1,3-Dichlorobenzene	960		58.3	85.6	110	ug/Kg
106-46-7	1,4-Dichlorobenzene	980		54.2	85.6	110	ug/Kg
100-51-6	Benzyl Alcohol	990		65	180	220	ug/Kg
95-48-7	2-Methylphenol	980		75	85.6	110	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	900		69.1	85.6	110	ug/Kg
98-86-2	Acetophenone	990		57.1	85.6	110	ug/Kg
65794-96-9	3+4-Methylphenols	980		71.1	180	220	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	890		38.8	52.7	52.7	ug/Kg
67-72-1	Hexachloroethane	940		48.4	85.6	110	ug/Kg
98-95-3	Nitrobenzene	920		49.5	85.6	110	ug/Kg
78-59-1	Isophorone	950		44.8	85.6	110	ug/Kg
88-75-5	2-Nitrophenol	1100		62.6	85.6	110	ug/Kg
105-67-9	2,4-Dimethylphenol	1200		65.6	85.6	110	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	950		73.7	85.6	110	ug/Kg
120-83-2	2,4-Dichlorophenol	1100		51.4	85.6	110	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	1000		51	85.6	110	ug/Kg
65-85-0	Benzoic acid	1200		140	180	220	ug/Kg
91-20-3	Naphthalene	980		53.6	85.6	110	ug/Kg
106-47-8	4-Chloroaniline	310		69.1	85.6	110	ug/Kg
87-68-3	Hexachlorobutadiene	990		55.3	85.6	110	ug/Kg
105-60-2	Caprolactam	1200		77	180	220	ug/Kg
59-50-7	4-Chloro-3-methylphenol	1100		54.3	85.6	110	ug/Kg
91-57-6	2-Methylnaphthalene	1000		62.5	85.6	110	ug/Kg

Report of Analysis

Client:		Date Collected:	2/12/2024 12:00:00 AM
Project:		Date Received:	2/12/2024 12:00:00 AM
Client Sample ID:	TP-1MS	SDG No.:	BP021424
Lab Sample ID:	P1461-04MS	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	8.9
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
BP019704.D	1	2/13/2024 12:00:00 AM	2/14/2024 12:00:00 AM	PB158998

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
77-47-4	Hexachlorocyclopentadiene	2400	E	140	180	220	ug/Kg
88-06-2	2,4,6-Trichlorophenol	1100		50.7	85.6	110	ug/Kg
95-95-4	2,4,5-Trichlorophenol	1100		57.9	85.6	110	ug/Kg
92-52-4	1,1-Biphenyl	990		60.1	85.6	110	ug/Kg
91-58-7	2-Chloronaphthalene	980		55.7	85.6	110	ug/Kg
88-74-4	2-Nitroaniline	1100		65.4	85.6	110	ug/Kg
131-11-3	Dimethylphthalate	1100		58.5	85.6	110	ug/Kg
208-96-8	Acenaphthylene	1100		58.2	85.6	110	ug/Kg
606-20-2	2,6-Dinitrotoluene	1100		59.2	85.6	110	ug/Kg
99-09-2	3-Nitroaniline	720		61.5	85.6	110	ug/Kg
83-32-9	Acenaphthene	1000		52.9	85.6	110	ug/Kg
Total PAH	Total PAH	17070		945.9	85.6	1760	ug/Kg
51-28-5	2,4-Dinitrophenol	2400	E	120	180	220	ug/Kg
100-02-7	4-Nitrophenol	2500	E	75	180	220	ug/Kg
132-64-9	Dibenzofuran	1100		50.6	85.6	110	ug/Kg
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	2300		125	85.6	220	ug/Kg
121-14-2	2,4-Dinitrotoluene	1200		65.8	85.6	110	ug/Kg
84-66-2	Diethylphthalate	1100		56.5	85.6	110	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	1100		59.5	85.6	110	ug/Kg
86-73-7	Fluorene	1100		55.8	85.6	110	ug/Kg
100-01-6	4-Nitroaniline	1100		68.5	85.6	110	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	1100		57.8	180	220	ug/Kg
86-30-6	n-Nitrosodiphenylamine	1000		61.4	85.6	110	ug/Kg
103-33-3	Azobenzene	1000		48.4	85.6	110	ug/Kg
101-55-3	4-Bromophenyl-phenylether	1000		64.1	85.6	110	ug/Kg
118-74-1	Hexachlorobenzene	1000		65	85.6	110	ug/Kg
1912-24-9	Atrazine	1300		62.8	85.6	110	ug/Kg
87-86-5	Pentachlorophenol	2300	E	73.1	180	220	ug/Kg
85-01-8	Phenanthrene	1100		61	85.6	110	ug/Kg
120-12-7	Anthracene	1100		67.1	85.6	110	ug/Kg
86-74-8	Carbazole	1100		55.9	85.6	110	ug/Kg
84-74-2	Di-n-butylphthalate	1000		68.5	85.6	110	ug/Kg
206-44-0	Fluoranthene	1200		62.1	85.6	110	ug/Kg

Report of Analysis

Client:		Date Collected:	2/12/2024 12:00:00 AM
Project:		Date Received:	2/12/2024 12:00:00 AM
Client Sample ID:	TP-1MS	SDG No.:	BP021424
Lab Sample ID:	P1461-04MS	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	8.9
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
BP019704.D	1	2/13/2024 12:00:00 AM	2/14/2024 12:00:00 AM	PB158998

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-87-5	Benidine	1300		130	180	220	ug/Kg
129-00-0	Pyrene	1100		55.1	85.6	110	ug/Kg
85-68-7	Butylbenzylphthalate	1000		67.8	85.6	110	ug/Kg
91-94-1	3,3-Dichlorobenzidine	840		110	180	220	ug/Kg
56-55-3	Benzo(a)anthracene	1100		55.2	85.6	110	ug/Kg
218-01-9	Chrysene	1100		57.1	85.6	110	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	1000		75.7	85.6	110	ug/Kg
117-84-0	Di-n-octyl phthalate	990		81	180	220	ug/Kg
205-99-2	Benzo(b)fluoranthene	1100		52.9	85.6	110	ug/Kg
207-08-9	Benzo(k)fluoranthene	1000		58	85.6	110	ug/Kg
50-32-8	Benzo(a)pyrene	1100		62.1	85.6	110	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	1000		70.4	85.6	110	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	1000		63.5	85.6	110	ug/Kg
191-24-2	Benzo(g,h,i)perylene	990		60.9	85.6	110	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	1000		58.8	85.6	110	ug/Kg
123-91-1	1,4-Dioxane	850		77	85.6	110	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	1300		54.6	85.6	110	ug/Kg
90-12-0	1-Methylnaphthalene	970		59.4	110	110	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	95.656		18-112		64	SPK: -150
13127-88-3	Phenol-d6	91.897		15-107		61	SPK: -150
4165-60-0	Nitrobenzene-d5	61.999		18-107		62	SPK: -100
321-60-8	2-Fluorobiphenyl	63.734		20-109		64	SPK: -100
118-79-6	2,4,6-Tribromophenol	124.196		10-110		83	SPK: -150
1718-51-0	Terphenyl-d14	65.759		14-112		66	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	67015	7.904				
1146-65-2	Naphthalene-d8	243463	10.704				
15067-26-2	Acenaphthene-d10	161147	14.539				
1517-22-2	Phenanthrene-d10	384069	17.292				
1719-03-5	Chrysene-d12	393735	21.386				
1520-96-3	Perylene-d12	455425	23.809				



Report of Analysis

Client:		Date Collected:	2/12/2024 12:00:00 AM
Project:		Date Received:	2/12/2024 12:00:00 AM
Client Sample ID:	TP-1MS	SDG No.:	BP021424
Lab Sample ID:	P1461-04MS	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	8.9
Sample Wt/Vol:	50.03	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
BP019704.D	1	2/13/2024 12:00:00 AM	2/14/2024 12:00:00 AM	PB158998

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

Client:		Date Collected:	2/12/2024 12:00:00 AM
Project:		Date Received:	2/12/2024 12:00:00 AM
Client Sample ID:	TP-1MSD	SDG No.:	BP021424
Lab Sample ID:	P1461-04MSD	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	8.9
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
BP019705.D	1	2/13/2024 12:00:00 AM	2/14/2024 12:00:00 AM	PB158998

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	880		50.9	180	220	ug/Kg
110-86-1	Pyridine	740		47.6	85.5	110	ug/Kg
100-52-7	Benzaldehyde	230		97.4	180	220	ug/Kg
62-53-3	Aniline	530		77	85.5	110	ug/Kg
108-95-2	Phenol	860		49	85.5	110	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	840		59.1	85.5	110	ug/Kg
95-57-8	2-Chlorophenol	910		47.4	85.5	110	ug/Kg
95-50-1	1,2-Dichlorobenzene	860		53.8	85.5	110	ug/Kg
541-73-1	1,3-Dichlorobenzene	880		58.2	85.5	110	ug/Kg
106-46-7	1,4-Dichlorobenzene	870		54.2	85.5	110	ug/Kg
100-51-6	Benzyl Alcohol	870		65	180	220	ug/Kg
95-48-7	2-Methylphenol	870		75	85.5	110	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	810		69.1	85.5	110	ug/Kg
98-86-2	Acetophenone	860		57	85.5	110	ug/Kg
65794-96-9	3+4-Methylphenols	860		71.1	180	220	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	790		38.8	52.6	52.6	ug/Kg
67-72-1	Hexachloroethane	830		48.4	85.5	110	ug/Kg
98-95-3	Nitrobenzene	830		49.5	85.5	110	ug/Kg
78-59-1	Isophorone	840		44.8	85.5	110	ug/Kg
88-75-5	2-Nitrophenol	970		62.6	85.5	110	ug/Kg
105-67-9	2,4-Dimethylphenol	1000		65.5	85.5	110	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	840		73.7	85.5	110	ug/Kg
120-83-2	2,4-Dichlorophenol	940		51.4	85.5	110	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	890		51	85.5	110	ug/Kg
65-85-0	Benzoic acid	970		140	180	220	ug/Kg
91-20-3	Naphthalene	870		53.6	85.5	110	ug/Kg
106-47-8	4-Chloroaniline	230		69.1	85.5	110	ug/Kg
87-68-3	Hexachlorobutadiene	870		55.3	85.5	110	ug/Kg
105-60-2	Caprolactam	1000		77	180	220	ug/Kg
59-50-7	4-Chloro-3-methylphenol	930		54.3	85.5	110	ug/Kg
91-57-6	2-Methylnaphthalene	870		62.4	85.5	110	ug/Kg

Report of Analysis

Client:		Date Collected:	2/12/2024 12:00:00 AM
Project:		Date Received:	2/12/2024 12:00:00 AM
Client Sample ID:	TP-1MSD	SDG No.:	BP021424
Lab Sample ID:	P1461-04MSD	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	8.9
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
BP019705.D	1	2/13/2024 12:00:00 AM	2/14/2024 12:00:00 AM	PB158998

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
77-47-4	Hexachlorocyclopentadiene	2400	E	140	180	220	ug/Kg
88-06-2	2,4,6-Trichlorophenol	980		50.7	85.5	110	ug/Kg
95-95-4	2,4,5-Trichlorophenol	990		57.8	85.5	110	ug/Kg
92-52-4	1,1-Biphenyl	890		60.1	85.5	110	ug/Kg
91-58-7	2-Chloronaphthalene	880		55.7	85.5	110	ug/Kg
88-74-4	2-Nitroaniline	960		65.3	85.5	110	ug/Kg
131-11-3	Dimethylphthalate	950		58.5	85.5	110	ug/Kg
208-96-8	Acenaphthylene	1000		58.2	85.5	110	ug/Kg
606-20-2	2,6-Dinitrotoluene	960		59.2	85.5	110	ug/Kg
99-09-2	3-Nitroaniline	650		61.5	85.5	110	ug/Kg
83-32-9	Acenaphthene	910		52.8	85.5	110	ug/Kg
Total PAH	Total PAH	15130		945.6	85.5	1760	ug/Kg
51-28-5	2,4-Dinitrophenol	2200	E	120	180	220	ug/Kg
100-02-7	4-Nitrophenol	2200	E	75	180	220	ug/Kg
132-64-9	Dibenzofuran	960		50.6	85.5	110	ug/Kg
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	960		124.9	85.5	220	ug/Kg
121-14-2	2,4-Dinitrotoluene	1000		65.7	85.5	110	ug/Kg
84-66-2	Diethylphthalate	950		56.5	85.5	110	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	960		59.5	85.5	110	ug/Kg
86-73-7	Fluorene	960		55.8	85.5	110	ug/Kg
100-01-6	4-Nitroaniline	1000		68.4	85.5	110	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	990		57.8	180	220	ug/Kg
86-30-6	n-Nitrosodiphenylamine	900		61.4	85.5	110	ug/Kg
103-33-3	Azobenzene	910		48.4	85.5	110	ug/Kg
101-55-3	4-Bromophenyl-phenylether	910		64.1	85.5	110	ug/Kg
118-74-1	Hexachlorobenzene	900		65	85.5	110	ug/Kg
1912-24-9	Atrazine	1100		62.8	85.5	110	ug/Kg
87-86-5	Pentachlorophenol	2000	E	73	180	220	ug/Kg
85-01-8	Phenanthrene	960		61	85.5	110	ug/Kg
120-12-7	Anthracene	980		67.1	85.5	110	ug/Kg
86-74-8	Carbazole	960		55.9	85.5	110	ug/Kg
84-74-2	Di-n-butylphthalate	910		68.4	85.5	110	ug/Kg
206-44-0	Fluoranthene	1000		62.1	85.5	110	ug/Kg

Report of Analysis

Client:		Date Collected:	2/12/2024 12:00:00 AM
Project:		Date Received:	2/12/2024 12:00:00 AM
Client Sample ID:	TP-1MSD	SDG No.:	BP021424
Lab Sample ID:	P1461-04MSD	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	8.9
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
BP019705.D	1	2/13/2024 12:00:00 AM	2/14/2024 12:00:00 AM	PB158998

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-87-5	Benidine	1100		130	180	220	ug/Kg
129-00-0	Pyrene	900		55.1	85.5	110	ug/Kg
85-68-7	Butylbenzylphthalate	860		67.8	85.5	110	ug/Kg
91-94-1	3,3-Dichlorobenzidine	760		110	180	220	ug/Kg
56-55-3	Benzo(a)anthracene	960		55.2	85.5	110	ug/Kg
218-01-9	Chrysene	950		57.1	85.5	110	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	800		75.7	85.5	110	ug/Kg
117-84-0	Di-n-octyl phthalate	820		80.9	180	220	ug/Kg
205-99-2	Benzo(b)fluoranthene	920		52.8	85.5	110	ug/Kg
207-08-9	Benzo(k)fluoranthene	930		58	85.5	110	ug/Kg
50-32-8	Benzo(a)pyrene	960		62	85.5	110	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	970		70.4	85.5	110	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	940		63.5	85.5	110	ug/Kg
191-24-2	Benzo(g,h,i)perylene	920		60.9	85.5	110	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	950		58.8	85.5	110	ug/Kg
123-91-1	1,4-Dioxane	770		77	85.5	110	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	1100		54.5	85.5	110	ug/Kg
90-12-0	1-Methylnaphthalene	850		59.3	110	110	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	86.802		18-112		58	SPK: -150
13127-88-3	Phenol-d6	81.252		15-107		54	SPK: -150
4165-60-0	Nitrobenzene-d5	55.749		18-107		56	SPK: -100
321-60-8	2-Fluorobiphenyl	57.666		20-109		58	SPK: -100
118-79-6	2,4,6-Tribromophenol	107.372		10-110		72	SPK: -150
1718-51-0	Terphenyl-d14	54.614		14-112		55	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	61825	7.899				
1146-65-2	Naphthalene-d8	224507	10.699				
15067-26-2	Acenaphthene-d10	141258	14.534				
1517-22-2	Phenanthrene-d10	325965	17.292				
1719-03-5	Chrysene-d12	353333	21.386				
1520-96-3	Perylene-d12	444319	23.804				



Report of Analysis

Client:		Date Collected:	2/12/2024 12:00:00 AM
Project:		Date Received:	2/12/2024 12:00:00 AM
Client Sample ID:	TP-1MSD	SDG No.:	BP021424
Lab Sample ID:	P1461-04MSD	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	8.9
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
BP019705.D	1	2/13/2024 12:00:00 AM	2/14/2024 12:00:00 AM	PB158998

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

Client:		Date Collected:	2/9/2024 12:00:00 AM
Project:		Date Received:	2/9/2024 12:00:00 AM
Client Sample ID:	ETGI-362	SDG No.:	BP021424
Lab Sample ID:	P1449-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	14.4
Sample Wt/Vol:	50.04	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
BP019706.D	1	2/12/2024 12:00:00 AM	2/14/2024 12:00:00 AM	PB158973

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	54.1	U	54.1	190	230	ug/Kg
110-86-1	Pyridine	50.7	U	50.7	91	120	ug/Kg
100-52-7	Benzaldehyde	100	U	100	190	230	ug/Kg
62-53-3	Aniline	81.9	U	81.9	91	120	ug/Kg
108-95-2	Phenol	52.1	U	52.1	91	120	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	62.9	U	62.9	91	120	ug/Kg
95-57-8	2-Chlorophenol	50.4	U	50.4	91	120	ug/Kg
95-50-1	1,2-Dichlorobenzene	57.2	U	57.2	91	120	ug/Kg
541-73-1	1,3-Dichlorobenzene	62	U	62	91	120	ug/Kg
106-46-7	1,4-Dichlorobenzene	57.7	U	57.7	91	120	ug/Kg
100-51-6	Benzyl Alcohol	69.2	U	69.2	190	230	ug/Kg
95-48-7	2-Methylphenol	79.8	U	79.8	91	120	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	73.5	U	73.5	91	120	ug/Kg
98-86-2	Acetophenone	60.7	U	60.7	91	120	ug/Kg
65794-96-9	3+4-Methylphenols	75.6	U	75.6	190	230	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	41.3	U	41.3	56	56	ug/Kg
67-72-1	Hexachloroethane	51.5	U	51.5	91	120	ug/Kg
98-95-3	Nitrobenzene	52.7	U	52.7	91	120	ug/Kg
78-59-1	Isophorone	47.7	U	47.7	91	120	ug/Kg
88-75-5	2-Nitrophenol	66.6	U	66.6	91	120	ug/Kg
105-67-9	2,4-Dimethylphenol	69.8	U	69.8	91	120	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	78.4	U	78.4	91	120	ug/Kg
120-83-2	2,4-Dichlorophenol	54.7	U	54.7	91	120	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	54.3	U	54.3	91	120	ug/Kg
65-85-0	Benzoic acid	150	U	150	190	230	ug/Kg
91-20-3	Naphthalene	57	U	57	91	120	ug/Kg
106-47-8	4-Chloroaniline	73.5	U	73.5	91	120	ug/Kg
87-68-3	Hexachlorobutadiene	58.8	U	58.8	91	120	ug/Kg
105-60-2	Caprolactam	81.9	U	81.9	190	230	ug/Kg
59-50-7	4-Chloro-3-methylphenol	57.8	U	57.8	91	120	ug/Kg
91-57-6	2-Methylnaphthalene	66.5	U	66.5	91	120	ug/Kg

Report of Analysis

Client:		Date Collected:	2/9/2024 12:00:00 AM
Project:		Date Received:	2/9/2024 12:00:00 AM
Client Sample ID:	ETGI-362	SDG No.:	BP021424
Lab Sample ID:	P1449-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	14.4
Sample Wt/Vol:	50.04	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
BP019706.D	1	2/12/2024 12:00:00 AM	2/14/2024 12:00:00 AM	PB158973

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
77-47-4	Hexachlorocyclopentadiene	150	U	150	190	230	ug/Kg
88-06-2	2,4,6-Trichlorophenol	54	U	54	91	120	ug/Kg
95-95-4	2,4,5-Trichlorophenol	61.6	U	61.6	91	120	ug/Kg
92-52-4	1,1-Biphenyl	63.9	U	63.9	91	120	ug/Kg
91-58-7	2-Chloronaphthalene	59.3	U	59.3	91	120	ug/Kg
88-74-4	2-Nitroaniline	69.5	U	69.5	91	120	ug/Kg
131-11-3	Dimethylphthalate	62.3	U	62.3	91	120	ug/Kg
208-96-8	Acenaphthylene	61.9	U	61.9	91	120	ug/Kg
606-20-2	2,6-Dinitrotoluene	63	U	63	91	120	ug/Kg
99-09-2	3-Nitroaniline	65.4	U	65.4	91	120	ug/Kg
83-32-9	Acenaphthene	56.2	U	56.2	91	120	ug/Kg
Total PAH	Total PAH	1874.9	U	1006.3	91	1920	ug/Kg
51-28-5	2,4-Dinitrophenol	130	U	130	190	230	ug/Kg
100-02-7	4-Nitrophenol	79.8	U	79.8	190	230	ug/Kg
132-64-9	Dibenzofuran	53.9	U	53.9	91	120	ug/Kg
121-14-2	2,4-Dinitrotoluene	70	U	70	91	120	ug/Kg
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	33	U	133	91	240	ug/Kg
84-66-2	Diethylphthalate	60.2	U	60.2	91	120	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	63.3	U	63.3	91	120	ug/Kg
86-73-7	Fluorene	59.4	U	59.4	91	120	ug/Kg
100-01-6	4-Nitroaniline	72.8	U	72.8	91	120	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	61.5	U	61.5	190	230	ug/Kg
86-30-6	n-Nitrosodiphenylamine	65.3	U	65.3	91	120	ug/Kg
103-33-3	Azobenzene	51.5	U	51.5	91	120	ug/Kg
101-55-3	4-Bromophenyl-phenylether	68.2	U	68.2	91	120	ug/Kg
118-74-1	Hexachlorobenzene	69.2	U	69.2	91	120	ug/Kg
1912-24-9	Atrazine	66.8	U	66.8	91	120	ug/Kg
87-86-5	Pentachlorophenol	77.7	U	77.7	190	230	ug/Kg
85-01-8	Phenanthrene	180		64.9	91	120	ug/Kg
120-12-7	Anthracene	71.4	U	71.4	91	120	ug/Kg
86-74-8	Carbazole	59.5	U	59.5	91	120	ug/Kg
84-74-2	Di-n-butylphthalate	72.8	U	72.8	91	120	ug/Kg
206-44-0	Fluoranthene	390		66.1	91	120	ug/Kg

Report of Analysis

Client:		Date Collected:	2/9/2024 12:00:00 AM
Project:		Date Received:	2/9/2024 12:00:00 AM
Client Sample ID:	ETGI-362	SDG No.:	BP021424
Lab Sample ID:	P1449-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	14.4
Sample Wt/Vol:	50.04	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
BP019706.D	1	2/12/2024 12:00:00 AM	2/14/2024 12:00:00 AM	PB158973

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-87-5	Benidine	140	U	140	190	230	ug/Kg
129-00-0	Pyrene	310		58.6	91	120	ug/Kg
85-68-7	Butylbenzylphthalate	72.1	U	72.1	91	120	ug/Kg
91-94-1	3,3-Dichlorobenzidine	110	U	110	190	230	ug/Kg
56-55-3	Benzo(a)anthracene	170		58.8	91	120	ug/Kg
218-01-9	Chrysene	180		60.8	91	120	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	80.5	U	80.5	91	120	ug/Kg
117-84-0	Di-n-octyl phthalate	86.1	U	86.1	190	230	ug/Kg
205-99-2	Benzo(b)fluoranthene	220		56.2	91	120	ug/Kg
207-08-9	Benzo(k)fluoranthene	76.5	J	61.7	91	120	ug/Kg
50-32-8	Benzo(a)pyrene	170		66	91	120	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	84	J	74.9	91	120	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	67.6	U	67.6	91	120	ug/Kg
191-24-2	Benzo(g,h,i)perylene	94.4	J	64.8	91	120	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	62.6	U	62.6	91	120	ug/Kg
123-91-1	1,4-Dioxane	81.9	U	81.9	91	120	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	58.1	U	58.1	91	120	ug/Kg
90-12-0	1-Methylnaphthalene	63.2	U	63.2	120	120	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	82.974		18-112		55	SPK: -150
13127-88-3	Phenol-d6	79.867		15-107		53	SPK: -150
4165-60-0	Nitrobenzene-d5	52.766		18-107		53	SPK: -100
321-60-8	2-Fluorobiphenyl	52.673		20-109		53	SPK: -100
118-79-6	2,4,6-Tribromophenol	111.653		10-110		74	SPK: -150
1718-51-0	Terphenyl-d14	54.241		14-112		54	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	74089	7.904				
1146-65-2	Naphthalene-d8	279361	10.704				
15067-26-2	Acenaphthene-d10	189195	14.533				
1517-22-2	Phenanthrene-d10	455308	17.292				
1719-03-5	Chrysene-d12	450574	21.386				
1520-96-3	Perylene-d12	509289	23.798				



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Report of Analysis

Client:		Date Collected:	2/9/2024 12:00:00 AM
Project:		Date Received:	2/9/2024 12:00:00 AM
Client Sample ID:	ETGI-362	SDG No.:	BP021424
Lab Sample ID:	P1449-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	14.4
Sample Wt/Vol:	50.04	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
BP019706.D	1	2/12/2024 12:00:00 AM	2/14/2024 12:00:00 AM	PB158973

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TENTATIVE IDENTIFIED COMPOUNDS							
000057-55-6	Propylene Glycol	120	J			3.628	
000770-35-4	1-Phenoxypropan-2-ol	56.5	J			11.457	
	unknown	14.763	J			14.763	
000057-10-3	n-Hexadecanoic acid	190	J			18.192	
000203-64-5	4H-Cyclopenta[def]phenanthrene	59.5	J			18.345	
015594-90-8	1-Heneicosanol	100	J			21.11	
000192-97-2	Benzo[e]pyrene	140	J			23.586	

Report of Analysis

Client:		Date Collected:	2/7/2024 12:00:00 AM
Project:		Date Received:	2/7/2024 12:00:00 AM
Client Sample ID:	TP2	SDG No.:	BP021424
Lab Sample ID:	P1412-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	11.7
Sample Wt/Vol:	50.09	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
BP019707.D	1	2/8/2024 12:00:00 AM	2/14/2024 12:00:00 AM	PB158902

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	52.4	U	52.4	180	220	ug/Kg
110-86-1	Pyridine	49.1	U	49.1	88.2	120	ug/Kg
100-52-7	Benzaldehyde	100	U	100	180	220	ug/Kg
62-53-3	Aniline	79.4	U	79.4	88.2	120	ug/Kg
108-95-2	Phenol	750		50.5	88.2	120	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	60.9	U	60.9	88.2	120	ug/Kg
95-57-8	2-Chlorophenol	48.8	U	48.8	88.2	120	ug/Kg
95-50-1	1,2-Dichlorobenzene	55.4	U	55.4	88.2	120	ug/Kg
541-73-1	1,3-Dichlorobenzene	60	U	60	88.2	120	ug/Kg
106-46-7	1,4-Dichlorobenzene	55.9	U	55.9	88.2	120	ug/Kg
100-51-6	Benzyl Alcohol	67	U	67	180	220	ug/Kg
95-48-7	2-Methylphenol	77.3	U	77.3	88.2	120	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	71.2	U	71.2	88.2	120	ug/Kg
98-86-2	Acetophenone	58.8	U	58.8	88.2	120	ug/Kg
65794-96-9	3+4-Methylphenols	73.3	U	73.3	180	220	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	40	U	40	54.3	54.3	ug/Kg
67-72-1	Hexachloroethane	49.9	U	49.9	88.2	120	ug/Kg
98-95-3	Nitrobenzene	51	U	51	88.2	120	ug/Kg
78-59-1	Isophorone	46.2	U	46.2	88.2	120	ug/Kg
88-75-5	2-Nitrophenol	64.5	U	64.5	88.2	120	ug/Kg
105-67-9	2,4-Dimethylphenol	67.6	U	67.6	88.2	120	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	76	U	76	88.2	120	ug/Kg
120-83-2	2,4-Dichlorophenol	53	U	53	88.2	120	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	52.6	U	52.6	88.2	120	ug/Kg
65-85-0	Benzoic acid	150	U	150	180	220	ug/Kg
91-20-3	Naphthalene	55.2	U	55.2	88.2	120	ug/Kg
106-47-8	4-Chloroaniline	71.2	U	71.2	88.2	120	ug/Kg
87-68-3	Hexachlorobutadiene	57	U	57	88.2	120	ug/Kg
105-60-2	Caprolactam	79.4	U	79.4	180	220	ug/Kg
59-50-7	4-Chloro-3-methylphenol	56	U	56	88.2	120	ug/Kg
91-57-6	2-Methylnaphthalene	64.4	U	64.4	88.2	120	ug/Kg

Report of Analysis

Client:		Date Collected:	2/7/2024 12:00:00 AM
Project:		Date Received:	2/7/2024 12:00:00 AM
Client Sample ID:	TP2	SDG No.:	BP021424
Lab Sample ID:	P1412-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	11.7
Sample Wt/Vol:	50.09	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
BP019707.D	1	2/8/2024 12:00:00 AM	2/14/2024 12:00:00 AM	PB158902

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
77-47-4	Hexachlorocyclopentadiene	140	U	140	180	220	ug/Kg
88-06-2	2,4,6-Trichlorophenol	52.3	U	52.3	88.2	120	ug/Kg
95-95-4	2,4,5-Trichlorophenol	59.6	U	59.6	88.2	120	ug/Kg
92-52-4	1,1-Biphenyl	61.9	U	61.9	88.2	120	ug/Kg
91-58-7	2-Chloronaphthalene	57.4	U	57.4	88.2	120	ug/Kg
88-74-4	2-Nitroaniline	67.4	U	67.4	88.2	120	ug/Kg
131-11-3	Dimethylphthalate	60.3	U	60.3	88.2	120	ug/Kg
208-96-8	Acenaphthylene	60	U	60	88.2	120	ug/Kg
606-20-2	2,6-Dinitrotoluene	61	U	61	88.2	120	ug/Kg
99-09-2	3-Nitroaniline	63.4	U	63.4	88.2	120	ug/Kg
83-32-9	Acenaphthene	54.5	U	54.5	88.2	120	ug/Kg
Total PAH	Total PAH	975	U	975	88.2	1920	ug/Kg
51-28-5	2,4-Dinitrophenol	120	U	120	180	220	ug/Kg
100-02-7	4-Nitrophenol	77.3	U	77.3	180	220	ug/Kg
132-64-9	Dibenzofuran	52.2	U	52.2	88.2	120	ug/Kg
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	28.8	U	128.8	88.2	240	ug/Kg
121-14-2	2,4-Dinitrotoluene	67.8	U	67.8	88.2	120	ug/Kg
84-66-2	Diethylphthalate	58.3	U	58.3	88.2	120	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	61.3	U	61.3	88.2	120	ug/Kg
86-73-7	Fluorene	57.5	U	57.5	88.2	120	ug/Kg
100-01-6	4-Nitroaniline	70.5	U	70.5	88.2	120	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	59.6	U	59.6	180	220	ug/Kg
86-30-6	n-Nitrosodiphenylamine	63.3	U	63.3	88.2	120	ug/Kg
103-33-3	Azobenzene	49.9	U	49.9	88.2	120	ug/Kg
101-55-3	4-Bromophenyl-phenylether	66.1	U	66.1	88.2	120	ug/Kg
118-74-1	Hexachlorobenzene	67	U	67	88.2	120	ug/Kg
1912-24-9	Atrazine	64.7	U	64.7	88.2	120	ug/Kg
87-86-5	Pentachlorophenol	75.3	U	75.3	180	220	ug/Kg
85-01-8	Phenanthrene	71	J	62.9	88.2	120	ug/Kg
120-12-7	Anthracene	69.2	U	69.2	88.2	120	ug/Kg
86-74-8	Carbazole	57.6	U	57.6	88.2	120	ug/Kg
84-74-2	Di-n-butylphthalate	70.5	U	70.5	88.2	120	ug/Kg
206-44-0	Fluoranthene	110	J	64	88.2	120	ug/Kg

Report of Analysis

Client:		Date Collected:	2/7/2024 12:00:00 AM
Project:		Date Received:	2/7/2024 12:00:00 AM
Client Sample ID:	TP2	SDG No.:	BP021424
Lab Sample ID:	P1412-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	11.7
Sample Wt/Vol:	50.09	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
BP019707.D	1	2/8/2024 12:00:00 AM	2/14/2024 12:00:00 AM	PB158902

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-87-5	Benidine	130	U	130	180	220	ug/Kg
129-00-0	Pyrene	96.9	J	56.8	88.2	120	ug/Kg
85-68-7	Butylbenzylphthalate	69.9	U	69.9	88.2	120	ug/Kg
91-94-1	3,3-Dichlorobenzidine	110	U	110	180	220	ug/Kg
56-55-3	Benzo(a)anthracene	56.9	U	56.9	88.2	120	ug/Kg
218-01-9	Chrysene	58.9	U	58.9	88.2	120	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	78	U	78	88.2	120	ug/Kg
117-84-0	Di-n-octyl phthalate	83.4	U	83.4	180	220	ug/Kg
205-99-2	Benzo(b)fluoranthene	60.4	J	54.5	88.2	120	ug/Kg
207-08-9	Benzo(k)fluoranthene	59.8	U	59.8	88.2	120	ug/Kg
50-32-8	Benzo(a)pyrene	64	U	64	88.2	120	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	72.6	U	72.6	88.2	120	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	65.5	U	65.5	88.2	120	ug/Kg
191-24-2	Benzo(g,h,i)perylene	62.7	U	62.7	88.2	120	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	60.6	U	60.6	88.2	120	ug/Kg
123-91-1	1,4-Dioxane	79.4	U	79.4	88.2	120	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	56.2	U	56.2	88.2	120	ug/Kg
90-12-0	1-Methylnaphthalene	61.2	U	61.2	120	120	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	99.893		18-112		67	SPK: -150
13127-88-3	Phenol-d6	95.393		15-107		64	SPK: -150
4165-60-0	Nitrobenzene-d5	63.548		18-107		64	SPK: -100
321-60-8	2-Fluorobiphenyl	64.699		20-109		65	SPK: -100
118-79-6	2,4,6-Tribromophenol	132.632		10-110		88	SPK: -150
1718-51-0	Terphenyl-d14	65.758		14-112		66	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	58025	7.899				
1146-65-2	Naphthalene-d8	215633	10.698				
15067-26-2	Acenaphthene-d10	141315	14.534				
1517-22-2	Phenanthrene-d10	358222	17.292				
1719-03-5	Chrysene-d12	371289	21.386				
1520-96-3	Perylene-d12	425695	23.804				



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Report of Analysis

Client:		Date Collected:	2/7/2024 12:00:00 AM
Project:		Date Received:	2/7/2024 12:00:00 AM
Client Sample ID:	TP2	SDG No.:	BP021424
Lab Sample ID:	P1412-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	11.7
Sample Wt/Vol:	50.09	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
BP019707.D	1	2/8/2024 12:00:00 AM	2/14/2024 12:00:00 AM	PB158902

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TENTATIVE IDENTIFIED COMPOUNDS							
000544-25-2	1,3,5-Cycloheptatriene	140	J			4.081	
000057-10-3	n-Hexadecanoic acid	140	J			18.192	
1000130-97-9	E-15-Heptadecenal	71.7	J			21.11	

Report of Analysis

Client:		Date Collected:	2/6/2024 12:00:00 AM
Project:		Date Received:	2/6/2024 12:00:00 AM
Client Sample ID:	B-2(4-6)	SDG No.:	BP021424
Lab Sample ID:	P1395-03	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	4.5
Sample Wt/Vol:	5.1	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
BP019708.D	1	2/9/2024 12:00:00 AM	2/14/2024 12:00:00 AM	PB158945

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	480	U	480	1700	2000	ug/Kg
110-86-1	Pyridine	450	U	450	800	1000	ug/Kg
100-52-7	Benzaldehyde	910	U	910	1700	2000	ug/Kg
62-53-3	Aniline	720	U	720	800	1000	ug/Kg
108-95-2	Phenol	852400	E	460	800	1000	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	550	U	550	800	1000	ug/Kg
95-57-8	2-Chlorophenol	440	U	440	800	1000	ug/Kg
95-50-1	1,2-Dichlorobenzene	4700		500	800	1000	ug/Kg
541-73-1	1,3-Dichlorobenzene	830	J	550	800	1000	ug/Kg
106-46-7	1,4-Dichlorobenzene	13800		510	800	1000	ug/Kg
100-51-6	Benzyl Alcohol	610	U	610	1700	2000	ug/Kg
95-48-7	2-Methylphenol	215100	E	700	800	1000	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	650	U	650	800	1000	ug/Kg
98-86-2	Acetophenone	530	U	530	800	1000	ug/Kg
65794-96-9	3+4-Methylphenols	175300	E	670	1700	2000	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	360	U	360	490	490	ug/Kg
67-72-1	Hexachloroethane	450	U	450	800	1000	ug/Kg
98-95-3	Nitrobenzene	460	U	460	800	1000	ug/Kg
78-59-1	Isophorone	420	U	420	800	1000	ug/Kg
88-75-5	2-Nitrophenol	590	U	590	800	1000	ug/Kg
105-67-9	2,4-Dimethylphenol	117100	E	610	800	1000	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	690	U	690	800	1000	ug/Kg
120-83-2	2,4-Dichlorophenol	480	U	480	800	1000	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	980	J	480	800	1000	ug/Kg
65-85-0	Benzoic acid	1300	U	1300	1700	2000	ug/Kg
91-20-3	Naphthalene	7800		500	800	1000	ug/Kg
106-47-8	4-Chloroaniline	650	U	650	800	1000	ug/Kg
87-68-3	Hexachlorobutadiene	520	U	520	800	1000	ug/Kg
105-60-2	Caprolactam	720	U	720	1700	2000	ug/Kg
59-50-7	4-Chloro-3-methylphenol	510	U	510	800	1000	ug/Kg
91-57-6	2-Methylnaphthalene	2100		580	800	1000	ug/Kg

Report of Analysis

Client:		Date Collected:	2/6/2024 12:00:00 AM
Project:		Date Received:	2/6/2024 12:00:00 AM
Client Sample ID:	B-2(4-6)	SDG No.:	BP021424
Lab Sample ID:	P1395-03	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	4.5
Sample Wt/Vol:	5.1	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
BP019708.D	1	2/9/2024 12:00:00 AM	2/14/2024 12:00:00 AM	PB158945

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
77-47-4	Hexachlorocyclopentadiene	1300	U	1300	1700	2000	ug/Kg
88-06-2	2,4,6-Trichlorophenol	470	U	470	800	1000	ug/Kg
95-95-4	2,4,5-Trichlorophenol	540	U	540	800	1000	ug/Kg
92-52-4	1,1-Biphenyl	39700	E	560	800	1000	ug/Kg
91-58-7	2-Chloronaphthalene	520	U	520	800	1000	ug/Kg
88-74-4	2-Nitroaniline	610	U	610	800	1000	ug/Kg
131-11-3	Dimethylphthalate	550	U	550	800	1000	ug/Kg
208-96-8	Acenaphthylene	540	U	540	800	1000	ug/Kg
606-20-2	2,6-Dinitrotoluene	550	U	550	800	1000	ug/Kg
99-09-2	3-Nitroaniline	580	U	580	800	1000	ug/Kg
83-32-9	Acenaphthene	490	U	490	800	1000	ug/Kg
Total PAH	Total PAH	8830	U	8830	800	16000	ug/Kg
51-28-5	2,4-Dinitrophenol	1100	U	1100	1700	2000	ug/Kg
100-02-7	4-Nitrophenol	700	U	700	1700	2000	ug/Kg
132-64-9	Dibenzofuran	470	J	470	800	1000	ug/Kg
121-14-2	2,4-Dinitrotoluene	620	U	620	800	1000	ug/Kg
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	170	U	1170	800	2000	ug/Kg
84-66-2	Diethylphthalate	530	U	530	800	1000	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	560	U	560	800	1000	ug/Kg
86-73-7	Fluorene	520	U	520	800	1000	ug/Kg
100-01-6	4-Nitroaniline	640	U	640	800	1000	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	540	U	540	1700	2000	ug/Kg
86-30-6	n-Nitrosodiphenylamine	570	U	570	800	1000	ug/Kg
103-33-3	Azobenzene	450	U	450	800	1000	ug/Kg
101-55-3	4-Bromophenyl-phenylether	600	U	600	800	1000	ug/Kg
118-74-1	Hexachlorobenzene	610	U	610	800	1000	ug/Kg
1912-24-9	Atrazine	590	U	590	800	1000	ug/Kg
87-86-5	Pentachlorophenol	680	U	680	1700	2000	ug/Kg
85-01-8	Phenanthrene	570	U	570	800	1000	ug/Kg
120-12-7	Anthracene	630	U	630	800	1000	ug/Kg
86-74-8	Carbazole	520	U	520	800	1000	ug/Kg
84-74-2	Di-n-butylphthalate	82400	E	640	800	1000	ug/Kg
206-44-0	Fluoranthene	580	U	580	800	1000	ug/Kg

Report of Analysis

Client:		Date Collected:	2/6/2024 12:00:00 AM
Project:		Date Received:	2/6/2024 12:00:00 AM
Client Sample ID:	B-2(4-6)	SDG No.:	BP021424
Lab Sample ID:	P1395-03	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	4.5
Sample Wt/Vol:	5.1	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
BP019708.D	1	2/9/2024 12:00:00 AM	2/14/2024 12:00:00 AM	PB158945

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-87-5	Benidine	1200	U	1200	1700	2000	ug/Kg
129-00-0	Pyrene	520	U	520	800	1000	ug/Kg
85-68-7	Butylbenzylphthalate	630	U	630	800	1000	ug/Kg
91-94-1	3,3-Dichlorobenzidine	990	U	990	1700	2000	ug/Kg
56-55-3	Benzo(a)anthracene	520	U	520	800	1000	ug/Kg
218-01-9	Chrysene	530	U	530	800	1000	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	331400	E	710	800	1000	ug/Kg
117-84-0	Di-n-octyl phthalate	760	U	760	1700	2000	ug/Kg
205-99-2	Benzo(b)fluoranthene	490	U	490	800	1000	ug/Kg
207-08-9	Benzo(k)fluoranthene	540	U	540	800	1000	ug/Kg
50-32-8	Benzo(a)pyrene	580	U	580	800	1000	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	660	U	660	800	1000	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	590	U	590	800	1000	ug/Kg
191-24-2	Benzo(g,h,i)perylene	570	U	570	800	1000	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	550	U	550	800	1000	ug/Kg
123-91-1	1,4-Dioxane	720	U	720	800	1000	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	510	U	510	800	1000	ug/Kg
90-12-0	1-Methylnaphthalene	1700		560	1000	1000	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	79.448		18-112		53	SPK: -150
13127-88-3	Phenol-d6	77.134		15-107		51	SPK: -150
4165-60-0	Nitrobenzene-d5	51.788		18-107		52	SPK: -100
321-60-8	2-Fluorobiphenyl	26.389		20-109		26	SPK: -100
118-79-6	2,4,6-Tribromophenol	54.206		10-110		36	SPK: -150
1718-51-0	Terphenyl-d14	56.585		14-112		57	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	56684	7.91				
1146-65-2	Naphthalene-d8	218005	10.704				
15067-26-2	Acenaphthene-d10	288357	14.545				
1517-22-2	Phenanthrene-d10	363864	17.292				
1719-03-5	Chrysene-d12	364726	21.386				
1520-96-3	Perylene-d12	434180	23.81				



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

Report of Analysis

Client:		Date Collected:	2/6/2024 12:00:00 AM
Project:		Date Received:	2/6/2024 12:00:00 AM
Client Sample ID:	B-2(4-6)	SDG No.:	BP021424
Lab Sample ID:	P1395-03	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	4.5
Sample Wt/Vol:	5.1	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
BP019708.D	1	2/9/2024 12:00:00 AM	2/14/2024 12:00:00 AM	PB158945

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TENTATIVE IDENTIFIED COMPOUNDS							
000077-73-6	Dicyclopentadiene	2900	J			8.163	
000500-22-1	3-Pyridinecarboxaldehyde	7500	J			10.14	
000088-18-6	Phenol, 2-(1,1-dimethylethyl)-	3900	J			11.728	
000098-54-4	Phenol, p-tert-butyl-	41100	J			12.11	
001467-36-3	Ethanone, 1-(2,3,4-trimethylphenyl	6200	J			14.445	
000092-69-3	p-Hydroxybiphenyl	25700	J			16.563	
005875-45-6	Phenol, 2,5-bis(1,1-dimethylethyl)	5300	J			16.992	
002467-02-9	Phenol, 2,2-methylenebis-	12200	J			18.463	
065899-10-7	trans-1,2-Bis(methyldichlorosilyl)	4900	J			18.61	
002467-03-0	Phenol, 2-[(4-hydroxyphenyl)methyl	56900	J			18.68	
	unknown18.951	8800	J			18.951	
127062-51-5	13-Hexyloxacyclotridec-10-en-2-one	61300	J			19.051	
000620-92-8	Phenol, 4,4-methylenebis-	63400	J			19.086	
000118-55-8	Phenyl salicylate	4900	J			19.192	
002081-08-5	4,4-Ethylidenediphenol	3700	J			25.186	

Report of Analysis

Client:		Date Collected:	2/6/2024 12:00:00 AM
Project:		Date Received:	2/6/2024 12:00:00 AM
Client Sample ID:	B-2(6-8)	SDG No.:	BP021424
Lab Sample ID:	P1395-04	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	18
Sample Wt/Vol:	30.02	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
BP019709.D	1	2/9/2024 12:00:00 AM	2/14/2024 12:00:00 AM	PB158945

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	94.2	U	94.2	330	400	ug/Kg
110-86-1	Pyridine	88.2	U	88.2	160	210	ug/Kg
100-52-7	Benzaldehyde	180	U	180	330	400	ug/Kg
62-53-3	Aniline	140	U	140	160	210	ug/Kg
108-95-2	Phenol	20200	E	90.7	160	210	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	110	U	110	160	210	ug/Kg
95-57-8	2-Chlorophenol	87.7	U	87.7	160	210	ug/Kg
95-50-1	1,2-Dichlorobenzene	660		99.6	160	210	ug/Kg
541-73-1	1,3-Dichlorobenzene	140	J	110	160	210	ug/Kg
106-46-7	1,4-Dichlorobenzene	1900		100	160	210	ug/Kg
100-51-6	Benzyl Alcohol	120	U	120	330	400	ug/Kg
95-48-7	2-Methylphenol	9900	E	140	160	210	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	130	U	130	160	210	ug/Kg
98-86-2	Acetophenone	110	U	110	160	210	ug/Kg
65794-96-9	3+4-Methylphenols	10700	E	130	330	400	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	71.9	U	71.9	97.5	97.5	ug/Kg
67-72-1	Hexachloroethane	89.7	U	89.7	160	210	ug/Kg
98-95-3	Nitrobenzene	91.6	U	91.6	160	210	ug/Kg
78-59-1	Isophorone	83	U	83	160	210	ug/Kg
88-75-5	2-Nitrophenol	120	U	120	160	210	ug/Kg
105-67-9	2,4-Dimethylphenol	12600	E	120	160	210	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	140	U	140	160	210	ug/Kg
120-83-2	2,4-Dichlorophenol	95.2	U	95.2	160	210	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	130	J	94.4	160	210	ug/Kg
65-85-0	Benzoic acid	260	U	260	330	400	ug/Kg
91-20-3	Naphthalene	840		99.2	160	210	ug/Kg
106-47-8	4-Chloroaniline	130	U	130	160	210	ug/Kg
87-68-3	Hexachlorobutadiene	100	U	100	160	210	ug/Kg
105-60-2	Caprolactam	140	U	140	330	400	ug/Kg
59-50-7	4-Chloro-3-methylphenol	100	U	100	160	210	ug/Kg
91-57-6	2-Methylnaphthalene	140	J	120	160	210	ug/Kg

Report of Analysis

Client:		Date Collected:	2/6/2024 12:00:00 AM
Project:		Date Received:	2/6/2024 12:00:00 AM
Client Sample ID:	B-2(6-8)	SDG No.:	BP021424
Lab Sample ID:	P1395-04	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	18
Sample Wt/Vol:	30.02	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
BP019709.D	1	2/9/2024 12:00:00 AM	2/14/2024 12:00:00 AM	PB158945

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
77-47-4	Hexachlorocyclopentadiene	260	U	260	330	400	ug/Kg
88-06-2	2,4,6-Trichlorophenol	94	U	94	160	210	ug/Kg
95-95-4	2,4,5-Trichlorophenol	110	U	110	160	210	ug/Kg
92-52-4	1,1-Biphenyl	3500	E	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	110	U	110	160	210	ug/Kg
208-96-8	Acenaphthylene	110	U	110	160	210	ug/Kg
606-20-2	2,6-Dinitrotoluene	110	U	110	160	210	ug/Kg
99-09-2	3-Nitroaniline	110	U	110	160	210	ug/Kg
83-32-9	Acenaphthene	97.9	U	97.9	160	210	ug/Kg
Total PAH	Total PAH	1745	U	1745	160	3360	ug/Kg
51-28-5	2,4-Dinitrophenol	220	U	220	330	400	ug/Kg
100-02-7	4-Nitrophenol	140	U	140	330	400	ug/Kg
132-64-9	Dibenzofuran	93.7	U	93.7	160	210	ug/Kg
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	230	U	230	160	420	ug/Kg
121-14-2	2,4-Dinitrotoluene	120	U	120	160	210	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	100	U	100	160	210	ug/Kg
100-01-6	4-Nitroaniline	130	U	130	160	210	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	110	U	110	330	400	ug/Kg
86-30-6	n-Nitrosodiphenylamine	110	U	110	160	210	ug/Kg
103-33-3	Azobenzene	89.6	U	89.6	160	210	ug/Kg
101-55-3	4-Bromophenyl-phenylether	120	U	120	160	210	ug/Kg
118-74-1	Hexachlorobenzene	120	U	120	160	210	ug/Kg
1912-24-9	Atrazine	120	U	120	160	210	ug/Kg
87-86-5	Pentachlorophenol	600		140	330	400	ug/Kg
85-01-8	Phenanthrene	110	U	110	160	210	ug/Kg
120-12-7	Anthracene	120	U	120	160	210	ug/Kg
86-74-8	Carbazole	100	U	100	160	210	ug/Kg
84-74-2	Di-n-butylphthalate	6100	E	130	160	210	ug/Kg
206-44-0	Fluoranthene	120	U	120	160	210	ug/Kg

Report of Analysis

Client:		Date Collected:	2/6/2024 12:00:00 AM
Project:		Date Received:	2/6/2024 12:00:00 AM
Client Sample ID:	B-2(6-8)	SDG No.:	BP021424
Lab Sample ID:	P1395-04	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	18
Sample Wt/Vol:	30.02	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
BP019709.D	1	2/9/2024 12:00:00 AM	2/14/2024 12:00:00 AM	PB158945

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-87-5	Benidine	240	U	240	330	400	ug/Kg
129-00-0	Pyrene	100	U	100	160	210	ug/Kg
85-68-7	Butylbenzylphthalate	130	U	130	160	210	ug/Kg
91-94-1	3,3-Dichlorobenzidine	200	U	200	330	400	ug/Kg
56-55-3	Benzo(a)anthracene	100	U	100	160	210	ug/Kg
218-01-9	Chrysene	110	U	110	160	210	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	30300	E	140	160	210	ug/Kg
117-84-0	Di-n-octyl phthalate	150	U	150	330	400	ug/Kg
205-99-2	Benzo(b)fluoranthene	97.9	U	97.9	160	210	ug/Kg
207-08-9	Benzo(k)fluoranthene	110	U	110	160	210	ug/Kg
50-32-8	Benzo(a)pyrene	110	U	110	160	210	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	130	U	130	160	210	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	120	U	120	160	210	ug/Kg
191-24-2	Benzo(g,h,i)perylene	110	U	110	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	100	U	100	160	210	ug/Kg
90-12-0	1-Methylnaphthalene	140	J	110	210	210	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	45.969		18-112		31	SPK: -150
13127-88-3	Phenol-d6	46.101		15-107		31	SPK: -150
4165-60-0	Nitrobenzene-d5	31.497		18-107		31	SPK: -100
321-60-8	2-Fluorobiphenyl	19.617		20-109		20	SPK: -100
118-79-6	2,4,6-Tribromophenol	33.759		10-110		23	SPK: -150
1718-51-0	Terphenyl-d14	31.335		14-112		31	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	72474	7.905				
1146-65-2	Naphthalene-d8	260162	10.704				
15067-26-2	Acenaphthene-d10	260368	14.545				
1517-22-2	Phenanthrene-d10	305813	17.292				
1719-03-5	Chrysene-d12	337184	21.392				
1520-96-3	Perylene-d12	419687	23.81				

Report of Analysis

Client:		Date Collected:	2/6/2024 12:00:00 AM
Project:		Date Received:	2/6/2024 12:00:00 AM
Client Sample ID:	B-2(6-8)	SDG No.:	BP021424
Lab Sample ID:	P1395-04	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	18
Sample Wt/Vol:	30.02	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
BP019709.D	1	2/9/2024 12:00:00 AM	2/14/2024 12:00:00 AM	PB158945

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TENTATIVE IDENTIFIED COMPOUNDS							
000108-38-3	Benzene, 1,3-dimethyl-	2900	J			5.534	
000254-27-3	4H-1,3-Benzodioxin	5200	J			10.14	
000618-45-1	Phenol, 3-(1-methylethyl)-	860	J			11.069	
001123-94-0	Phenol, 4-ethyl-3-methyl-	1000	J			11.252	
000770-39-8	p-Hydroxyphenylacetone	1300	J			11.546	
000088-18-6	Phenol, 2-(1,1-dimethylethyl)-	3000	J			11.728	
000098-54-4	Phenol, p-tert-butyl-	40400	J			12.116	
001633-22-3	[2.2]Paracyclophane	860	J			16.481	
000092-69-3	p-Hydroxybiphenyl	2600	J			16.563	
005806-73-5	Phenol, 2-(1,1-dimethylethyl)-4-(1	1700	J			16.992	
000057-10-3	n-Hexadecanoic acid	4900	J			18.21	
002467-02-9	Phenol, 2,2-methylenebis-	1900	J			18.463	
002467-03-0	Phenol, 2-[(4-hydroxyphenyl)methyl	6500	J			18.675	
127062-51-5	13-Hexyloxacyclotridec-10-en-2-one	6600	J			19.045	
000620-92-8	Phenol, 4,4-methylenebis-	6600	J			19.075	
000112-80-1	Oleic Acid	11100	J			19.339	

Report of Analysis

Client:		Date Collected:	2/9/2024 12:00:00 AM
Project:		Date Received:	2/9/2024 12:00:00 AM
Client Sample ID:	PN-1(SOUTH-AREA)	SDG No.:	BP021424
Lab Sample ID:	P1464-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	9.8
Sample Wt/Vol:	30.09 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
BP019710.D	1	2/13/2024 12:00:00 AM	2/14/2024 12:00:00 AM	PB158998

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	85.4	U	85.4	300	360	ug/Kg
110-86-1	Pyridine	80	U	80	140	190	ug/Kg
100-52-7	Benzaldehyde	160	U	160	300	360	ug/Kg
62-53-3	Aniline	130	U	130	140	190	ug/Kg
108-95-2	Phenol	82.2	U	82.2	140	190	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	99.3	U	99.3	140	190	ug/Kg
95-57-8	2-Chlorophenol	79.6	U	79.6	140	190	ug/Kg
95-50-1	1,2-Dichlorobenzene	90.3	U	90.3	140	190	ug/Kg
541-73-1	1,3-Dichlorobenzene	97.8	U	97.8	140	190	ug/Kg
106-46-7	1,4-Dichlorobenzene	91.1	U	91.1	140	190	ug/Kg
100-51-6	Benzyl Alcohol	110	U	110	300	360	ug/Kg
95-48-7	2-Methylphenol	130	U	130	140	190	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	120	U	120	140	190	ug/Kg
98-86-2	Acetophenone	95.8	U	95.8	140	190	ug/Kg
65794-96-9	3+4-Methylphenols	120	U	120	300	360	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	65.2	U	65.2	88.4	88.4	ug/Kg
67-72-1	Hexachloroethane	81.4	U	81.4	140	190	ug/Kg
98-95-3	Nitrobenzene	83.1	U	83.1	140	190	ug/Kg
78-59-1	Isophorone	75.3	U	75.3	140	190	ug/Kg
88-75-5	2-Nitrophenol	110	U	110	140	190	ug/Kg
105-67-9	2,4-Dimethylphenol	110	U	110	140	190	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	120	U	120	140	190	ug/Kg
120-83-2	2,4-Dichlorophenol	86.3	U	86.3	140	190	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	85.7	U	85.7	140	190	ug/Kg
65-85-0	Benzoic acid	240	U	240	300	360	ug/Kg
91-20-3	Naphthalene	560		90	140	190	ug/Kg
106-47-8	4-Chloroaniline	120	U	120	140	190	ug/Kg
87-68-3	Hexachlorobutadiene	92.8	U	92.8	140	190	ug/Kg
105-60-2	Caprolactam	130	U	130	300	360	ug/Kg
59-50-7	4-Chloro-3-methylphenol	91.2	U	91.2	140	190	ug/Kg
91-57-6	2-Methylnaphthalene	620		100	140	190	ug/Kg

Report of Analysis

Client:		Date Collected:	2/9/2024 12:00:00 AM
Project:		Date Received:	2/9/2024 12:00:00 AM
Client Sample ID:	PN-1(SOUTH-AREA)	SDG No.:	BP021424
Lab Sample ID:	P1464-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	9.8
Sample Wt/Vol:	30.09 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
BP019710.D	1	2/13/2024 12:00:00 AM	2/14/2024 12:00:00 AM	PB158998

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
77-47-4	Hexachlorocyclopentadiene	230	U	230	300	360	ug/Kg
88-06-2	2,4,6-Trichlorophenol	85.2	U	85.2	140	190	ug/Kg
95-95-4	2,4,5-Trichlorophenol	97.2	U	97.2	140	190	ug/Kg
92-52-4	1,1-Biphenyl	100	U	100	140	190	ug/Kg
91-58-7	2-Chloronaphthalene	93.5	U	93.5	140	190	ug/Kg
88-74-4	2-Nitroaniline	110	U	110	140	190	ug/Kg
131-11-3	Dimethylphthalate	98.3	U	98.3	140	190	ug/Kg
208-96-8	Acenaphthylene	97.7	U	97.7	140	190	ug/Kg
606-20-2	2,6-Dinitrotoluene	99.5	U	99.5	140	190	ug/Kg
99-09-2	3-Nitroaniline	100	U	100	140	190	ug/Kg
83-32-9	Acenaphthene	240		88.8	140	190	ug/Kg
Total PAH	Total PAH	11680		1577.5	140	3040	ug/Kg
51-28-5	2,4-Dinitrophenol	200	U	200	300	360	ug/Kg
100-02-7	4-Nitrophenol	130	U	130	300	360	ug/Kg
132-64-9	Dibenzofuran	85	U	85	140	190	ug/Kg
121-14-2	2,4-Dinitrotoluene	110	U	110	140	190	ug/Kg
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	209.5	U	209.5	140	380	ug/Kg
84-66-2	Diethylphthalate	94.9	U	94.9	140	190	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	99.9	U	99.9	140	190	ug/Kg
86-73-7	Fluorene	220		93.7	140	190	ug/Kg
100-01-6	4-Nitroaniline	110	U	110	140	190	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	97	U	97	300	360	ug/Kg
86-30-6	n-Nitrosodiphenylamine	100	U	100	140	190	ug/Kg
103-33-3	Azobenzene	81.2	U	81.2	140	190	ug/Kg
101-55-3	4-Bromophenyl-phenylether	110	U	110	140	190	ug/Kg
118-74-1	Hexachlorobenzene	110	U	110	140	190	ug/Kg
1912-24-9	Atrazine	110	U	110	140	190	ug/Kg
87-86-5	Pentachlorophenol	120	U	120	300	360	ug/Kg
85-01-8	Phenanthrene	880		100	140	190	ug/Kg
120-12-7	Anthracene	220		110	140	190	ug/Kg
86-74-8	Carbazole	93.8	U	93.8	140	190	ug/Kg
84-74-2	Di-n-butylphthalate	110	U	110	140	190	ug/Kg
206-44-0	Fluoranthene	2000		100	140	190	ug/Kg

Report of Analysis

Client:		Date Collected:	2/9/2024 12:00:00 AM
Project:		Date Received:	2/9/2024 12:00:00 AM
Client Sample ID:	PN-1(SOUTH-AREA)	SDG No.:	BP021424
Lab Sample ID:	P1464-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	9.8
Sample Wt/Vol:	30.09 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
BP019710.D	1	2/13/2024 12:00:00 AM	2/14/2024 12:00:00 AM	PB158998

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-87-5	Benidine	210	U	210	300	360	ug/Kg
129-00-0	Pyrene	1600		92.5	140	190	ug/Kg
85-68-7	Butylbenzylphthalate	110	U	110	140	190	ug/Kg
91-94-1	3,3-Dichlorobenzidine	180	U	180	300	360	ug/Kg
56-55-3	Benzo(a)anthracene	1000		92.7	140	190	ug/Kg
218-01-9	Chrysene	1000		95.9	140	190	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	130	U	130	140	190	ug/Kg
117-84-0	Di-n-octyl phthalate	140	U	140	300	360	ug/Kg
205-99-2	Benzo(b)fluoranthene	1200		88.8	140	190	ug/Kg
207-08-9	Benzo(k)fluoranthene	390		97.4	140	190	ug/Kg
50-32-8	Benzo(a)pyrene	1100		100	140	190	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	510		120	140	190	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	170	J	110	140	190	ug/Kg
191-24-2	Benzo(g,h,i)perylene	590		100	140	190	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	98.8	U	98.8	140	190	ug/Kg
123-91-1	1,4-Dioxane	130	U	130	140	190	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	91.6	U	91.6	140	190	ug/Kg
90-12-0	1-Methylnaphthalene	1100		99.7	190	190	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	79.373		18-112		53	SPK: -150
13127-88-3	Phenol-d6	77.473		15-107		52	SPK: -150
4165-60-0	Nitrobenzene-d5	55.472		18-107		55	SPK: -100
321-60-8	2-Fluorobiphenyl	55.744		20-109		56	SPK: -100
118-79-6	2,4,6-Tribromophenol	107.332		10-110		72	SPK: -150
1718-51-0	Terphenyl-d14	58.81		14-112		59	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	69632	7.905				
1146-65-2	Naphthalene-d8	248353	10.704				
15067-26-2	Acenaphthene-d10	162950	14.54				
1517-22-2	Phenanthrene-d10	377662	17.298				
1719-03-5	Chrysene-d12	416481	21.386				
1520-96-3	Perylene-d12	482734	23.804				

Report of Analysis

Client:		Date Collected:	2/9/2024 12:00:00 AM
Project:		Date Received:	2/9/2024 12:00:00 AM
Client Sample ID:	PN-1(SOUTH-AREA)	SDG No.:	BP021424
Lab Sample ID:	P1464-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	9.8
Sample Wt/Vol:	30.09 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
BP019710.D	1	2/13/2024 12:00:00 AM	2/14/2024 12:00:00 AM	PB158998

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TENTATIVE IDENTIFIED COMPOUNDS							
001678-92-8	Cyclohexane, propyl-	1500	J			12.816	
003891-98-3	Dodecane, 2,6,10-trimethyl-	2900	J			13.081	
000582-16-1	Naphthalene, 2,7-dimethyl-	4700	J			13.704	
000581-40-8	Naphthalene, 2,3-dimethyl-	5500	J			13.863	
000575-43-9	Naphthalene, 1,6-dimethyl-	1400	J			13.916	
	unknown13.951	1200	J			13.951	
1000382-54-3	Carbonic acid, eicosyl vinyl ester	4400	J			14.028	
000571-58-4	Naphthalene, 1,4-dimethyl-	2400	J			14.098	
	unknown14.363	1900	J			14.363	
000629-92-5	Nonadecane	1900	J			14.445	
000829-26-5	Naphthalene, 2,3,6-trimethyl-	4100	J			14.757	
002131-42-2	Naphthalene, 1,4,6-trimethyl-	3500	J			14.945	
002245-38-7	Naphthalene, 1,6,7-trimethyl-	2600	J			15.022	
	unknown15.069	2000	J			15.069	
002131-41-1	Naphthalene, 1,4,5-trimethyl-	2400	J			15.163	
1000294-91-1	1-(2,2-Dimethylcyclopropyl)-2-phen	1600	J			15.216	
000941-81-1	4,6,8-Trimethylazulene	1700	J			15.328	
003892-00-0	Pentadecane, 2,6,10-trimethyl-	4000	J			15.804	
1000432-25-9	3-Ethyl-2,6,10-trimethylundecane	3900	J			16.292	
000630-04-6	Hentriacontane	2200	J			17.116	

Report of Analysis

Client:		Date Collected:	2/5/2024 12:00:00 AM
Project:		Date Received:	2/5/2024 12:00:00 AM
Client Sample ID:	B-3(10-12)	SDG No.:	BP021424
Lab Sample ID:	P1395-02	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	17.4
Sample Wt/Vol:	30.07 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
BP019711.D	1	2/9/2024 12:00:00 AM	2/14/2024 12:00:00 AM	PB158945

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	93.4	U	93.4	330	400	ug/Kg
110-86-1	Pyridine	87.4	U	87.4	160	210	ug/Kg
100-52-7	Benzaldehyde	180	U	180	330	400	ug/Kg
62-53-3	Aniline	2200		140	160	210	ug/Kg
108-95-2	Phenol	67300	E	89.9	160	210	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	110	U	110	160	210	ug/Kg
95-57-8	2-Chlorophenol	87	U	87	160	210	ug/Kg
95-50-1	1,2-Dichlorobenzene	98.7	U	98.7	160	210	ug/Kg
541-73-1	1,3-Dichlorobenzene	110	U	110	160	210	ug/Kg
106-46-7	1,4-Dichlorobenzene	99.5	U	99.5	160	210	ug/Kg
100-51-6	Benzyl Alcohol	120	U	120	330	400	ug/Kg
95-48-7	2-Methylphenol	2400		140	160	210	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	130	U	130	160	210	ug/Kg
98-86-2	Acetophenone	100	U	100	160	210	ug/Kg
65794-96-9	3+4-Methylphenols	9000	E	130	330	400	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	71.3	U	71.3	96.6	96.6	ug/Kg
67-72-1	Hexachloroethane	88.9	U	88.9	160	210	ug/Kg
98-95-3	Nitrobenzene	90.8	U	90.8	160	210	ug/Kg
78-59-1	Isophorone	82.3	U	82.3	160	210	ug/Kg
88-75-5	2-Nitrophenol	110	U	110	160	210	ug/Kg
105-67-9	2,4-Dimethylphenol	7100	E	120	160	210	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	140	U	140	160	210	ug/Kg
120-83-2	2,4-Dichlorophenol	94.3	U	94.3	160	210	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	93.6	U	93.6	160	210	ug/Kg
65-85-0	Benzoic acid	3900	E	260	330	400	ug/Kg
91-20-3	Naphthalene	3200		98.3	160	210	ug/Kg
106-47-8	4-Chloroaniline	130	U	130	160	210	ug/Kg
87-68-3	Hexachlorobutadiene	100	U	100	160	210	ug/Kg
105-60-2	Caprolactam	140	U	140	330	400	ug/Kg
59-50-7	4-Chloro-3-methylphenol	99.6	U	99.6	160	210	ug/Kg
91-57-6	2-Methylnaphthalene	450		110	160	210	ug/Kg

Report of Analysis

Client:		Date Collected:	2/5/2024 12:00:00 AM
Project:		Date Received:	2/5/2024 12:00:00 AM
Client Sample ID:	B-3(10-12)	SDG No.:	BP021424
Lab Sample ID:	P1395-02	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	17.4
Sample Wt/Vol:	30.07 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
BP019711.D	1	2/9/2024 12:00:00 AM	2/14/2024 12:00:00 AM	PB158945

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
77-47-4	Hexachlorocyclopentadiene	250	U	250	330	400	ug/Kg
88-06-2	2,4,6-Trichlorophenol	93.1	U	93.1	160	210	ug/Kg
95-95-4	2,4,5-Trichlorophenol	110	U	110	160	210	ug/Kg
92-52-4	1,1-Biphenyl	480		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	110	U	110	160	210	ug/Kg
208-96-8	Acenaphthylene	110	U	110	160	210	ug/Kg
606-20-2	2,6-Dinitrotoluene	110	U	110	160	210	ug/Kg
99-09-2	3-Nitroaniline	110	U	110	160	210	ug/Kg
83-32-9	Acenaphthene	260		97	160	210	ug/Kg
Total PAH	Total PAH	5420		1722.3	160	3360	ug/Kg
51-28-5	2,4-Dinitrophenol	220	U	220	330	400	ug/Kg
100-02-7	4-Nitrophenol	140	U	140	330	400	ug/Kg
132-64-9	Dibenzofuran	140	J	92.9	160	210	ug/Kg
121-14-2	2,4-Dinitrotoluene	120	U	120	160	210	ug/Kg
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	230	U	230	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	140	J	100	160	210	ug/Kg
100-01-6	4-Nitroaniline	130	U	130	160	210	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	110	U	110	330	400	ug/Kg
86-30-6	n-Nitrosodiphenylamine	110	U	110	160	210	ug/Kg
103-33-3	Azobenzene	88.8	U	88.8	160	210	ug/Kg
101-55-3	4-Bromophenyl-phenylether	120	U	120	160	210	ug/Kg
118-74-1	Hexachlorobenzene	120	U	120	160	210	ug/Kg
1912-24-9	Atrazine	120	U	120	160	210	ug/Kg
87-86-5	Pentachlorophenol	130	U	130	330	400	ug/Kg
85-01-8	Phenanthrene	340		110	160	210	ug/Kg
120-12-7	Anthracene	120	U	120	160	210	ug/Kg
86-74-8	Carbazole	110	J	100	160	210	ug/Kg
84-74-2	Di-n-butylphthalate	9800	E	130	160	210	ug/Kg
206-44-0	Fluoranthene	430		110	160	210	ug/Kg

Report of Analysis

Client:		Date Collected:	2/5/2024 12:00:00 AM
Project:		Date Received:	2/5/2024 12:00:00 AM
Client Sample ID:	B-3(10-12)	SDG No.:	BP021424
Lab Sample ID:	P1395-02	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	17.4
Sample Wt/Vol:	30.07 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
BP019711.D	1	2/9/2024 12:00:00 AM	2/14/2024 12:00:00 AM	PB158945

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-87-5	Benidine	230	U	230	330	400	ug/Kg
129-00-0	Pyrene	320		100	160	210	ug/Kg
85-68-7	Butylbenzylphthalate	120	U	120	160	210	ug/Kg
91-94-1	3,3-Dichlorobenzidine	190	U	190	330	400	ug/Kg
56-55-3	Benzo(a)anthracene	190	J	100	160	210	ug/Kg
218-01-9	Chrysene	190	J	100	160	210	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	17600	E	140	160	210	ug/Kg
117-84-0	Di-n-octyl phthalate	150	U	150	330	400	ug/Kg
205-99-2	Benzo(b)fluoranthene	200	J	97	160	210	ug/Kg
207-08-9	Benzo(k)fluoranthene	110	U	110	160	210	ug/Kg
50-32-8	Benzo(a)pyrene	150	J	110	160	210	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	130	U	130	160	210	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	120	U	120	160	210	ug/Kg
191-24-2	Benzo(g,h,i)perylene	110	U	110	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	100	U	100	160	210	ug/Kg
90-12-0	1-Methylnaphthalene	280		110	210	210	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	73.912		18-112		49	SPK: -150
13127-88-3	Phenol-d6	69.22		15-107		46	SPK: -150
4165-60-0	Nitrobenzene-d5	49.659		18-107		50	SPK: -100
321-60-8	2-Fluorobiphenyl	46.735		20-109		47	SPK: -100
118-79-6	2,4,6-Tribromophenol	93.908		10-110		63	SPK: -150
1718-51-0	Terphenyl-d14	50.66		14-112		51	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	82328	7.904				
1146-65-2	Naphthalene-d8	287930	10.704				
15067-26-2	Acenaphthene-d10	191336	14.539				
1517-22-2	Phenanthrene-d10	428306	17.292				
1719-03-5	Chrysene-d12	431300	21.392				
1520-96-3	Perylene-d12	505631	23.815				

Report of Analysis

Client:		Date Collected:	2/5/2024 12:00:00 AM
Project:		Date Received:	2/5/2024 12:00:00 AM
Client Sample ID:	B-3(10-12)	SDG No.:	BP021424
Lab Sample ID:	P1395-02	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	17.4
Sample Wt/Vol:	30.07 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
BP019711.D	1	2/9/2024 12:00:00 AM	2/14/2024 12:00:00 AM	PB158945

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TENTATIVE IDENTIFIED COMPOUNDS							
000098-54-4	Phenol, p-tert-butyl-	10400	J			12.092	
002040-07-5	Ethanone, 1-(2,4,5-trimethylphenyl	1500	J			14.404	
000092-69-3	p-Hydroxybiphenyl	9300	J			16.569	
	unknown17.786	810	J			17.786	
002467-02-9	Phenol, 2,2-methylenebis-	4900	J			18.469	
033469-37-3	Imidazole, 2-[4-methoxyphenyl]-4-t	3300	J			18.516	
1000410-34-4	6-Fluoro-N-(4-fluorophenyl)quinoli	1000	J			18.627	
002467-03-0	Phenol, 2-[(4-hydroxyphenyl)methyl	48800	J			18.727	
002081-08-5	4,4-Ethylidenediphenol	810	J			18.892	
004249-72-3	2-Phenoxy-1-phenylethanol	4900	J			19.045	
000620-92-8	Phenol, 4,4-methylenebis-	73500	J			19.157	
002243-42-7	Benzoic acid, 2-phenoxy-	890	J			19.221	
	unknown24.562	4100	J			24.562	
035250-15-8	Bisphenol F, acetate	2200	J			24.733	
	unknown24.827	1300	J			24.827	
	unknown25.292	9200	J			25.292	

Report of Analysis

Client:		Date Collected:	2/8/2024 12:00:00 AM
Project:		Date Received:	2/8/2024 12:00:00 AM
Client Sample ID:	VNJ-222	SDG No.:	BP021424
Lab Sample ID:	P1425-04	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	0
Sample Wt/Vol:	50.08	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
BP019712.D	1	2/9/2024 12:00:00 AM	2/14/2024 12:00:00 AM	PB158945

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	46.3	U	46.3	160	200	ug/Kg
110-86-1	Pyridine	43.4	U	43.4	77.9	100	ug/Kg
100-52-7	Benzaldehyde	88.7	U	88.7	160	200	ug/Kg
62-53-3	Aniline	70.1	U	70.1	77.9	100	ug/Kg
108-95-2	Phenol	44.6	U	44.6	77.9	100	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	53.8	U	53.8	77.9	100	ug/Kg
95-57-8	2-Chlorophenol	43.1	U	43.1	77.9	100	ug/Kg
95-50-1	1,2-Dichlorobenzene	48.9	U	48.9	77.9	100	ug/Kg
541-73-1	1,3-Dichlorobenzene	53	U	53	77.9	100	ug/Kg
106-46-7	1,4-Dichlorobenzene	49.4	U	49.4	77.9	100	ug/Kg
100-51-6	Benzyl Alcohol	59.2	U	59.2	160	200	ug/Kg
95-48-7	2-Methylphenol	68.3	U	68.3	77.9	100	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	62.9	U	62.9	77.9	100	ug/Kg
98-86-2	Acetophenone	51.9	U	51.9	77.9	100	ug/Kg
65794-96-9	3+4-Methylphenols	64.7	U	64.7	160	200	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	35.3	U	35.3	47.9	47.9	ug/Kg
67-72-1	Hexachloroethane	44.1	U	44.1	77.9	100	ug/Kg
98-95-3	Nitrobenzene	45	U	45	77.9	100	ug/Kg
78-59-1	Isophorone	40.8	U	40.8	77.9	100	ug/Kg
88-75-5	2-Nitrophenol	57	U	57	77.9	100	ug/Kg
105-67-9	2,4-Dimethylphenol	59.7	U	59.7	77.9	100	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	67.1	U	67.1	77.9	100	ug/Kg
120-83-2	2,4-Dichlorophenol	46.8	U	46.8	77.9	100	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	46.4	U	46.4	77.9	100	ug/Kg
65-85-0	Benzoic acid	130	U	130	160	200	ug/Kg
91-20-3	Naphthalene	48.8	U	48.8	77.9	100	ug/Kg
106-47-8	4-Chloroaniline	62.9	U	62.9	77.9	100	ug/Kg
87-68-3	Hexachlorobutadiene	50.3	U	50.3	77.9	100	ug/Kg
105-60-2	Caprolactam	70.1	U	70.1	160	200	ug/Kg
59-50-7	4-Chloro-3-methylphenol	49.4	U	49.4	77.9	100	ug/Kg
91-57-6	2-Methylnaphthalene	56.8	U	56.8	77.9	100	ug/Kg

Report of Analysis

Client:		Date Collected:	2/8/2024 12:00:00 AM
Project:		Date Received:	2/8/2024 12:00:00 AM
Client Sample ID:	VNJ-222	SDG No.:	BP021424
Lab Sample ID:	P1425-04	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	0
Sample Wt/Vol:	50.08	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
BP019712.D	1	2/9/2024 12:00:00 AM	2/14/2024 12:00:00 AM	PB158945

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
77-47-4	Hexachlorocyclopentadiene	130	U	130	160	200	ug/Kg
88-06-2	2,4,6-Trichlorophenol	46.2	U	46.2	77.9	100	ug/Kg
95-95-4	2,4,5-Trichlorophenol	52.7	U	52.7	77.9	100	ug/Kg
92-52-4	1,1-Biphenyl	54.7	U	54.7	77.9	100	ug/Kg
91-58-7	2-Chloronaphthalene	50.7	U	50.7	77.9	100	ug/Kg
88-74-4	2-Nitroaniline	59.5	U	59.5	77.9	100	ug/Kg
131-11-3	Dimethylphthalate	53.3	U	53.3	77.9	100	ug/Kg
208-96-8	Acenaphthylene	91	J	53	77.9	100	ug/Kg
606-20-2	2,6-Dinitrotoluene	53.9	U	53.9	77.9	100	ug/Kg
99-09-2	3-Nitroaniline	56	U	56	77.9	100	ug/Kg
83-32-9	Acenaphthene	48.1	U	48.1	77.9	100	ug/Kg
Total PAH	Total PAH	1225.4	U	860.9	77.9	1600	ug/Kg
51-28-5	2,4-Dinitrophenol	110	U	110	160	200	ug/Kg
100-02-7	4-Nitrophenol	68.3	U	68.3	160	200	ug/Kg
132-64-9	Dibenzofuran	46.1	U	46.1	77.9	100	ug/Kg
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	13.7	U	113.7	77.9	200	ug/Kg
121-14-2	2,4-Dinitrotoluene	59.8	U	59.8	77.9	100	ug/Kg
84-66-2	Diethylphthalate	51.5	U	51.5	77.9	100	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	54.2	U	54.2	77.9	100	ug/Kg
86-73-7	Fluorene	50.8	U	50.8	77.9	100	ug/Kg
100-01-6	4-Nitroaniline	62.3	U	62.3	77.9	100	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	52.6	U	52.6	160	200	ug/Kg
86-30-6	n-Nitrosodiphenylamine	55.9	U	55.9	77.9	100	ug/Kg
103-33-3	Azobenzene	44	U	44	77.9	100	ug/Kg
101-55-3	4-Bromophenyl-phenylether	58.3	U	58.3	77.9	100	ug/Kg
118-74-1	Hexachlorobenzene	59.2	U	59.2	77.9	100	ug/Kg
1912-24-9	Atrazine	57.1	U	57.1	77.9	100	ug/Kg
87-86-5	Pentachlorophenol	66.5	U	66.5	160	200	ug/Kg
85-01-8	Phenanthrene	64.3	J	55.5	77.9	100	ug/Kg
120-12-7	Anthracene	67.2	J	61.1	77.9	100	ug/Kg
86-74-8	Carbazole	50.9	U	50.9	77.9	100	ug/Kg
84-74-2	Di-n-butylphthalate	62.3	U	62.3	77.9	100	ug/Kg
206-44-0	Fluoranthene	140		56.5	77.9	100	ug/Kg

Report of Analysis

Client:		Date Collected:	2/8/2024 12:00:00 AM
Project:		Date Received:	2/8/2024 12:00:00 AM
Client Sample ID:	VNJ-222	SDG No.:	BP021424
Lab Sample ID:	P1425-04	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	0
Sample Wt/Vol:	50.08	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
BP019712.D	1	2/9/2024 12:00:00 AM	2/14/2024 12:00:00 AM	PB158945

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-87-5	Benidine	120	U	120	160	200	ug/Kg
129-00-0	Pyrene	180		50.1	77.9	100	ug/Kg
85-68-7	Butylbenzylphthalate	61.7	U	61.7	77.9	100	ug/Kg
91-94-1	3,3-Dichlorobenzidine	96.4	U	96.4	160	200	ug/Kg
56-55-3	Benzo(a)anthracene	98.4	J	50.3	77.9	100	ug/Kg
218-01-9	Chrysene	120		52	77.9	100	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	73.5	J	68.9	77.9	100	ug/Kg
117-84-0	Di-n-octyl phthalate	73.7	U	73.7	160	200	ug/Kg
205-99-2	Benzo(b)fluoranthene	150		48.1	77.9	100	ug/Kg
207-08-9	Benzo(k)fluoranthene	52.8	U	52.8	77.9	100	ug/Kg
50-32-8	Benzo(a)pyrene	140		56.5	77.9	100	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	74.5	J	64.1	77.9	100	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	57.8	U	57.8	77.9	100	ug/Kg
191-24-2	Benzo(g,h,i)perylene	100		55.4	77.9	100	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	53.6	U	53.6	77.9	100	ug/Kg
123-91-1	1,4-Dioxane	70.1	U	70.1	77.9	100	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	49.7	U	49.7	77.9	100	ug/Kg
90-12-0	1-Methylnaphthalene	54	U	54	100	100	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	79.175		18-112		53	SPK: -150
13127-88-3	Phenol-d6	78.18		15-107		52	SPK: -150
4165-60-0	Nitrobenzene-d5	50.982		18-107		51	SPK: -100
321-60-8	2-Fluorobiphenyl	53.782		20-109		54	SPK: -100
118-79-6	2,4,6-Tribromophenol	100.106		10-110		67	SPK: -150
1718-51-0	Terphenyl-d14	55.498		14-112		55	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	81902	7.905				
1146-65-2	Naphthalene-d8	306010	10.704				
15067-26-2	Acenaphthene-d10	199240	14.54				
1517-22-2	Phenanthrene-d10	437178	17.298				
1719-03-5	Chrysene-d12	424192	21.392				
1520-96-3	Perylene-d12	500462	23.816				



Report of Analysis

Client:		Date Collected:	2/8/2024 12:00:00 AM
Project:		Date Received:	2/8/2024 12:00:00 AM
Client Sample ID:	VNJ-222	SDG No.:	BP021424
Lab Sample ID:	P1425-04	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	0
Sample Wt/Vol:	50.08	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
BP019712.D	1	2/9/2024 12:00:00 AM	2/14/2024 12:00:00 AM	PB158945

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

Client:		Date Collected:	2/9/2024 12:00:00 AM
Project:		Date Received:	2/9/2024 12:00:00 AM
Client Sample ID:	PN-2(NORTH-AREA)	SDG No.:	BP021424
Lab Sample ID:	P1464-02	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	5.7
Sample Wt/Vol:	30.06 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
BP019713.D	1	2/13/2024 12:00:00 AM	2/14/2024 12:00:00 AM	PB158998

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	81.8	U	81.8	290	350	ug/Kg
110-86-1	Pyridine	76.6	U	76.6	140	180	ug/Kg
100-52-7	Benzaldehyde	160	U	160	290	350	ug/Kg
62-53-3	Aniline	120	U	120	140	180	ug/Kg
108-95-2	Phenol	78.7	U	78.7	140	180	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	95	U	95	140	180	ug/Kg
95-57-8	2-Chlorophenol	76.2	U	76.2	140	180	ug/Kg
95-50-1	1,2-Dichlorobenzene	86.5	U	86.5	140	180	ug/Kg
541-73-1	1,3-Dichlorobenzene	93.7	U	93.7	140	180	ug/Kg
106-46-7	1,4-Dichlorobenzene	87.2	U	87.2	140	180	ug/Kg
100-51-6	Benzyl Alcohol	100	U	100	290	350	ug/Kg
95-48-7	2-Methylphenol	120	U	120	140	180	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	110	U	110	140	180	ug/Kg
98-86-2	Acetophenone	91.8	U	91.8	140	180	ug/Kg
65794-96-9	3+4-Methylphenols	110	U	110	290	350	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	62.4	U	62.4	84.7	84.7	ug/Kg
67-72-1	Hexachloroethane	77.9	U	77.9	140	180	ug/Kg
98-95-3	Nitrobenzene	79.6	U	79.6	140	180	ug/Kg
78-59-1	Isophorone	72.1	U	72.1	140	180	ug/Kg
88-75-5	2-Nitrophenol	100	U	100	140	180	ug/Kg
105-67-9	2,4-Dimethylphenol	110	U	110	140	180	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	120	U	120	140	180	ug/Kg
120-83-2	2,4-Dichlorophenol	82.7	U	82.7	140	180	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	82	U	82	140	180	ug/Kg
65-85-0	Benzoic acid	230	U	230	290	350	ug/Kg
91-20-3	Naphthalene	86.1	U	86.1	140	180	ug/Kg
106-47-8	4-Chloroaniline	110	U	110	140	180	ug/Kg
87-68-3	Hexachlorobutadiene	88.9	U	88.9	140	180	ug/Kg
105-60-2	Caprolactam	120	U	120	290	350	ug/Kg
59-50-7	4-Chloro-3-methylphenol	87.3	U	87.3	140	180	ug/Kg
91-57-6	2-Methylnaphthalene	110	J	100	140	180	ug/Kg

Report of Analysis

Client:		Date Collected:	2/9/2024 12:00:00 AM
Project:		Date Received:	2/9/2024 12:00:00 AM
Client Sample ID:	PN-2(NORTH-AREA)	SDG No.:	BP021424
Lab Sample ID:	P1464-02	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	5.7
Sample Wt/Vol:	30.06 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
BP019713.D	1	2/13/2024 12:00:00 AM	2/14/2024 12:00:00 AM	PB158998

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
77-47-4	Hexachlorocyclopentadiene	220	U	220	290	350	ug/Kg
88-06-2	2,4,6-Trichlorophenol	81.6	U	81.6	140	180	ug/Kg
95-95-4	2,4,5-Trichlorophenol	93	U	93	140	180	ug/Kg
92-52-4	1,1-Biphenyl	96.6	U	96.6	140	180	ug/Kg
91-58-7	2-Chloronaphthalene	89.5	U	89.5	140	180	ug/Kg
88-74-4	2-Nitroaniline	110	U	110	140	180	ug/Kg
131-11-3	Dimethylphthalate	94.1	U	94.1	140	180	ug/Kg
208-96-8	Acenaphthylene	93.6	U	93.6	140	180	ug/Kg
606-20-2	2,6-Dinitrotoluene	95.2	U	95.2	140	180	ug/Kg
99-09-2	3-Nitroaniline	98.8	U	98.8	140	180	ug/Kg
83-32-9	Acenaphthene	85	U	85	140	180	ug/Kg
Total PAH	Total PAH	1517.6	U	1517.6	140	2880	ug/Kg
51-28-5	2,4-Dinitrophenol	190	U	190	290	350	ug/Kg
100-02-7	4-Nitrophenol	120	U	120	290	350	ug/Kg
132-64-9	Dibenzofuran	81.4	U	81.4	140	180	ug/Kg
121-14-2	2,4-Dinitrotoluene	110	U	110	140	180	ug/Kg
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	205.2	U	205.2	140	360	ug/Kg
84-66-2	Diethylphthalate	90.9	U	90.9	140	180	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	95.7	U	95.7	140	180	ug/Kg
86-73-7	Fluorene	89.7	U	89.7	140	180	ug/Kg
100-01-6	4-Nitroaniline	110	U	110	140	180	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	92.9	U	92.9	290	350	ug/Kg
86-30-6	n-Nitrosodiphenylamine	98.7	U	98.7	140	180	ug/Kg
103-33-3	Azobenzene	77.8	U	77.8	140	180	ug/Kg
101-55-3	4-Bromophenyl-phenylether	100	U	100	140	180	ug/Kg
118-74-1	Hexachlorobenzene	100	U	100	140	180	ug/Kg
1912-24-9	Atrazine	100	U	100	140	180	ug/Kg
87-86-5	Pentachlorophenol	120	U	120	290	350	ug/Kg
85-01-8	Phenanthrene	230		98.1	140	180	ug/Kg
120-12-7	Anthracene	110	U	110	140	180	ug/Kg
86-74-8	Carbazole	89.9	U	89.9	140	180	ug/Kg
84-74-2	Di-n-butylphthalate	110	U	110	140	180	ug/Kg
206-44-0	Fluoranthene	220		99.9	140	180	ug/Kg

Report of Analysis

Client:		Date Collected:	2/9/2024 12:00:00 AM
Project:		Date Received:	2/9/2024 12:00:00 AM
Client Sample ID:	PN-2(NORTH-AREA)	SDG No.:	BP021424
Lab Sample ID:	P1464-02	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	5.7
Sample Wt/Vol:	30.06 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
BP019713.D	1	2/13/2024 12:00:00 AM	2/14/2024 12:00:00 AM	PB158998

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-87-5	Benidine	200	U	200	290	350	ug/Kg
129-00-0	Pyrene	200		88.6	140	180	ug/Kg
85-68-7	Butylbenzylphthalate	110	U	110	140	180	ug/Kg
91-94-1	3,3-Dichlorobenzidine	170	U	170	290	350	ug/Kg
56-55-3	Benzo(a)anthracene	120	J	88.8	140	180	ug/Kg
218-01-9	Chrysene	130	J	91.9	140	180	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	120	U	120	140	180	ug/Kg
117-84-0	Di-n-octyl phthalate	130	U	130	290	350	ug/Kg
205-99-2	Benzo(b)fluoranthene	170	J	85	140	180	ug/Kg
207-08-9	Benzo(k)fluoranthene	93.2	U	93.2	140	180	ug/Kg
50-32-8	Benzo(a)pyrene	140	J	99.8	140	180	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	110	U	110	140	180	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	100	U	100	140	180	ug/Kg
191-24-2	Benzo(g,h,i)perylene	97.9	U	97.9	140	180	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	94.6	U	94.6	140	180	ug/Kg
123-91-1	1,4-Dioxane	120	U	120	140	180	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	87.7	U	87.7	140	180	ug/Kg
90-12-0	1-Methylnaphthalene	210		95.5	180	180	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	71.428		18-112		48	SPK: -150
13127-88-3	Phenol-d6	65.312		15-107		44	SPK: -150
4165-60-0	Nitrobenzene-d5	47.627		18-107		48	SPK: -100
321-60-8	2-Fluorobiphenyl	47.847		20-109		48	SPK: -100
118-79-6	2,4,6-Tribromophenol	94.269		10-110		63	SPK: -150
1718-51-0	Terphenyl-d14	48.177		14-112		48	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	74818	7.905				
1146-65-2	Naphthalene-d8	252432	10.704				
15067-26-2	Acenaphthene-d10	155342	14.54				
1517-22-2	Phenanthrene-d10	362834	17.304				
1719-03-5	Chrysene-d12	395228	21.392				
1520-96-3	Perylene-d12	472219	23.816				

Report of Analysis

Client:		Date Collected:	2/9/2024 12:00:00 AM
Project:		Date Received:	2/9/2024 12:00:00 AM
Client Sample ID:	PN-2(NORTH-AREA)	SDG No.:	BP021424
Lab Sample ID:	P1464-02	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	5.7
Sample Wt/Vol:	30.06 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
BP019713.D	1	2/13/2024 12:00:00 AM	2/14/2024 12:00:00 AM	PB158998

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TENTATIVE IDENTIFIED COMPOUNDS							
002051-30-1	Octane, 2,6-dimethyl-	530	J			11.728	
074645-98-0	Dodecane, 2,7,10-trimethyl-	460	J			13.081	
000582-16-1	Naphthalene, 2,7-dimethyl-	490	J			13.71	
000581-40-8	Naphthalene, 2,3-dimethyl-	490	J			13.869	
1000382-54-3	Carbonic acid, eicosyl vinyl ester	700	J			14.028	
000571-61-9	Naphthalene, 1,5-dimethyl-	280	J			14.098	
080655-44-3	Decahydro-1,1,4a,5,6-pentamethylna	280	J			14.369	
002131-42-2	Naphthalene, 1,4,6-trimethyl-	530	J			14.757	
002245-38-7	Naphthalene, 1,6,7-trimethyl-	450	J			14.945	
000829-26-5	Naphthalene, 2,3,6-trimethyl-	270	J			15.022	
004443-61-2	Eicosane, 9-cyclohexyl-	260	J			15.069	
000941-81-1	4,6,8-Trimethylazulene	360	J			15.163	
002131-41-1	Naphthalene, 1,4,5-trimethyl-	200	J			15.328	
003892-00-0	Pentadecane, 2,6,10-trimethyl-	620	J			15.804	
1000432-25-9	3-Ethyl-2,6,10-trimethylundecane	1300	J			16.287	
000613-33-2	4,4-Dimethylbiphenyl	300	J			16.657	
000629-59-4	Tetradecane	740	J			17.116	
000832-69-9	Phenanthrene, 1-methyl-	210	J			18.169	
000057-10-3	n-Hexadecanoic acid	530	J			18.198	
018835-33-1	1-Hexacosene	240	J			21.104	

Hit Summary Sheet

SW-846

SDG No.: BP021424

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
Client ID : SB-1(4-5)								
P1394-01	SB-1(4-5)	Solid	n-Hexadecanoic acid	*	800.000	J		
P1394-01	SB-1(4-5)	Solid	n-Tetracosanol-1	*	150.000	J		
P1394-01	SB-1(4-5)	Solid	Octadecanoic acid	*	340.000	J		
P1394-01	SB-1(4-5)	Solid	Triphenylphosphine oxide	*	86.400	J		
Total Tics :					1,376.40			
Total Concentration:					1,376.40			
Client ID : SB-2(3-4)								
P1394-02	SB-2(3-4)	Solid	1-Heneicosanol	*	210.000	J		
P1394-02	SB-2(3-4)	Solid	n-Hexadecanoic acid	*	360.000	J		
P1394-02	SB-2(3-4)	Solid	Octadecanoic acid	*	150.000	J		
Total Tics :					720.00			
Total Concentration:					720.00			
Client ID : B-3(10-12)								
P1395-02	B-3(10-12)	Solid	2-Phenoxy-1-phenylethanol	*	4,900.000	J		
P1395-02	B-3(10-12)	Solid	4,4-Ethylidenediphenol	*	810.000	J		
P1395-02	B-3(10-12)	Solid	6-Fluoro-N-(4-fluorophenyl)quin	*	1,000.000	J		
P1395-02	B-3(10-12)	Solid	Benzoic acid, 2-phenoxy-	*	890.000	J		
P1395-02	B-3(10-12)	Solid	Bisphenol F, acetate	*	2,200.000	J		
P1395-02	B-3(10-12)	Solid	Ethanone, 1-(2,4,5-trimethylpheny	*	1,500.000	J		
P1395-02	B-3(10-12)	Solid	Imidazole, 2-[4-methoxyphenyl]-4	*	3,300.000	J		
P1395-02	B-3(10-12)	Solid	p-Hydroxybiphenyl	*	9,300.000	J		
P1395-02	B-3(10-12)	Solid	Phenol, 2,2-methylenebis-	*	4,900.000	J		
P1395-02	B-3(10-12)	Solid	Phenol, 2-[(4-hydroxyphenyl)metl	*	48,800.000	J		
P1395-02	B-3(10-12)	Solid	Phenol, 4,4-methylenebis-	*	73,500.000	J		
P1395-02	B-3(10-12)	Solid	Phenol, p-tert-butyl-	*	10,400.000	J		
P1395-02	B-3(10-12)	Solid	unknown17.786	*	810.000	J		
P1395-02	B-3(10-12)	Solid	unknown24.562	*	4,100.000	J		
P1395-02	B-3(10-12)	Solid	unknown24.827	*	1,300.000	J		
P1395-02	B-3(10-12)	Solid	unknown25.292	*	9,200.000	J		
Total Tics :					176,910.00			
P1395-02	B-3(10-12)	Solid	1,1-Biphenyl		480.000	110	210	ug/Kg
P1395-02	B-3(10-12)	Solid	1-Methylnaphthalene		280.000	110	210	ug/Kg
P1395-02	B-3(10-12)	Solid	2,4-Dimethylphenol		7,100.000	E 120	210	ug/Kg
P1395-02	B-3(10-12)	Solid	2-Methylnaphthalene		450.000	110	210	ug/Kg
P1395-02	B-3(10-12)	Solid	2-Methylphenol		2,400.000	140	210	ug/Kg
P1395-02	B-3(10-12)	Solid	3+4-Methylphenols		9,000.000	E 130	400	ug/Kg
P1395-02	B-3(10-12)	Solid	Acenaphthene		260.000	97	210	ug/Kg
P1395-02	B-3(10-12)	Solid	Aniline		2,200.000	140	210	ug/Kg

Hit Summary Sheet SW-846

SDG No.: BP021424

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
P1395-02	B-3(10-12)	Solid	Benzo(a)anthracene	190.000	J	100	210	ug/Kg
P1395-02	B-3(10-12)	Solid	Benzo(a)pyrene	150.000	J	110	210	ug/Kg
P1395-02	B-3(10-12)	Solid	Benzo(b)fluoranthene	200.000	J	97	210	ug/Kg
P1395-02	B-3(10-12)	Solid	Benzoic acid	3,900.000	E	260	400	ug/Kg
P1395-02	B-3(10-12)	Solid	Bis(2-ethylhexyl)phthalate	17,600.000	E	140	210	ug/Kg
P1395-02	B-3(10-12)	Solid	Carbazole	110.000	J	100	210	ug/Kg
P1395-02	B-3(10-12)	Solid	Chrysene	190.000	J	100	210	ug/Kg
P1395-02	B-3(10-12)	Solid	Di-n-butylphthalate	9,800.000	E	130	210	ug/Kg
P1395-02	B-3(10-12)	Solid	Dibenzofuran	140.000	J	92.9	210	ug/Kg
P1395-02	B-3(10-12)	Solid	Fluoranthene	430.000		110	210	ug/Kg
P1395-02	B-3(10-12)	Solid	Fluorene	140.000	J	100	210	ug/Kg
P1395-02	B-3(10-12)	Solid	Naphthalene	3,200.000		98.3	210	ug/Kg
P1395-02	B-3(10-12)	Solid	Phenanthrene	340.000		110	210	ug/Kg
P1395-02	B-3(10-12)	Solid	Phenol	67,300.000	E	89.9	210	ug/Kg
P1395-02	B-3(10-12)	Solid	Pyrene	320.000		100	210	ug/Kg
P1395-02	B-3(10-12)	Solid	Total PAH	5,420.000		1722.3	3360	ug/Kg
Total Svoc :				131,600.00				
Total Concentration:				308,510.00				
Client ID : B-2(4-6)								
P1395-03	B-2(4-6)	Solid	13-Hexyloxacyclotridec-10-en-2-ol *	61,300.000	J			
P1395-03	B-2(4-6)	Solid	3-Pyridinecarboxaldehyde *	7,500.000	J			
P1395-03	B-2(4-6)	Solid	4,4-Ethylidenediphenol *	3,700.000	J			
P1395-03	B-2(4-6)	Solid	Dicyclopentadiene *	2,900.000	J			
P1395-03	B-2(4-6)	Solid	Ethanone, 1-(2,3,4-trimethylphenyl) *	6,200.000	J			
P1395-03	B-2(4-6)	Solid	p-Hydroxybiphenyl *	25,700.000	J			
P1395-03	B-2(4-6)	Solid	Phenol, 2,2-methylenebis- *	12,200.000	J			
P1395-03	B-2(4-6)	Solid	Phenol, 2,5-bis(1,1-dimethylethyl) *	5,300.000	J			
P1395-03	B-2(4-6)	Solid	Phenol, 2-(1,1-dimethylethyl)- *	3,900.000	J			
P1395-03	B-2(4-6)	Solid	Phenol, 2-[(4-hydroxyphenyl)methyl] *	56,900.000	J			
P1395-03	B-2(4-6)	Solid	Phenol, 4,4-methylenebis- *	63,400.000	J			
P1395-03	B-2(4-6)	Solid	Phenol, p-tert-butyl- *	41,100.000	J			
P1395-03	B-2(4-6)	Solid	Phenyl salicylate *	4,900.000	J			
P1395-03	B-2(4-6)	Solid	trans-1,2-Bis(methyldichlorosilyl) *	4,900.000	J			
P1395-03	B-2(4-6)	Solid	unknown18.951 *	8,800.000	J			
Total Tics :				308,700.00				
P1395-03	B-2(4-6)	Solid	1,1-Biphenyl	39,700.000	E	560	1000	ug/Kg
P1395-03	B-2(4-6)	Solid	1,2,4-Trichlorobenzene	980.000	J	480	1000	ug/Kg
P1395-03	B-2(4-6)	Solid	1,2-Dichlorobenzene	4,700.000		500	1000	ug/Kg
P1395-03	B-2(4-6)	Solid	1,3-Dichlorobenzene	830.000	J	550	1000	ug/Kg
P1395-03	B-2(4-6)	Solid	1,4-Dichlorobenzene	13,800.000		510	1000	ug/Kg
P1395-03	B-2(4-6)	Solid	1-Methylnaphthalene	1,700.000		560	1000	ug/Kg
P1395-03	B-2(4-6)	Solid	2,4-Dimethylphenol	117,100.000	E	610	1000	ug/Kg

Hit Summary Sheet SW-846

SDG No.: BP021424

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
P1395-03	B-2(4-6)	Solid	2-Methylnaphthalene	2,100.000		580	1000	ug/Kg
P1395-03	B-2(4-6)	Solid	2-Methylphenol	215,100.000	E	700	1000	ug/Kg
P1395-03	B-2(4-6)	Solid	3+4-Methylphenols	175,300.000	E	670	2000	ug/Kg
P1395-03	B-2(4-6)	Solid	Bis(2-ethylhexyl)phthalate	331,400.000	E	710	1000	ug/Kg
P1395-03	B-2(4-6)	Solid	Di-n-butylphthalate	82,400.000	E	640	1000	ug/Kg
P1395-03	B-2(4-6)	Solid	Dibenzofuran	470.000	J	470	1000	ug/Kg
P1395-03	B-2(4-6)	Solid	Naphthalene	7,800.000		500	1000	ug/Kg
P1395-03	B-2(4-6)	Solid	Phenol	852,400.000	E	460	1000	ug/Kg
Total Svoc :				1,845,780.00				
Total Concentration:				2,154,480.00				
Client ID :	B-2(6-8)							
P1395-04	B-2(6-8)	Solid	[2.2]Paracyclophane	*	860.000	J		
P1395-04	B-2(6-8)	Solid	13-Hexyloxacyclotridec-10-en-2-ol	*	6,600.000	J		
P1395-04	B-2(6-8)	Solid	4H-1,3-Benzodioxin	*	5,200.000	J		
P1395-04	B-2(6-8)	Solid	Benzene, 1,3-dimethyl-	*	2,900.000	J		
P1395-04	B-2(6-8)	Solid	n-Hexadecanoic acid	*	4,900.000	J		
P1395-04	B-2(6-8)	Solid	Oleic Acid	*	11,100.000	J		
P1395-04	B-2(6-8)	Solid	p-Hydroxybiphenyl	*	2,600.000	J		
P1395-04	B-2(6-8)	Solid	p-Hydroxyphenylacetone	*	1,300.000	J		
P1395-04	B-2(6-8)	Solid	Phenol, 2,2-methylenebis-	*	1,900.000	J		
P1395-04	B-2(6-8)	Solid	Phenol, 2-(1,1-dimethylethyl)-	*	3,000.000	J		
P1395-04	B-2(6-8)	Solid	Phenol, 2-(1,1-dimethylethyl)-4-(1-methylethyl)-	*	1,700.000	J		
P1395-04	B-2(6-8)	Solid	Phenol, 2-[(4-hydroxyphenyl)methyl]-	*	6,500.000	J		
P1395-04	B-2(6-8)	Solid	Phenol, 3-(1-methylethyl)-	*	860.000	J		
P1395-04	B-2(6-8)	Solid	Phenol, 4,4-methylenebis-	*	6,600.000	J		
P1395-04	B-2(6-8)	Solid	Phenol, 4-ethyl-3-methyl-	*	1,000.000	J		
P1395-04	B-2(6-8)	Solid	Phenol, p-tert-butyl-	*	40,400.000	J		
Total Tics :				97,420.00				
P1395-04	B-2(6-8)	Solid	1,1-Biphenyl		3,500.000	E	110	ug/Kg
P1395-04	B-2(6-8)	Solid	1,2,4-Trichlorobenzene		130.000	J	94.4	ug/Kg
P1395-04	B-2(6-8)	Solid	1,2-Dichlorobenzene		660.000		99.6	ug/Kg
P1395-04	B-2(6-8)	Solid	1,3-Dichlorobenzene		140.000	J	110	ug/Kg
P1395-04	B-2(6-8)	Solid	1,4-Dichlorobenzene		1,900.000		100	ug/Kg
P1395-04	B-2(6-8)	Solid	1-Methylnaphthalene		140.000	J	110	ug/Kg
P1395-04	B-2(6-8)	Solid	2,4-Dimethylphenol		12,600.000	E	120	ug/Kg
P1395-04	B-2(6-8)	Solid	2-Methylnaphthalene		140.000	J	120	ug/Kg
P1395-04	B-2(6-8)	Solid	2-Methylphenol		9,900.000	E	140	ug/Kg
P1395-04	B-2(6-8)	Solid	3+4-Methylphenols		10,700.000	E	130	ug/Kg
P1395-04	B-2(6-8)	Solid	Bis(2-ethylhexyl)phthalate		30,300.000	E	140	ug/Kg
P1395-04	B-2(6-8)	Solid	Di-n-butylphthalate		6,100.000	E	130	ug/Kg
P1395-04	B-2(6-8)	Solid	Naphthalene		840.000		99.2	ug/Kg
P1395-04	B-2(6-8)	Solid	Pentachlorophenol		600.000		140	ug/Kg

Hit Summary Sheet SW-846

SDG No.: BP021424

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
P1395-04	B-2(6-8)	Solid	Phenol	20,200.000	E	90.7	210	ug/Kg
Total Svoc :				97,850.00				
Total Concentration:				195,270.00				
Client ID : TP2								
P1412-01	TP2	Solid	1,3,5-Cycloheptatriene	*	140.000	J		
P1412-01	TP2	Solid	E-15-Heptadecenal	*	71.700	J		
P1412-01	TP2	Solid	n-Hexadecanoic acid	*	140.000	J		
Total Tics :				351.70				
P1412-01	TP2	Solid	Benzo(b)fluoranthene		60.400	J	54.5	120 ug/Kg
P1412-01	TP2	Solid	Fluoranthene		110.000	J	64	120 ug/Kg
P1412-01	TP2	Solid	Phenanthrene		71.000	J	62.9	120 ug/Kg
P1412-01	TP2	Solid	Phenol		750.000		50.5	120 ug/Kg
P1412-01	TP2	Solid	Pyrene		96.900	J	56.8	120 ug/Kg
Total Svoc :				1,088.30				
Total Concentration:				1,440.00				
Client ID : VNJ-222								
P1425-04	VNJ-222	Solid	Acenaphthylene		91.000	J	53	100 ug/Kg
P1425-04	VNJ-222	Solid	Anthracene		67.200	J	61.1	100 ug/Kg
P1425-04	VNJ-222	Solid	Benzo(a)anthracene		98.400	J	50.3	100 ug/Kg
P1425-04	VNJ-222	Solid	Benzo(a)pyrene		140.000		56.5	100 ug/Kg
P1425-04	VNJ-222	Solid	Benzo(b)fluoranthene		150.000		48.1	100 ug/Kg
P1425-04	VNJ-222	Solid	Benzo(g,h,i)perylene		100.000		55.4	100 ug/Kg
P1425-04	VNJ-222	Solid	Bis(2-ethylhexyl)phthalate		73.500	J	68.9	100 ug/Kg
P1425-04	VNJ-222	Solid	Chrysene		120.000		52	100 ug/Kg
P1425-04	VNJ-222	Solid	Fluoranthene		140.000		56.5	100 ug/Kg
P1425-04	VNJ-222	Solid	Indeno(1,2,3-cd)pyrene		74.500	J	64.1	100 ug/Kg
P1425-04	VNJ-222	Solid	Phenanthrene		64.300	J	55.5	100 ug/Kg
P1425-04	VNJ-222	Solid	Pyrene		180.000		50.1	100 ug/Kg
Total Svoc :				1,298.90				
Total Concentration:				1,298.90				
Client ID : ETGI-362								
P1449-01	ETGI-362	Solid	1-Heneicosanol	*	100.000	J		
P1449-01	ETGI-362	Solid	1-Phenoxypropan-2-ol	*	56.500	J		
P1449-01	ETGI-362	Solid	4H-Cyclopenta[def]phenanthrene	*	59.500	J		
P1449-01	ETGI-362	Solid	Benzo[e]pyrene	*	140.000	J		
P1449-01	ETGI-362	Solid	n-Hexadecanoic acid	*	190.000	J		
P1449-01	ETGI-362	Solid	Propylene Glycol	*	120.000	J		
P1449-01	ETGI-362	Solid	unknown14.763	*	800.000	J		
Total Tics :				1,466.00				
P1449-01	ETGI-362	Solid	Benzo(a)anthracene		170.000		58.8	120 ug/Kg
P1449-01	ETGI-362	Solid	Benzo(a)pyrene		170.000		66	120 ug/Kg

Hit Summary Sheet SW-846

SDG No.: BP021424

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
P1449-01	ETGI-362	Solid	Benzo(b)fluoranthene	220.000		56.2	120	ug/Kg
P1449-01	ETGI-362	Solid	Benzo(g,h,i)perylene	94.400	J	64.8	120	ug/Kg
P1449-01	ETGI-362	Solid	Benzo(k)fluoranthene	76.500	J	61.7	120	ug/Kg
P1449-01	ETGI-362	Solid	Chrysene	180.000		60.8	120	ug/Kg
P1449-01	ETGI-362	Solid	Fluoranthene	390.000		66.1	120	ug/Kg
P1449-01	ETGI-362	Solid	Indeno(1,2,3-cd)pyrene	84.000	J	74.9	120	ug/Kg
P1449-01	ETGI-362	Solid	Phenanthrene	180.000		64.9	120	ug/Kg
P1449-01	ETGI-362	Solid	Pyrene	310.000		58.6	120	ug/Kg
Total Svoc :						1,874.90		
Total Concentration:						3,340.90		
Client ID : TP-2								
P1453-05	TP-2	Solid	2-Pentanone, 4-hydroxy-4-methyl *	120.000	A			
P1453-05	TP-2	Solid	Benzene, 2,4-diisocyanato-1-meth *	120.000	J			
P1453-05	TP-2	Solid	Camphene *	170.000	J			
P1453-05	TP-2	Solid	Ethanol, 2-(tetradecyloxy)- *	110.000	J			
P1453-05	TP-2	Solid	n-Hexadecanoic acid *	290.000	J			
P1453-05	TP-2	Solid	Octadecanoic acid *	96.400	J			
P1453-05	TP-2	Solid	R-(-)-1,2-propanediol *	60.000	J			
Total Tics :						966.40		
Total Concentration:						966.40		
Client ID : TP-2								
P1461-01	TP-2	Solid	2-Pentanone, 4-hydroxy-4-methyl *	93.900	A			
P1461-01	TP-2	Solid	Acridin-9-amine, 1,2,3,4-tetrahyd *	100.000	J			
P1461-01	TP-2	Solid	n-Hexadecanoic acid *	160.000	J			
P1461-01	TP-2	Solid	n-Tetracosanol-1 *	98.300	J			
P1461-01	TP-2	Solid	Octadecanoic acid *	48.400	J			
Total Tics :						500.60		
Total Concentration:						500.60		
Client ID : TP-1								
P1461-04	TP-1	Solid	1-Tetracosene *	90.100	J			
P1461-04	TP-1	Solid	2-Pentanone, 4-hydroxy-4-methyl *	100.000	A			
P1461-04	TP-1	Solid	n-Hexadecanoic acid *	170.000	J			
P1461-04	TP-1	Solid	Octadecanoic acid *	44.300	J			
P1461-04	TP-1	Solid	R-(-)-1,2-propanediol *	56.300	J			
Total Tics :						460.70		
Total Concentration:						460.70		
Client ID : PN-1(SOUTH-AREA)								
P1464-01	PN-1(SOUTH-AREA)	Solid	1-(2,2-Dimethylcyclopropyl)-2-ph *	1,600.000	J			
P1464-01	PN-1(SOUTH-AREA)	Solid	3-Ethyl-2,6,10-trimethylundecane *	3,900.000	J			
P1464-01	PN-1(SOUTH-AREA)	Solid	4,6,8-Trimethylazulene *	1,700.000	J			

Hit Summary Sheet SW-846

SDG No.: BP021424

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
P1464-01	PN-1(SOUTH-AREA)	Solid	Carbonic acid, eicosyl vinyl ester	*	4,400.000	J		
P1464-01	PN-1(SOUTH-AREA)	Solid	Cyclohexane, propyl-	*	1,500.000	J		
P1464-01	PN-1(SOUTH-AREA)	Solid	Dodecane, 2,6,10-trimethyl-	*	2,900.000	J		
P1464-01	PN-1(SOUTH-AREA)	Solid	Hentriacontane	*	2,200.000	J		
P1464-01	PN-1(SOUTH-AREA)	Solid	Naphthalene, 1,4,5-trimethyl-	*	2,400.000	J		
P1464-01	PN-1(SOUTH-AREA)	Solid	Naphthalene, 1,4,6-trimethyl-	*	3,500.000	J		
P1464-01	PN-1(SOUTH-AREA)	Solid	Naphthalene, 1,4-dimethyl-	*	2,400.000	J		
P1464-01	PN-1(SOUTH-AREA)	Solid	Naphthalene, 1,6,7-trimethyl-	*	2,600.000	J		
P1464-01	PN-1(SOUTH-AREA)	Solid	Naphthalene, 1,6-dimethyl-	*	1,400.000	J		
P1464-01	PN-1(SOUTH-AREA)	Solid	Naphthalene, 2,3,6-trimethyl-	*	4,100.000	J		
P1464-01	PN-1(SOUTH-AREA)	Solid	Naphthalene, 2,3-dimethyl-	*	5,500.000	J		
P1464-01	PN-1(SOUTH-AREA)	Solid	Naphthalene, 2,7-dimethyl-	*	4,700.000	J		
P1464-01	PN-1(SOUTH-AREA)	Solid	Nonadecane	*	1,900.000	J		
P1464-01	PN-1(SOUTH-AREA)	Solid	Pentadecane, 2,6,10-trimethyl-	*	4,000.000	J		
P1464-01	PN-1(SOUTH-AREA)	Solid	unknown13.951	*	1,200.000	J		
P1464-01	PN-1(SOUTH-AREA)	Solid	unknown14.363	*	1,900.000	J		
P1464-01	PN-1(SOUTH-AREA)	Solid	unknown15.069	*	2,000.000	J		
Total Tics :					55,800.00			
P1464-01	PN-1(SOUTH-AREA)	Solid	1-Methylnaphthalene		1,100.000	99.7	190	ug/Kg
P1464-01	PN-1(SOUTH-AREA)	Solid	2-Methylnaphthalene		620.000	100	190	ug/Kg
P1464-01	PN-1(SOUTH-AREA)	Solid	Acenaphthene		240.000	88.8	190	ug/Kg
P1464-01	PN-1(SOUTH-AREA)	Solid	Anthracene		220.000	110	190	ug/Kg
P1464-01	PN-1(SOUTH-AREA)	Solid	Benzo(a)anthracene		1,000.000	92.7	190	ug/Kg
P1464-01	PN-1(SOUTH-AREA)	Solid	Benzo(a)pyrene		1,100.000	100	190	ug/Kg
P1464-01	PN-1(SOUTH-AREA)	Solid	Benzo(b)fluoranthene		1,200.000	88.8	190	ug/Kg
P1464-01	PN-1(SOUTH-AREA)	Solid	Benzo(g,h,i)perylene		590.000	100	190	ug/Kg
P1464-01	PN-1(SOUTH-AREA)	Solid	Benzo(k)fluoranthene		390.000	97.4	190	ug/Kg
P1464-01	PN-1(SOUTH-AREA)	Solid	Chrysene		1,000.000	95.9	190	ug/Kg
P1464-01	PN-1(SOUTH-AREA)	Solid	Dibenzo(a,h)anthracene		170.000	J 110	190	ug/Kg
P1464-01	PN-1(SOUTH-AREA)	Solid	Fluoranthene		2,000.000	100	190	ug/Kg
P1464-01	PN-1(SOUTH-AREA)	Solid	Fluorene		220.000	93.7	190	ug/Kg
P1464-01	PN-1(SOUTH-AREA)	Solid	Indeno(1,2,3-cd)pyrene		510.000	120	190	ug/Kg
P1464-01	PN-1(SOUTH-AREA)	Solid	Naphthalene		560.000	90	190	ug/Kg
P1464-01	PN-1(SOUTH-AREA)	Solid	Phenanthrene		880.000	100	190	ug/Kg
P1464-01	PN-1(SOUTH-AREA)	Solid	Pyrene		1,600.000	92.5	190	ug/Kg
P1464-01	PN-1(SOUTH-AREA)	Solid	Total PAH		11,680.000	1577.5	3040	ug/Kg
Total Svoc :					25,080.00			
Total Concentration:					80,880.00			
Client ID : PN-2(NORTH-AREA)								
P1464-02	PN-2(NORTH-AREA)	Solid	1-Hexacosene	*	240.000	J		
P1464-02	PN-2(NORTH-AREA)	Solid	3-Ethyl-2,6,10-trimethylundecane	*	1,300.000	J		
P1464-02	PN-2(NORTH-AREA)	Solid	4,4-Dimethylbiphenyl	*	300.000	J		

Hit Summary Sheet SW-846

SDG No.: BP021424

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
P1464-02	PN-2(NORTH-AREA)	Solid	4,6,8-Trimethylazulene	*	360.000	J		
P1464-02	PN-2(NORTH-AREA)	Solid	Carbonic acid, eicosyl vinyl ester	*	700.000	J		
P1464-02	PN-2(NORTH-AREA)	Solid	Decahydro-1,1,4a,5,6-pentamethy	*	280.000	J		
P1464-02	PN-2(NORTH-AREA)	Solid	Dodecane, 2,7,10-trimethyl-	*	460.000	J		
P1464-02	PN-2(NORTH-AREA)	Solid	Eicosane, 9-cyclohexyl-	*	260.000	J		
P1464-02	PN-2(NORTH-AREA)	Solid	n-Hexadecanoic acid	*	530.000	J		
P1464-02	PN-2(NORTH-AREA)	Solid	Naphthalene, 1,4,5-trimethyl-	*	200.000	J		
P1464-02	PN-2(NORTH-AREA)	Solid	Naphthalene, 1,4,6-trimethyl-	*	530.000	J		
P1464-02	PN-2(NORTH-AREA)	Solid	Naphthalene, 1,5-dimethyl-	*	280.000	J		
P1464-02	PN-2(NORTH-AREA)	Solid	Naphthalene, 1,6,7-trimethyl-	*	450.000	J		
P1464-02	PN-2(NORTH-AREA)	Solid	Naphthalene, 2,3,6-trimethyl-	*	270.000	J		
P1464-02	PN-2(NORTH-AREA)	Solid	Naphthalene, 2,3-dimethyl-	*	490.000	J		
P1464-02	PN-2(NORTH-AREA)	Solid	Naphthalene, 2,7-dimethyl-	*	490.000	J		
P1464-02	PN-2(NORTH-AREA)	Solid	Octane, 2,6-dimethyl-	*	530.000	J		
P1464-02	PN-2(NORTH-AREA)	Solid	Pentadecane, 2,6,10-trimethyl-	*	620.000	J		
P1464-02	PN-2(NORTH-AREA)	Solid	Phenanthrene, 1-methyl-	*	210.000	J		
P1464-02	PN-2(NORTH-AREA)	Solid	Tetradecane	*	740.000	J		
Total Tics :					9,240.00			
P1464-02	PN-2(NORTH-AREA)	Solid	1-Methylnaphthalene		210.000		95.5	180 ug/Kg
P1464-02	PN-2(NORTH-AREA)	Solid	2-Methylnaphthalene		110.000	J	100	180 ug/Kg
P1464-02	PN-2(NORTH-AREA)	Solid	Benzo(a)anthracene		120.000	J	88.8	180 ug/Kg
P1464-02	PN-2(NORTH-AREA)	Solid	Benzo(a)pyrene		140.000	J	99.8	180 ug/Kg
P1464-02	PN-2(NORTH-AREA)	Solid	Benzo(b)fluoranthene		170.000	J	85	180 ug/Kg
P1464-02	PN-2(NORTH-AREA)	Solid	Chrysene		130.000	J	91.9	180 ug/Kg
P1464-02	PN-2(NORTH-AREA)	Solid	Fluoranthene		220.000		99.9	180 ug/Kg
P1464-02	PN-2(NORTH-AREA)	Solid	Phenanthrene		230.000		98.1	180 ug/Kg
P1464-02	PN-2(NORTH-AREA)	Solid	Pyrene		200.000		88.6	180 ug/Kg
Total Svoc :					1,530.00			
Total Concentration:					10,770.00			



6C

SEMIVOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name: CHEMTECH

Contract: _____

Lab Code: CHEM Case No.: BP013124

SAS No.: BP013124

SDG No.: BP013124

Instrument ID: _____

Calibration Date(s): 1/31/2024 : _____

Calibration Time(s): 14:16 _____

LAB FILE ID:		RRF2.5 = BP019492.D		RRF005 = BP019493.D		RRF010 = BP019494.D		
		RRF020 = BP019495.D		RRF040 = BP019496.D		RRF050 = BP019497.D		
COMPOUND	RRF2.5	RRF005	RRF010	RRF020	RRF040	RRF050	RRF	% RSD
n-Nitrosodimethylamine		0.516	0.566	0.572	0.533	0.564	0.564	5.6
Pyridine		1.249	1.307	1.308	1.208	1.300	1.296	4.0
2-Fluorophenol		1.309	1.247	1.258	1.134	1.240	1.241	4.2
Benzaldehyde		1.223	1.176	1.092	1.331	1.205	1.173	10.2
Aniline		1.612	1.686	1.659	1.555	1.549	1.626	3.5
Phenol-d6		1.662	1.730	1.703	1.589	1.621	1.673	3.2
Phenol		1.662	1.724	1.685	1.584	1.628	1.667	2.9
bis(2-Chloroethyl)ether		1.324	1.345	1.330	1.250	1.243	1.297	3.3
2-Chlorophenol		1.274	1.305	1.290	1.200	1.256	1.274	3.0
1,2-Dichlorobenzene		1.596	1.573	1.550	1.428	1.505	1.528	3.6
1,3-Dichlorobenzene		1.632	1.572	1.586	1.447	1.538	1.559	3.7
1,4-Dichlorobenzene		1.601	1.637	1.617	1.458	1.575	1.579	3.7
Benzyl Alcohol		1.272	1.401	1.364	1.309	1.282	1.337	4.0
2-Methylphenol		1.087	1.179	1.149	1.096	1.069	1.123	3.8
2,2-oxybis(1-Chloropropane)		1.298	1.380	1.346	1.276	1.230	1.297	4.4
Acetophenone		0.558	0.578	0.571	0.545	0.566	0.570	2.6
3+4-Methylphenols		1.484	1.643	1.547	1.476	1.459	1.532	4.4
n-Nitroso-di-n-propylamine	1.241	1.092	1.259	1.150	1.133	1.053	1.143	6.7
Nitrobenzene-d5		0.447	0.449	0.469	0.439	0.464	0.462	3.6
Hexachloroethane		0.634	0.607	0.636	0.580	0.607	0.612	3.2
Nitrobenzene		0.455	0.461	0.466	0.441	0.466	0.465	3.1
Isophorone		0.790	0.857	0.803	0.782	0.805	0.804	3.1
2-Nitrophenol		0.154	0.165	0.174	0.174	0.187	0.177	8.2
2,4-Dimethylphenol		0.218	0.226	0.228	0.219	0.227	0.227	2.7
bis(2-Chloroethoxy)methane		0.451	0.472	0.453	0.445	0.454	0.455	2.1
2,4-Dichlorophenol		0.333	0.336	0.343	0.330	0.349	0.343	2.9
1,2,4-Trichlorobenzene		0.445	0.404	0.422	0.397	0.421	0.420	3.7
Benzoic acid		0.183	0.202	0.212	0.222	0.236	0.221	10.7
Naphthalene		1.116	1.116	1.092	1.038	1.095	1.097	2.6
4-Chloroaniline		0.389	0.425	0.407	0.391	0.413	0.406	3.1
Hexachlorobutadiene		0.316	0.298	0.314	0.297	0.318	0.311	3.1
Caprolactam		0.094	0.107	0.093	0.088	0.110	0.097	8.6
4-Chloro-3-methylphenol		0.360	0.404	0.367	0.358	0.386	0.373	4.4
2-Methylnaphthalene		0.754	0.809	0.756	0.730	0.756	0.759	3.3
Hexachlorocyclopentadiene		0.333	0.291	0.357	0.353	0.349	0.348	8.6
2,4,6-Trichlorophenol		0.450	0.446	0.467	0.453	0.465	0.467	4.3

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.: BP013124

SAS No.: BP013124

SDG No.: BP013124

Instrument ID: _____

Calibration Date(s): 1/31/2024 : _____

Calibration Time(s): 14:16 _____

LAB FILE ID:		RRF2.5 = BP019492.D		RRF005 = BP019493.D		RRF010 = BP019494.D		
		RRF020 = BP019495.D		RRF040 = BP019496.D		RRF050 = BP019497.D		
COMPOUND	RRF2.5	RRF005	RRF010	RRF020	RRF040	RRF050	RRF	% RSD
2-Fluorobiphenyl		1.632	1.560	1.655	1.557	1.553	1.618	3.7
2,4,5-Trichlorophenol		0.480	0.499	0.513	0.495	0.519	0.513	4.6
1,1-Biphenyl		1.612	1.549	1.623	1.539	1.533	1.596	3.5
2-Chloronaphthalene		1.338	1.277	1.327	1.249	1.260	1.310	3.6
2-Nitroaniline		0.330	0.345	0.363	0.349	0.387	0.366	7.4
Dimethylphthalate		1.579	1.553	1.513	1.415	1.598	1.531	3.9
Acenaphthylene		1.840	1.838	1.848	1.734	1.830	1.838	2.9
2,6-Dinitrotoluene		0.308	0.338	0.332	0.317	0.358	0.336	5.6
3-Nitroaniline		0.281	0.313	0.307	0.278	0.340	0.309	7.6
Acenaphthene		1.151	1.142	1.140	1.082	1.134	1.141	2.6
2,4-Dinitrophenol			0.147	0.155	0.158	0.201	0.175	14.1
4-Nitrophenol		0.241	0.248	0.242	0.218	0.291	0.253	10.1
Dibenzofuran		1.874	1.881	1.869	1.730	1.878	1.858	3.1
2,4-Dinitrotoluene		0.378	0.433	0.428	0.407	0.506	0.441	10.0
Diethylphthalate		1.604	1.533	1.487	1.366	1.677	1.523	6.5
4-Chlorophenyl-phenylether		0.852	0.834	0.828	0.775	0.862	0.832	3.3
Fluorene		1.520	1.476	1.469	1.365	1.541	1.480	3.8
4-Nitroaniline		0.320	0.323	0.304	0.276	0.375	0.324	10.3
4,6-Dinitro-2-methylphenol		0.090	0.096	0.107	0.115	0.126	0.114	14.8
n-Nitrosodiphenylamine		0.574	0.597	0.603	0.604	0.572	0.599	3.9
Azobenzene		1.497	1.511	1.464	1.351	1.557	1.473	4.3
2,4,6-Tribromophenol		0.281	0.283	0.282	0.269	0.328	0.292	6.9
4-Bromophenyl-phenylether		0.237	0.245	0.254	0.256	0.243	0.250	4.3
Hexachlorobenzene		0.287	0.291	0.294	0.289	0.280	0.292	3.3
Atrazine		0.229	0.213	0.206	0.191	0.201	0.199	10.1
Pentachlorophenol		0.160	0.170	0.177	0.180	0.196	0.182	7.7
Phenanthrene		1.054	1.055	1.051	0.992	1.053	1.053	2.9
Anthracene		1.044	1.051	1.046	1.001	1.057	1.050	2.5
Carbazole		0.988	0.944	0.945	0.852	0.994	0.954	5.3
Di-n-butylphthalate		1.235	1.066	1.139	1.068	1.279	1.153	6.9
Fluoranthene		1.395	1.191	1.267	1.116	1.406	1.286	8.8
Benzidine		0.391	0.697	0.250	0.378	0.460	0.418	33.1
Pyrene		1.302	1.617	1.354	1.396	1.368	1.412	8.0
Terphenyl-d14		1.146	1.343	1.164	1.214	1.209	1.216	6.2
Butylbenzylphthalate		0.508	0.517	0.524	0.525	0.562	0.527	3.6
3,3-Dichlorobenzidine		0.519	0.488	0.521	0.494	0.524	0.513	3.3

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.: BP013124

SAS No.: BP013124

SDG No.: BP013124

Instrument ID: _____

Calibration Date(s): 1/31/2024 : _____

Calibration Time(s): 14:16 _____

LAB FILE ID:		RRF2.5 = BP019492.D			RRF005 = BP019493.D		RRF010 = BP019494.D	
		RRF020 = BP019495.D			RRF040 = BP019496.D		RRF050 = BP019497.D	
COMPOUND	RRF2.5	RRF005	RRF010	RRF020	RRF040	RRF050	RRF	% RSD
Benzo(a)anthracene		1.416	1.401	1.413	1.341	1.416	1.408	2.3
Chrysene		1.336	1.325	1.348	1.271	1.333	1.337	2.6
Bis(2-ethylhexyl)phthalate		0.859	0.743	0.833	0.798	0.861	0.803	6.1
Di-n-octyl phthalate		1.480	1.234	1.502	1.419	1.492	1.412	6.6
Benzo(b)fluoranthene		1.291	1.201	1.236	1.227	1.284	1.261	3.1
Benzo(k)fluoranthene		1.196	1.204	1.218	1.131	1.243	1.204	3.1
Benzo(a)pyrene		1.105	1.105	1.111	1.074	1.140	1.122	2.8
Indeno(1,2,3-cd)pyrene		1.479	1.568	1.515	1.479	1.479	1.531	4.0
Dibenzo(a,h)anthracene		1.212	1.287	1.242	1.226	1.221	1.259	3.9
Benzo(g,h,i)perylene		1.223	1.346	1.262	1.239	1.213	1.277	4.9
1,2,4,5-Tetrachlorobenzene		0.783	0.724	0.780	0.735	0.742	0.771	5.0
1,4-Dioxane		0.522	0.477	0.493	0.420	0.493	0.478	6.5
2,3,4,6-Tetrachlorophenol		0.419	0.421	0.428	0.401	0.468	0.431	5.2
1-Methylnaphthalene		0.754	0.780	0.746	0.718	0.744	0.746	2.6

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: CHEMTECHLab Code: CHEM Case No.: BP021424 SAS No.: BP021424 SDG NO.: BP021424EPA Sample No.: SSTDICCC040 Date Analyzed: Feb 14 2024 12:00AMLab File ID: BP019496.D Time Analyzed: 10:52Instrument ID: BNA_P GC Column: ZB-GR ID: 0.25 (mm)

		IS1 (DCB) AREA #	RT #	IS2 (NPT) AREA #	RT #	IS3 (ANT) AREA #	RT #
	12 HOUR STD	111500	7.916	434544	10.72	271443	14.55
	UPPER LIMIT	223000	8.416	869088	11.216	542886	15.051
	LOWER LIMIT	55750	7.416	217272	10.216	135721.5	14.051
	EPA SAMPLE NO.						
01	PB158998BL	59449	7.91	207320 *	10.70	131138 *	14.54
02	PB158998BS	69247	7.90	253060	10.70	165831	14.54
03	PB158849TB	60454	7.91	208947 *	10.70	134865 *	14.54
04	PB158884TB	56723	7.90	202650 *	10.70	125373 *	14.54
05	PB158960BS	69594	7.91	265254	10.70	182986	14.54
06	SB-1 (4-5)	53085 *	7.91	188277 *	10.70	120754 *	14.54
07	SB-2 (3-4)	62623	7.91	226519	10.71	148693	14.53
08	TP-2	70148	7.91	258127	10.70	166910	14.54
09	TP-2	64104	7.91	222251	10.70	133610 *	14.53
10	TP-1	63696	7.91	232083	10.71	156695	14.53
11	TP-1MS	67015	7.90	243463	10.70	161147	14.54
12	TP-1MSD	61825	7.90	224507	10.70	141258	14.53
13	ETGI-362	74089	7.90	279361	10.70	189195	14.53
14	TP2	58025	7.90	215633 *	10.70	141315	14.53
15	B-2 (4-6)	56684	7.91	218005	10.70	288357	14.55
16	B-2 (6-8)	72474	7.91	260162	10.70	260368	14.55
17	PN-1 (SOUTH-AREA)	69632	7.91	248353	10.70	162950	14.54
18	B-3 (10-12)	82328	7.90	287930	10.70	191336	14.54
19	VNJ-222	81902	7.91	306010	10.70	199240	14.54
20	PN-2 (NORTH-AREA)	74818	7.91	252432	10.70	155342	14.54

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BP021424 SAS No.: BP021424 SDG NO.: BP021424

EPA Sample No.: SSTDICCC040 Date Analyzed: Feb 14 2024 12:00AM

Lab File ID: BP019496.D Time Analyzed: 21:44

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

	IS1 (DCB) AREA #	RT #	IS2 (NPT) AREA #	RT #	IS3 (ANT) AREA #	RT #
12 HOUR STD	111500	7.916	434544	10.72	271443	14.55
UPPER LIMIT	223000	8.416	869088	11.216	542886	15.051
LOWER LIMIT	55750	7.416	217272	10.216	135721.5	14.051
EPA SAMPLE NO.						

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

IS2 (NPT) = Naphthalene-d8

IS3 (ANT) = Acenaphthene-d10

AREA UPPER LIMIT = +100% of internal standard area

AREA LOWER LIMIT = -50% of internal standard area

RT UPPER LIMIT = +0.50 minutes of internal standard RT

RT UPPER LIMIT = -0.50 minutes of internal standard RT

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

* Values outside of QC limits.



8B

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECHLab Code: CHEM Case No.: BP021424 SAS No.: BP021424 SDG NO.: BP021424EPA Sample No.: SSTDCCC040 Date Analyzed: Feb 14 2024 12:00AMLab File ID: BP019693.D Time Analyzed: 10:52Instrument ID: BNA_P GC Column: ZB-GR ID: 0.25 (mm)

		IS1 (DCB) AREA #	RT #	IS2 (NPT) AREA #	RT #	IS3 (ANT) AREA #	RT #
	12 HOUR STD	81930	7.905	298500	10.71	199204	14.55
	UPPER LIMIT	163860	8.405	597000	11.21	398408	15.045
	LOWER LIMIT	40965	7.405	149250	10.21	99602	14.045
	EPA SAMPLE NO.						
01	PB158998BL	59449	7.91	207320	10.70	131138	14.54
02	PB158998BS	69247	7.90	253060	10.70	165831	14.54
03	PB158849TB	60454	7.91	208947	10.70	134865	14.54
04	PB158884TB	56723	7.90	202650	10.70	125373	14.54
05	PB158960BS	69594	7.91	265254	10.70	182986	14.54
06	SB-1 (4-5)	53085	7.91	188277	10.70	120754	14.54
07	SB-2 (3-4)	62623	7.91	226519	10.71	148693	14.53
08	TP-2	70148	7.91	258127	10.70	166910	14.54
09	TP-2	64104	7.91	222251	10.70	133610	14.53
10	TP-1	63696	7.91	232083	10.71	156695	14.53
11	TP-1MS	67015	7.90	243463	10.70	161147	14.54
12	TP-1MSD	61825	7.90	224507	10.70	141258	14.53
13	ETGI-362	74089	7.90	279361	10.70	189195	14.53
14	TP2	58025	7.90	215633	10.70	141315	14.53
15	B-2 (4-6)	56684	7.91	218005	10.70	288357	14.55
16	B-2 (6-8)	72474	7.91	260162	10.70	260368	14.55
17	PN-1 (SOUTH-AREA)	69632	7.91	248353	10.70	162950	14.54
18	B-3 (10-12)	82328	7.90	287930	10.70	191336	14.54
19	VNJ-222	81902	7.91	306010	10.70	199240	14.54
20	PN-2 (NORTH-AREA)	74818	7.91	252432	10.70	155342	14.54

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BP021424 SAS No.: BP021424 SDG NO.: BP021424

EPA Sample No.: SSTDCCC040 Date Analyzed: Feb 14 2024 12:00AM

Lab File ID: BP019693.D Time Analyzed: 21:44

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

	IS1 (DCB) AREA #	RT #	IS2 (NPT) AREA #	RT #	IS3 (ANT) AREA #	RT #
12 HOUR STD	81930	7.905	298500	10.71	199204	14.55
UPPER LIMIT	163860	8.405	597000	11.21	398408	15.045
LOWER LIMIT	40965	7.405	149250	10.21	99602	14.045
EPA SAMPLE NO.						

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

IS2 (NPT) = Naphthalene-d8

IS3 (ANT) = Acenaphthene-d10

AREA UPPER LIMIT = +100% of internal standard area

AREA LOWER LIMIT = -50% of internal standard area

RT UPPER LIMIT = +0.50 minutes of internal standard RT

RT UPPER LIMIT = -0.50 minutes of internal standard RT

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

* Values outside of QC limits.

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BP021424 SAS No.: BP021424 SDG NO.: BP021424

EPA Sample No.: SSTDICCC040 Date Analyzed: Feb 14 2024 12:00AM

Lab File ID: BP019496.D Time Analyzed: 10:52

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

	IS4 (PHN) AREA #	RT #	IS5 (CRY) AREA #	RT #	IS6 (PRY) AREA #	RT #
12 HOUR STD	502273	17.304	407972	21.392	504101	23.815
UPPER LIMIT	1004546	17.804	815944	21.892	1008202	24.315
LOWER LIMIT	251136.5	16.804	203986	20.892	252050.5	23.315
EPA SAMPLE NO.						
01 PB158998BL	306872	17.30	314591	21.39	383738	23.81
02 PB158998BS	387568	17.30	365525	21.39	427227	23.81
03 PB158849TB	327495	17.30	342897	21.39	418430	23.81
04 PB158884TB	292767	17.30	299559	21.39	367875	23.81
05 PB158960BS	438441	17.30	435425	21.39	495524	23.81
06 SB-1 (4-5)	290713	17.29	330799	21.39	405067	23.80
07 SB-2 (3-4)	358719	17.29	368250	21.39	416082	23.80
08 TP-2	398685	17.29	432656	21.39	501110	23.80
09 TP-2	302431	17.29	294185	21.39	340196	23.80
10 TP-1	375391	17.29	393519	21.39	437953	23.80
11 TP-1MS	384069	17.29	393735	21.39	455425	23.81
12 TP-1MSD	325965	17.29	353333	21.39	444319	23.80
13 ETGI-362	455308	17.29	450574	21.39	509289	23.80
14 TP2	358222	17.29	371289	21.39	425695	23.80
15 B-2 (4-6)	363864	17.29	364726	21.39	434180	23.81
16 B-2 (6-8)	305813	17.29	337184	21.39	419687	23.81
17 PN-1 (SOUTH-AREA)	377662	17.30	416481	21.39	482734	23.80
18 B-3 (10-12)	428306	17.29	431300	21.39	505631	23.82
19 VNJ-222	437178	17.30	424192	21.39	500462	23.82
20 PN-2 (NORTH-AREA)	362834	17.30	395228	21.39	472219	23.82

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BP021424 SAS No.: BP021424 SDG NO.: BP021424

EPA Sample No.: SSTDICCC040 Date Analyzed: Feb 14 2024 12:00AM

Lab File ID: BP019496.D Time Analyzed: 21:44

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

	IS4 (PHN) AREA #	RT #	IS5 (CRY) AREA #	RT #	IS6 (PRY) AREA #	RT #
12 HOUR STD	502273	17.304	407972	21.392	504101	23.815
UPPER LIMIT	1004546	17.804	815944	21.892	1008202	24.315
LOWER LIMIT	251136.5	16.804	203986	20.892	252050.5	23.315
EPA SAMPLE NO.						

IS4 (PHN) = Phenanthrene-d10

IS5 (CRY) = Chrysene-d12

IS6 (PRY) = Perylene-d12

AREA UPPER LIMIT = +100% of internal standard area

AREA LOWER LIMIT = -50% of internal standard area

RT UPPER LIMIT = +0.50 minutes of internal standard RT

RT UPPER LIMIT = -0.50 minutes of internal standard RT

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

* Values outside of QC limits.

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BP021424 SAS No.: BP021424 SDG NO.: BP021424

EPA Sample No.: SSTDCCC040 Date Analyzed: Feb 14 2024 12:00AM

Lab File ID: BP019693.D Time Analyzed: 10:52

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

	IS4 (PHN) AREA #	RT #	IS5 (CRY) AREA #	RT #	IS6 (PRY) AREA #	RT #
12 HOUR STD	464525	17.298	462215	21.392	557182	23.815
UPPER LIMIT	929050	17.798	924430	21.892	1114364	24.315
LOWER LIMIT	232262.5	16.798	231107.5	20.892	278591	23.315
EPA SAMPLE NO.						
01 PB158998BL	306872	17.30	314591	21.39	383738	23.81
02 PB158998BS	387568	17.30	365525	21.39	427227	23.81
03 PB158849TB	327495	17.30	342897	21.39	418430	23.81
04 PB158884TB	292767	17.30	299559	21.39	367875	23.81
05 PB158960BS	438441	17.30	435425	21.39	495524	23.81
06 SB-1 (4-5)	290713	17.29	330799	21.39	405067	23.80
07 SB-2 (3-4)	358719	17.29	368250	21.39	416082	23.80
08 TP-2	398685	17.29	432656	21.39	501110	23.80
09 TP-2	302431	17.29	294185	21.39	340196	23.80
10 TP-1	375391	17.29	393519	21.39	437953	23.80
11 TP-1MS	384069	17.29	393735	21.39	455425	23.81
12 TP-1MSD	325965	17.29	353333	21.39	444319	23.80
13 ETGI-362	455308	17.29	450574	21.39	509289	23.80
14 TP2	358222	17.29	371289	21.39	425695	23.80
15 B-2 (4-6)	363864	17.29	364726	21.39	434180	23.81
16 B-2 (6-8)	305813	17.29	337184	21.39	419687	23.81
17 PN-1 (SOUTH-AREA)	377662	17.30	416481	21.39	482734	23.80
18 B-3 (10-12)	428306	17.29	431300	21.39	505631	23.82
19 VNJ-222	437178	17.30	424192	21.39	500462	23.82
20 PN-2 (NORTH-AREA)	362834	17.30	395228	21.39	472219	23.82



8C

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECHLab Code: CHEM Case No.: BP021424 SAS No.: BP021424 SDG NO.: BP021424EPA Sample No.: SSTDCCC040 Date Analyzed: Feb 14 2024 12:00AMLab File ID: BP019693.D Time Analyzed: 21:44Instrument ID: BNA_P GC Column: ZB-GR ID: 0.25 (mm)

	IS4 (PHN) AREA #	RT #	IS5 (CRY) AREA #	RT #	IS6 (PRY) AREA #	RT #
12 HOUR STD	464525	17.298	462215	21.392	557182	23.815
UPPER LIMIT	929050	17.798	924430	21.892	1114364	24.315
LOWER LIMIT	232262.5	16.798	231107.5	20.892	278591	23.315
EPA SAMPLE NO.						

IS4 (PHN) = Phenanthrene-d10

IS5 (CRY) = Chrysene-d12

IS6 (PRY) = Perylene-d12

AREA UPPER LIMIT = +100% of internal standard area

AREA LOWER LIMIT = -50% of internal standard area

RT UPPER LIMIT = +0.50 minutes of internal standard RT

RT UPPER LIMIT = -0.50 minutes of internal standard RT

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

* Values outside of QC limits.

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary
SW-846

SDG No.: BP021424

Client: _____

Analytical Method: 8270E

DataFile: _____

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	RPD	Limits		RPD
								Qual	Low	High	
PB158960BS	n-Nitrosodimethylamine	50	40.7	ug/L	81				55	108	
	Pyridine	50	30.7	ug/L	61				29	97	
	Benzaldehyde	50	8.8	ug/L	18				15	121	
	Aniline	50	36.9	ug/L	74				10	130	
	Phenol	50	44.8	ug/L	90				66	118	
	bis(2-Chloroethyl)ether	50	40.8	ug/L	82				62	103	
	2-Chlorophenol	50	45.7	ug/L	91				70	117	
	1,2-Dichlorobenzene	50	40.3	ug/L	81				72	102	
	1,3-Dichlorobenzene	50	40.7	ug/L	81				71	103	
	1,4-Dichlorobenzene	50	41.2	ug/L	82				76	103	
	Benzyl Alcohol	50	45.5	ug/L	91				36	93	
	2-Methylphenol	50	44.3	ug/L	89				69	109	
	2,2-oxybis(1-Chloropropane)	50	39	ug/L	78				52	103	
	Acetophenone	50	41.6	ug/L	83				60	104	
	3+4-Methylphenols	50	44.9	ug/L	90				67	106	
	N-Nitroso-di-n-propylamine	50	40.1	ug/L	80				57	107	
	Hexachloroethane	50	39.8	ug/L	80				76	118	
	Nitrobenzene	50	39.8	ug/L	80				58	106	
	Isophorone	50	41.5	ug/L	83				61	102	
	2-Nitrophenol	50	48.1	ug/L	96				70	115	
	2,4-Dimethylphenol	50	52	ug/L	104				67	130	
	bis(2-Chloroethoxy)methane	50	41.3	ug/L	83				58	109	
	2,4-Dichlorophenol	50	47.9	ug/L	96				66	115	
	1,2,4-Trichlorobenzene	50	42.2	ug/L	84				41	115	
	Benzoic acid	50	54	ug/L	108				10	125	
	Naphthalene	50	41.2	ug/L	82				64	107	
	4-Chloroaniline	50	24.3	ug/L	49				10	85	
	Hexachlorobutadiene	50	41.3	ug/L	83				69	101	
	Caprolactam	50	55.3	ug/L	111				58	128	
	4-Chloro-3-methylphenol	50	48.8	ug/L	98				65	114	
	2-Methylnaphthalene	50	43.1	ug/L	86				64	107	
	Hexachlorocyclopentadiene	100	130	ug/L	130				36	160	
	2,4,6-Trichlorophenol	50	48.5	ug/L	97				61	110	
	2,4,5-Trichlorophenol	50	48.8	ug/L	98				70	106	
	1,1-Biphenyl	50	41.4	ug/L	83				72	98	
	2-Chloronaphthalene	50	40.4	ug/L	81				59	106	
	2-Nitroaniline	50	48.3	ug/L	97				58	107	
	Dimethylphthalate	50	46.8	ug/L	94				64	103	
	Acenaphthylene	50	47.1	ug/L	94				65	108	
	2,6-Dinitrotoluene	50	47.3	ug/L	95				64	110	
	3-Nitroaniline	50	37.4	ug/L	75				28	100	
	Acenaphthene	50	42.6	ug/L	85				59	113	
	Total PAH	800	718.1	ug/L	90				59	113	
	2,4-Dinitrophenol	100	130	ug/L	130				64	132	
	4-Nitrophenol	100	110	ug/L	110				68	116	
	Dibenzofuran	50	45.3	ug/L	91				65	106	



Laboratory Control Sample/Laboratory Control Sample Duplicate Summary
SW-846

SDG No.: BP021424

Client: _____

Analytical Method: 8270E

DataFile: _____

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	RPD	Limits		RPD
								Qual	Low	High	
PB158960BS	2,4-Dinitrotoluene/2,6-Dinitrotoluene	100	100	ug/L	100				60	115	
	2,4-Dinitrotoluene	50	52.7	ug/L	105				60	115	
	Diethylphthalate	50	48	ug/L	96				63	105	
	4-Chlorophenyl-phenylether	50	46.4	ug/L	93				61	104	
	Fluorene	50	46.7	ug/L	93				64	107	
	4-Nitroaniline	50	48.3	ug/L	97				69	112	
	4,6-Dinitro-2-methylphenol	50	55.7	ug/L	111				62	132	
	N-Nitrosodiphenylamine	50	42.9	ug/L	86				61	109	
	Azobenzene	50	44.5	ug/L	89				59	106	
	4-Bromophenyl-phenylether	50	44.3	ug/L	89				73	103	
	Hexachlorobenzene	50	43.9	ug/L	88				73	106	
	Atrazine	50	54.1	ug/L	108				76	120	
	Pentachlorophenol	100	100	ug/L	100				47	114	
	Phenanthrene	50	45.4	ug/L	91				62	109	
	Anthracene	50	46.2	ug/L	92				65	110	
	Carbazole	50	46	ug/L	92				62	106	
	Di-n-butylphthalate	50	45.9	ug/L	92				64	106	
	Fluoranthene	50	47.2	ug/L	94				64	110	
	Benzidine	100	47	ug/L	47				10	94	
	Pyrene	50	44.6	ug/L	89				71	103	
	Butylbenzylphthalate	50	44.8	ug/L	90				61	105	
	3,3-Dichlorobenzidine	50	38.9	ug/L	78				43	108	
	Benzo(a)anthracene	50	45.7	ug/L	91				62	107	
	Chrysene	50	44.7	ug/L	89				61	108	
	bis(2-Ethylhexyl)phthalate	50	41.5	ug/L	83				59	110	
	Di-n-octyl phthalate	50	40.6	ug/L	81				67	126	
	Benzo(b)fluoranthene	50	45.2	ug/L	90				77	113	
	Benzo(k)fluoranthene	50	45	ug/L	90				64	113	
	Benzo(a)pyrene	50	46	ug/L	92				72	131	
	Indeno(1,2,3-cd)pyrene	50	44.3	ug/L	89				72	105	
	Dibenz(a,h)anthracene	50	44.5	ug/L	89				78	115	
	Benzo(g,h,i)perylene	50	41.7	ug/L	83				75	118	
	1,2,4,5-Tetrachlorobenzene	50	43.3	ug/L	87				72	101	
	1,4-Dioxane	50	29.9	ug/L	60				38	125	
	2,3,4,6-Tetrachlorophenol	50	56.5	ug/L	113				63	116	
	1-Methylnaphthalene	50	42	ug/L	84				51	114	



Laboratory Control Sample/Laboratory Control Sample Duplicate Summary
SW-846

SDG No.: BP021424

Client:

Analytical Method: 8270E

DataFile:

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	RPD	Limits		RPD
								Qual	Low	High	
PB158998BS	n-Nitrosodimethylamine	1700	1400	ug/Kg	82				57	103	
	Pyridine	1700	1100	ug/Kg	65				28	98	
	Benzaldehyde	1700	0	ug/Kg	0		*		10	147	
	Aniline	1700	970	ug/Kg	57				38	100	
	Phenol	1700	1500	ug/Kg	88				62	112	
	bis(2-Chloroethyl)ether	1700	1400	ug/Kg	82				60	101	
	2-Chlorophenol	1700	1500	ug/Kg	88				65	112	
	1,2-Dichlorobenzene	1700	1400	ug/Kg	82				51	102	
	1,3-Dichlorobenzene	1700	1400	ug/Kg	82				52	99	
	1,4-Dichlorobenzene	1700	1400	ug/Kg	82				52	100	
	Benzyl Alcohol	1700	1500	ug/Kg	88				42	116	
	2-Methylphenol	1700	1500	ug/Kg	88				61	108	
	2,2-oxybis(1-Chloropropane)	1700	1400	ug/Kg	82				51	100	
	Acetophenone	1700	1500	ug/Kg	88				55	104	
	3+4-Methylphenols	1700	1500	ug/Kg	88				58	111	
	N-Nitroso-di-n-propylamine	1700	1300	ug/Kg	76				63	95	
	Hexachloroethane	1700	1400	ug/Kg	82				72	108	
	Nitrobenzene	1700	1400	ug/Kg	82				57	101	
	Isophorone	1700	1400	ug/Kg	82				59	99	
	2-Nitrophenol	1700	1700	ug/Kg	100				61	111	
	2,4-Dimethylphenol	1700	1800	ug/Kg	106				67	119	
	bis(2-Chloroethoxy)methane	1700	1400	ug/Kg	82				53	105	
	2,4-Dichlorophenol	1700	1600	ug/Kg	94				62	107	
	1,2,4-Trichlorobenzene	1700	1500	ug/Kg	88				44	110	
	Benzoic acid	1700	1800	ug/Kg	106				10	140	
	Naphthalene	1700	1400	ug/Kg	82				62	100	
	4-Chloroaniline	1700	440	ug/Kg	26				16	100	
	Hexachlorobutadiene	1700	1500	ug/Kg	88				53	98	
	Caprolactam	1700	1700	ug/Kg	100				67	110	
	4-Chloro-3-methylphenol	1700	1600	ug/Kg	94				58	112	
	2-Methylnaphthalene	1700	1500	ug/Kg	88				60	104	
	Hexachlorocyclopentadiene	3300	4500	ug/Kg	136		*		45	134	
	2,4,6-Trichlorophenol	1700	1600	ug/Kg	94				59	102	
	2,4,5-Trichlorophenol	1700	1600	ug/Kg	94				61	98	
	1,1-Biphenyl	1700	1500	ug/Kg	88				57	103	
	2-Chloronaphthalene	1700	1400	ug/Kg	82				58	99	
	2-Nitroaniline	1700	1600	ug/Kg	94				66	101	
	Dimethylphthalate	1700	1600	ug/Kg	94				61	99	
	Acenaphthylene	1700	1600	ug/Kg	94				63	101	
	2,6-Dinitrotoluene	1700	1600	ug/Kg	94				61	104	
	3-Nitroaniline	1700	1200	ug/Kg	71				28	100	
	Acenaphthene	1700	1500	ug/Kg	88				57	104	
	Total PAH	27200	24500	ug/Kg	90				57	104	
	2,4-Dinitrophenol	3300	4400	ug/Kg	133		*		37	128	
	4-Nitrophenol	3300	3600	ug/Kg	109				48	119	
	Dibenzofuran	1700	1600	ug/Kg	94				63	99	



Laboratory Control Sample/Laboratory Control Sample Duplicate Summary
SW-846

SDG No.: BP021424

Client: _____

Analytical Method: **8270E**

DataFile: _____

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	RPD	Limits		RPD
								Qual	Low	High	
PB158998BS	2,4-Dinitrotoluene	1700	1700	ug/Kg	100				60	106	
	2,4-Dinitrotoluene/2,6-Dinitro	3400	3300	ug/Kg	97				60	106	
	Diethylphthalate	1700	1600	ug/Kg	94				60	101	
	4-Chlorophenyl-phenylether	1700	1600	ug/Kg	94				58	98	
	Fluorene	1700	1600	ug/Kg	94				61	101	
	4-Nitroaniline	1700	1500	ug/Kg	88				64	103	
	4,6-Dinitro-2-methylphenol	1700	1800	ug/Kg	106				76	113	
	N-Nitrosodiphenylamine	1700	1500	ug/Kg	88				56	107	
	Azobenzene	1700	1500	ug/Kg	88				54	103	
	4-Bromophenyl-phenylether	1700	1500	ug/Kg	88				55	99	
	Hexachlorobenzene	1700	1500	ug/Kg	88				64	98	
	Atrazine	1700	1700	ug/Kg	100				67	113	
	Pentachlorophenol	3300	3400	ug/Kg	103				67	105	
	Phenanthrene	1700	1500	ug/Kg	88				59	103	
	Anthracene	1700	1500	ug/Kg	88				61	105	
	Carbazole	1700	1500	ug/Kg	88				61	99	
	Di-n-butylphthalate	1700	1500	ug/Kg	88				58	104	
	Fluoranthene	1700	1500	ug/Kg	88				57	107	
	Benzidine	3300	1200	ug/Kg	36				10	98	
	Pyrene	1700	1500	ug/Kg	88				59	103	
	Butylbenzylphthalate	1700	1500	ug/Kg	88				55	103	
	3,3-Dichlorobenzidine	1700	1300	ug/Kg	76				42	91	
	Benzo(a)anthracene	1700	1600	ug/Kg	94				60	102	
	Chrysene	1700	1500	ug/Kg	88				59	101	
	bis(2-Ethylhexyl)phthalate	1700	1400	ug/Kg	82				63	111	
	Di-n-octyl phthalate	1700	1300	ug/Kg	76				70	108	
	Benzo(b)fluoranthene	1700	1500	ug/Kg	88				62	109	
	Benzo(k)fluoranthene	1700	1500	ug/Kg	88				62	109	
	Benzo(a)pyrene	1700	1600	ug/Kg	94				63	103	
	Indeno(1,2,3-cd)pyrene	1700	1600	ug/Kg	94				63	101	
	Dibenz(a,h)anthracene	1700	1600	ug/Kg	94				61	112	
	Benzo(g,h,i)perylene	1700	1500	ug/Kg	88				70	108	
	1,2,4,5-Tetrachlorobenzene	1700	1500	ug/Kg	88				53	101	
	1,4-Dioxane	1700	1100	ug/Kg	65				50	96	
	2,3,4,6-Tetrachlorophenol	1700	1800	ug/Kg	106				59	108	
	1-Methylnaphthalene	1700	1400	ug/Kg	82				70	130	



4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

TP2

Lab Name: CHEMTECH

Contract: _____

Lab Code: CHEM Case No.: BP021424SAS No.: BP021424 SDG NO.: BP021424Lab File ID: BP019707.DLab Sample ID: P1412-01Instrument ID: BNA_PDate Extracted: 02/08/2024Matrix: (soil/water) SolidDate Analyzed: 02/14/2024Level: (low/med) LOWTime Analyzed: 18:21

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
TP2	P1412-01	BP019707.D	02/14/2024

COMMENTS: _____



4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

B-2 (4-6)

Lab Name: CHEMTECH

Contract: _____

Lab Code: CHEM Case No.: BP021424SAS No.: BP021424 SDG NO.: BP021424Lab File ID: BP019708.DLab Sample ID: P1395-03Instrument ID: BNA_PDate Extracted: 02/09/2024Matrix: (soil/water) SolidDate Analyzed: 02/14/2024Level: (low/med) LOWTime Analyzed: 18:55

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
B-2 (4-6)	P1395-03	BP019708.D	02/14/2024
B-2 (6-8)	P1395-04	BP019709.D	02/14/2024
B-3 (10-12)	P1395-02	BP019711.D	02/14/2024
VNJ-222	P1425-04	BP019712.D	02/14/2024
SB-1 (4-5)	P1394-01	BP019699.D	02/14/2024
SB-2 (3-4)	P1394-02	BP019700.D	02/14/2024

COMMENTS: _____



4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

PB158849TB

Lab Name: CHEMTECH

Contract: _____

Lab Code: CHEM Case No.: BP021424SAS No.: BP021424 SDG NO.: BP021424Lab File ID: BP019696.DLab Sample ID: PB158849TBInstrument ID: BNA_PDate Extracted: 02/10/2024Matrix: (soil/water) waterDate Analyzed: 02/14/2024Level: (low/med) LOWTime Analyzed: 12:00

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
PB158849TB	PB158849TB	BP019696.D	02/14/2024
PB158884TB	PB158884TB	BP019697.D	02/14/2024
PB158960BS	PB158960BS	BP019698.D	02/14/2024

COMMENTS: _____



4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

TP-2

Lab Name: CHEMTECH

Contract: _____

Lab Code: CHEM Case No.: BP021424SAS No.: BP021424 SDG NO.: BP021424Lab File ID: BP019701.DLab Sample ID: P1453-05Instrument ID: BNA_PDate Extracted: 02/12/2024Matrix: (soil/water) SolidDate Analyzed: 02/14/2024Level: (low/med) LOWTime Analyzed: 14:57

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
TP-2	P1453-05	BP019701.D	02/14/2024
ETGI-362	P1449-01	BP019706.D	02/14/2024

COMMENTS: _____



4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

PB158998BL

Lab Name: CHEMTECH

Contract: _____

Lab Code: CHEM Case No.: BP021424SAS No.: BP021424 SDG NO.: BP021424Lab File ID: BP019694.DLab Sample ID: PB158998BLInstrument ID: BNA_PDate Extracted: 02/13/2024Matrix: (soil/water) SolidDate Analyzed: 02/14/2024Level: (low/med) LOWTime Analyzed: 10:52

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
PB158998BS	PB158998BS	BP019695.D	02/14/2024
TP-2	P1461-01	BP019702.D	02/14/2024
TP-1	P1461-04	BP019703.D	02/14/2024
TP-1MS	P1461-04MS	BP019704.D	02/14/2024
TP-1MSD	P1461-04MSD	BP019705.D	02/14/2024
PN-2 (NORTH-AREA)	P1464-02	BP019713.D	02/14/2024
PN-1 (SOUTH-AREA)	P1464-01	BP019710.D	02/14/2024

COMMENTS: _____

Matrix Spike/Matrix Spike Duplicate Summary
SW-846

SDG No.: BP021424

Client: _____

Analytical Method: **8270E**

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Low	High	RPD
Lab Sample ID:	P1461-04MS	Client Sample ID:	TP-1MS					DataFile:	BP019704.D		
n-Nitrosodimethylamine	1100		980	ug/Kg	89				66	124	
Pyridine	1100		820	ug/Kg	75				45	119	
Benzaldehyde	1100		260	ug/Kg	24	*			26	163	
Aniline	1100		560	ug/Kg	51				10	88	
Phenol	1100		990	ug/Kg	90				67	126	
bis(2-Chloroethyl)ether	1100		950	ug/Kg	86				74	116	
2-Chlorophenol	1100		1000	ug/Kg	91				61	138	
1,2-Dichlorobenzene	1100		970	ug/Kg	88				61	105	
1,3-Dichlorobenzene	1100		960	ug/Kg	87				62	101	
1,4-Dichlorobenzene	1100		980	ug/Kg	89				63	104	
Benzyl Alcohol	1100		990	ug/Kg	90				47	126	
2-Methylphenol	1100		980	ug/Kg	89				66	122	
2,2-oxybis(1-Chloropropane)	1100		900	ug/Kg	82				52	115	
Acetophenone	1100		990	ug/Kg	90				75	111	
3+4-Methylphenols	1100		980	ug/Kg	89				53	132	
N-Nitroso-di-n-propylamine	1100		890	ug/Kg	81				59	119	
Hexachloroethane	1100		940	ug/Kg	85				65	117	
Nitrobenzene	1100		920	ug/Kg	84				70	119	
Isophorone	1100		950	ug/Kg	86				76	122	
2-Nitrophenol	1100		1100	ug/Kg	100				54	145	
2,4-Dimethylphenol	1100		1200	ug/Kg	109				83	144	
bis(2-Chloroethoxy)methane	1100		950	ug/Kg	86				68	112	
2,4-Dichlorophenol	1100		1100	ug/Kg	100				72	118	
1,2,4-Trichlorobenzene	1100		1000	ug/Kg	91				57	103	
Benzoic acid	1100		1200	ug/Kg	109	*			50	104	
Naphthalene	1100		980	ug/Kg	89				72	110	
4-Chloroaniline	1100		310	ug/Kg	28				10	100	
Hexachlorobutadiene	1100		990	ug/Kg	90				66	114	
Caprolactam	1100		1200	ug/Kg	109				51	134	
4-Chloro-3-methylphenol	1100		1100	ug/Kg	100				57	132	
2-Methylnaphthalene	1100		1000	ug/Kg	91				59	123	
Hexachlorocyclopentadiene	2200		2400	ug/Kg	109				10	175	
2,4,6-Trichlorophenol	1100		1100	ug/Kg	100				72	117	
2,4,5-Trichlorophenol	1100		1100	ug/Kg	100				72	117	
1,1-Biphenyl	1100		990	ug/Kg	90				75	113	
2-Chloronaphthalene	1100		980	ug/Kg	89				67	118	
2-Nitroaniline	1100		1100	ug/Kg	100				69	127	
Dimethylphthalate	1100		1100	ug/Kg	100				70	113	
Acenaphthylene	1100		1100	ug/Kg	100				79	118	
2,6-Dinitrotoluene	1100		1100	ug/Kg	100				70	125	
3-Nitroaniline	1100		720	ug/Kg	65				20	111	
Acenaphthene	1100		1000	ug/Kg	91				70	121	
Total PAH	17600	0	17070	ug/Kg	97				70	121	
2,4-Dinitrophenol	2200		2400	ug/Kg	109				16	160	
4-Nitrophenol	2200		2500	ug/Kg	114				45	133	
Dibenzofuran	1100		1100	ug/Kg	100				72	110	
2,4-Dinitrotoluene	1100		1200	ug/Kg	109				55	128	

Matrix Spike/Matrix Spike Duplicate Summary
SW-846

SDG No.: BP021424

Client: _____

Analytical Method: **8270E**

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Limits		
									Low	High	RPD
2,4-Dinitrotoluene/2,6-Dinitrotol	2200		2300	ug/Kg	105				55	128	
Diethylphthalate	1100		1100	ug/Kg	100				70	112	
4-Chlorophenyl-phenylether	1100		1100	ug/Kg	100				71	108	
Fluorene	1100		1100	ug/Kg	100				68	116	
4-Nitroaniline	1100		1100	ug/Kg	100				55	120	
4,6-Dinitro-2-methylphenol	1100		1100	ug/Kg	100				32	145	
N-Nitrosodiphenylamine	1100		1000	ug/Kg	91				73	118	
Azobenzene	1100		1000	ug/Kg	91				73	110	
4-Bromophenyl-phenylether	1100		1000	ug/Kg	91				65	121	
Hexachlorobenzene	1100		1000	ug/Kg	91				67	118	
Atrazine	1100		1300	ug/Kg	118				79	127	
Pentachlorophenol	2200		2300	ug/Kg	105				47	128	
Phenanthrene	1100		1100	ug/Kg	100				72	113	
Anthracene	1100		1100	ug/Kg	100				62	124	
Carbazole	1100		1100	ug/Kg	100				59	119	
Di-n-butylphthalate	1100		1000	ug/Kg	91				69	118	
Fluoranthene	1100	0	1200	ug/Kg	109				59	125	
Benzidine	2200		1300	ug/Kg	59				10	119	
Pyrene	1100		1100	ug/Kg	100				52	128	
Butylbenzylphthalate	1100		1000	ug/Kg	91				64	126	
3,3-Dichlorobenzidine	1100		840	ug/Kg	76				10	164	
Benzo(a)anthracene	1100		1100	ug/Kg	100				71	114	
Chrysene	1100		1100	ug/Kg	100				57	121	
bis(2-Ethylhexyl)phthalate	1100		1000	ug/Kg	91				66	127	
Di-n-octyl phthalate	1100		990	ug/Kg	90				71	126	
Benzo(b)fluoranthene	1100		1100	ug/Kg	100				67	121	
Benzo(k)fluoranthene	1100		1000	ug/Kg	91				74	114	
Benzo(a)pyrene	1100		1100	ug/Kg	100				70	142	
Indeno(1,2,3-cd)pyrene	1100		1000	ug/Kg	91				61	125	
Dibenz(a,h)anthracene	1100		1000	ug/Kg	91				67	130	
Benzo(g,h,i)perylene	1100		990	ug/Kg	90				53	140	
1,2,4,5-Tetrachlorobenzene	1100		1000	ug/Kg	91				69	124	
1,4-Dioxane	1100		850	ug/Kg	77				46	112	
2,3,4,6-Tetrachlorophenol	1100		1300	ug/Kg	118				56	133	
1-Methylnaphthalene	1100		970	ug/Kg	88				70	130	

Matrix Spike/Matrix Spike Duplicate Summary
SW-846

SDG No.: **BP021424**

Client: _____

Analytical Method: **8270E**

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Low	Limits High	RPD
Lab Sample ID:	P1461-04MSD	Client Sample ID:	TP-1MSD					DataFile:	BP019705.D		
n-Nitrosodimethylamine	1100		880	ug/Kg	80		11		66	124	20
Pyridine	1100		740	ug/Kg	67		11		45	119	20
Benzaldehyde	1100		230	ug/Kg	21	*	13		26	163	20
Aniline	1100		530	ug/Kg	48		6		10	88	20
Phenol	1100		860	ug/Kg	78		14		67	126	20
bis(2-Chloroethyl)ether	1100		840	ug/Kg	76		12		74	116	20
2-Chlorophenol	1100		910	ug/Kg	83		9		61	138	20
1,2-Dichlorobenzene	1100		860	ug/Kg	78		12		61	105	20
1,3-Dichlorobenzene	1100		880	ug/Kg	80		8		62	101	20
1,4-Dichlorobenzene	1100		870	ug/Kg	79		12		63	104	20
Benzyl Alcohol	1100		870	ug/Kg	79		13		47	126	20
2-Methylphenol	1100		870	ug/Kg	79		12		66	122	20
2,2-oxybis(1-Chloropropane)	1100		810	ug/Kg	74		10		52	115	20
Acetophenone	1100		860	ug/Kg	78		14		75	111	20
3+4-Methylphenols	1100		860	ug/Kg	78		13		53	132	20
N-Nitroso-di-n-propylamine	1100		790	ug/Kg	72		12		59	119	20
Hexachloroethane	1100		830	ug/Kg	75		13		65	117	20
Nitrobenzene	1100		830	ug/Kg	75		11		70	119	20
Isophorone	1100		840	ug/Kg	76		12		76	122	20
2-Nitrophenol	1100		970	ug/Kg	88		13		54	145	20
2,4-Dimethylphenol	1100		1000	ug/Kg	91		18		83	144	20
bis(2-Chloroethoxy)methane	1100		840	ug/Kg	76		12		68	112	20
2,4-Dichlorophenol	1100		940	ug/Kg	85		16		72	118	20
1,2,4-Trichlorobenzene	1100		890	ug/Kg	81		12		57	103	20
Benzoic acid	1100		970	ug/Kg	88		21	*	50	104	20
Naphthalene	1100		870	ug/Kg	79		12		72	110	20
4-Chloroaniline	1100		230	ug/Kg	21		29	*	10	100	20
Hexachlorobutadiene	1100		870	ug/Kg	79		13		66	114	20
Caprolactam	1100		1000	ug/Kg	91		18		51	134	20
4-Chloro-3-methylphenol	1100		930	ug/Kg	85		16		57	132	20
2-Methylnaphthalene	1100		870	ug/Kg	79		14		59	123	20
Hexachlorocyclopentadiene	2200		2400	ug/Kg	109		0		10	175	20
2,4,6-Trichlorophenol	1100		980	ug/Kg	89		12		72	117	20
2,4,5-Trichlorophenol	1100		990	ug/Kg	90		11		72	117	20
1,1-Biphenyl	1100		890	ug/Kg	81		11		75	113	20
2-Chloronaphthalene	1100		880	ug/Kg	80		11		67	118	20
2-Nitroaniline	1100		960	ug/Kg	87		14		69	127	20
Dimethylphthalate	1100		950	ug/Kg	86		15		70	113	20
Acenaphthylene	1100		1000	ug/Kg	91		9		79	118	20
2,6-Dinitrotoluene	1100		960	ug/Kg	87		14		70	125	20
3-Nitroaniline	1100		650	ug/Kg	59		10		20	111	20
Acenaphthene	1100		910	ug/Kg	83		9		70	121	20
Total PAH	17600	0	15130	ug/Kg	86		12		70	121	20
2,4-Dinitrophenol	2200		2200	ug/Kg	100		9		16	160	20
4-Nitrophenol	2200		2200	ug/Kg	100		13		45	133	20
Dibenzofuran	1100		960	ug/Kg	87		14		72	110	20
2,4-Dinitrotoluene	1100		1000	ug/Kg	91		18		55	128	20

Matrix Spike/Matrix Spike Duplicate Summary
SW-846

SDG No.: BP021424

Client: _____

Analytical Method: **8270E**

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Limits		RPD
									Low	High	
2,4-Dinitrotoluene/2,6-Dinitrotol	2200		1960	ug/Kg	89		16		55	128	20
Diethylphthalate	1100		950	ug/Kg	86		15		70	112	20
4-Chlorophenyl-phenylether	1100		960	ug/Kg	87		14		71	108	20
Fluorene	1100		960	ug/Kg	87		14		68	116	20
4-Nitroaniline	1100		1000	ug/Kg	91		9		55	120	20
4,6-Dinitro-2-methylphenol	1100		990	ug/Kg	90		11		32	145	20
N-Nitrosodiphenylamine	1100		900	ug/Kg	82		10		73	118	20
Azobenzene	1100		910	ug/Kg	83		9		73	110	20
4-Bromophenyl-phenylether	1100		910	ug/Kg	83		9		65	121	20
Hexachlorobenzene	1100		900	ug/Kg	82		10		67	118	20
Atrazine	1100		1100	ug/Kg	100		17		79	127	20
Pentachlorophenol	2200		2000	ug/Kg	91		14		47	128	20
Phenanthrene	1100		960	ug/Kg	87		14		72	113	20
Anthracene	1100		980	ug/Kg	89		12		62	124	20
Carbazole	1100		960	ug/Kg	87		14		59	119	20
Di-n-butylphthalate	1100		910	ug/Kg	83		9		69	118	20
Fluoranthene	1100	0	1000	ug/Kg	91		18		59	125	20
Benzidine	2200		1100	ug/Kg	50		17		10	119	20
Pyrene	1100		900	ug/Kg	82		20		52	128	20
Butylbenzylphthalate	1100		860	ug/Kg	78		15		64	126	20
3,3-Dichlorobenzidine	1100		760	ug/Kg	69		10		10	164	20
Benzo(a)anthracene	1100		960	ug/Kg	87		14		71	114	20
Chrysene	1100		950	ug/Kg	86		15		57	121	20
bis(2-Ethylhexyl)phthalate	1100		800	ug/Kg	73		22	*	66	127	20
Di-n-octyl phthalate	1100		820	ug/Kg	75		18		71	126	20
Benzo(b)fluoranthene	1100		920	ug/Kg	84		17		67	121	20
Benzo(k)fluoranthene	1100		930	ug/Kg	85		7		74	114	20
Benzo(a)pyrene	1100		960	ug/Kg	87		14		70	142	20
Indeno(1,2,3-cd)pyrene	1100		970	ug/Kg	88		3		61	125	20
Dibenz(a,h)anthracene	1100		940	ug/Kg	85		7		67	130	20
Benzo(g,h,i)perylene	1100		920	ug/Kg	84		7		53	140	20
1,2,4,5-Tetrachlorobenzene	1100		950	ug/Kg	86		6		69	124	20
1,4-Dioxane	1100		770	ug/Kg	70		10		46	112	20
2,3,4,6-Tetrachlorophenol	1100		1100	ug/Kg	100		17		56	133	20
1-Methylnaphthalene	1100		850	ug/Kg	77		13		70	130	20



Surrogate Summary
SW-846

SDG No.: BP021424

Client:

Analytical Method: 8270E

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P1412-01	TP2	BP019707.D	2-Fluorophenol	150	99.89	67		18	112
			Phenol-d6	150	95.39	64		15	107
			Nitrobenzene-d5	100	63.55	64		18	107
			2-Fluorobiphenyl	100	64.70	65		20	109
			2,4,6-Tribromophenol	150	132.63	88		10	110
			Terphenyl-d14	100	65.76	66		14	112

Surrogate Summary

SW-846

SDG No.: BP021424

Client: _____

Analytical Method: 8270E

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P1394-01	SB-1(4-5)	BP019699.D	2-Fluorophenol	150	82.96	55		18	112
			Phenol-d6	150	76.98	51		15	107
			Nitrobenzene-d5	100	55.73	56		18	107
			2-Fluorobiphenyl	100	55.11	55		20	109
			2,4,6-Tribromophenol	150	112.28	75		10	110
			Terphenyl-d14	100	53.56	54		14	112
P1394-02	SB-2(3-4)	BP019700.D	2-Fluorophenol	150	80.36	54		18	112
			Phenol-d6	150	75.26	50		15	107
			Nitrobenzene-d5	100	52.08	52		18	107
			2-Fluorobiphenyl	100	51.63	52		20	109
			2,4,6-Tribromophenol	150	105.18	70		10	110
			Terphenyl-d14	100	54.93	55		14	112
P1395-02	B-3(10-12)	BP019711.D	2-Fluorophenol	150	73.91	49		18	112
			Phenol-d6	150	69.22	46		15	107
			Nitrobenzene-d5	100	49.66	50		18	107
			2-Fluorobiphenyl	100	46.74	47		20	109
			2,4,6-Tribromophenol	150	93.91	63		10	110
			Terphenyl-d14	100	50.66	51		14	112
P1395-03	B-2(4-6)	BP019708.D	2-Fluorophenol	150	79.45	53		18	112
			Phenol-d6	150	77.13	51		15	107
			Nitrobenzene-d5	100	51.79	52		18	107
			2-Fluorobiphenyl	100	26.39	26		20	109
			2,4,6-Tribromophenol	150	54.21	36		10	110
			Terphenyl-d14	100	56.59	57		14	112
P1395-04	B-2(6-8)	BP019709.D	2-Fluorophenol	150	45.97	31		18	112
			Phenol-d6	150	46.10	31		15	107
			Nitrobenzene-d5	100	31.50	31		18	107
			2-Fluorobiphenyl	100	19.62	20		20	109
			2,4,6-Tribromophenol	150	33.76	23		10	110
			Terphenyl-d14	100	31.34	31		14	112
P1425-04	VNJ-222	BP019712.D	2-Fluorophenol	150	79.18	53		18	112
			Phenol-d6	150	78.18	52		15	107
			Nitrobenzene-d5	100	50.98	51		18	107
			2-Fluorobiphenyl	100	53.78	54		20	109
			2,4,6-Tribromophenol	150	100.11	67		10	110
			Terphenyl-d14	100	55.50	55		14	112



Surrogate Summary
SW-846

SDG No.: BP021424

Client:

Analytical Method: 8270E

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
PB158849TB	PB158849TB	BP019696.D	2-Fluorophenol	150	129.44	86		10	139
			Phenol-d6	150	119.26	80		10	134
			Nitrobenzene-d5	100	86.06	86		49	133
			2-Fluorobiphenyl	100	86.35	86		52	132
			2,4,6-Tribromophenol	150	173.00	115		32	145
			Terphenyl-d14	100	92.41	92		36	145
PB158884TB	PB158884TB	BP019697.D	2-Fluorophenol	150	132.30	88		10	139
			Phenol-d6	150	119.83	80		10	134
			Nitrobenzene-d5	100	85.71	86		49	133
			2-Fluorobiphenyl	100	88.46	88		52	132
			2,4,6-Tribromophenol	150	165.42	110		32	145
			Terphenyl-d14	100	90.58	91		36	145
PB158960BS	PB158960BS	BP019698.D	2-Fluorophenol	150	127.06	85		10	139
			Phenol-d6	150	122.14	81		10	134
			Nitrobenzene-d5	100	79.39	79		49	133
			2-Fluorobiphenyl	100	79.32	79		52	132
			2,4,6-Tribromophenol	150	169.00	113		32	145
			Terphenyl-d14	100	90.35	90		36	145



Surrogate Summary
SW-846

SDG No.: BP021424

Client:

Analytical Method: 8270E

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P1449-01	ETGI-362	BP019706.D	2-Fluorophenol	150	82.97	55		18	112
			Phenol-d6	150	79.87	53		15	107
			Nitrobenzene-d5	100	52.77	53		18	107
			2-Fluorobiphenyl	100	52.67	53		20	109
			2,4,6-Tribromophenol	150	111.65	74		10	110
			Terphenyl-d14	100	54.24	54		14	112
P1453-05	TP-2	BP019701.D	2-Fluorophenol	150	123.05	82		18	112
			Phenol-d6	150	113.79	76		15	107
			Nitrobenzene-d5	100	78.72	79		18	107
			2-Fluorobiphenyl	100	78.53	79		20	109
			2,4,6-Tribromophenol	150	155.13	103		10	110
			Terphenyl-d14	100	77.94	78		14	112

Surrogate Summary

SW-846

SDG No.: BP021424

Client: _____

Analytical Method: 8270E

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P1461-01	TP-2	BP019702.D	2-Fluorophenol	150	80.40	54		18	112
			Phenol-d6	150	73.23	49		15	107
			Nitrobenzene-d5	100	55.15	55		18	107
			2-Fluorobiphenyl	100	59.57	60		20	109
			2,4,6-Tribromophenol	150	98.12	65		10	110
			Terphenyl-d14	100	61.09	61		14	112
P1461-04	TP-1	BP019703.D	2-Fluorophenol	150	93.50	62		18	112
			Phenol-d6	150	88.75	59		15	107
			Nitrobenzene-d5	100	61.59	62		18	107
			2-Fluorobiphenyl	100	61.77	62		20	109
			2,4,6-Tribromophenol	150	123.27	82		10	110
			Terphenyl-d14	100	65.55	66		14	112
P1461-04MS	TP-1MS	BP019704.D	2-Fluorophenol	150	95.66	64		18	112
			Phenol-d6	150	91.90	61		15	107
			Nitrobenzene-d5	100	62.00	62		18	107
			2-Fluorobiphenyl	100	63.73	64		20	109
			2,4,6-Tribromophenol	150	124.20	83		10	110
			Terphenyl-d14	100	65.76	66		14	112
P1461-04MSD	TP-1MSD	BP019705.D	2-Fluorophenol	150	86.80	58		18	112
			Phenol-d6	150	81.25	54		15	107
			Nitrobenzene-d5	100	55.75	56		18	107
			2-Fluorobiphenyl	100	57.67	58		20	109
			2,4,6-Tribromophenol	150	107.37	72		10	110
			Terphenyl-d14	100	54.61	55		14	112
P1464-01	PN-1(SOUTH-AREBP019710.D	BP019710.D	2-Fluorophenol	150	79.37	53		18	112
			Phenol-d6	150	77.47	52		15	107
			Nitrobenzene-d5	100	55.47	55		18	107
			2-Fluorobiphenyl	100	55.74	56		20	109
			2,4,6-Tribromophenol	150	107.33	72		10	110
			Terphenyl-d14	100	58.81	59		14	112
P1464-02	PN-2(NORTH-AREBP019713.D	BP019713.D	2-Fluorophenol	150	71.43	48		18	112
			Phenol-d6	150	65.31	44		15	107
			Nitrobenzene-d5	100	47.63	48		18	107
			2-Fluorobiphenyl	100	47.85	48		20	109
			2,4,6-Tribromophenol	150	94.27	63		10	110
			Terphenyl-d14	100	48.18	48		14	112
PB158998BL	PB158998BL	BP019694.D	2-Fluorophenol	150	118.85	79		18	112
			Phenol-d6	150	109.47	73		15	107
			Nitrobenzene-d5	100	79.11	79		18	107
			2-Fluorobiphenyl	100	79.40	79		20	109
			2,4,6-Tribromophenol	150	152.60	102		10	110
			Terphenyl-d14	100	84.67	85		14	112
PB158998BS	PB158998BS	BP019695.D	2-Fluorophenol	150	131.81	88		18	112
			Phenol-d6	150	125.60	84		15	107
			Nitrobenzene-d5	100	84.27	84		18	107
			2-Fluorobiphenyl	100	86.23	86		20	109
			2,4,6-Tribromophenol	150	170.69	114	*	10	110
			Terphenyl-d14	100	93.14	93		14	112



5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: CHEMTECH

Contract: BP021424

Lab Code: CHEM

SAS No.: BP021424 SDG NO.: BP021424

Lab File ID: BP019692.D

DFTPP Injection Date: 02/14/2024

Instrument ID: BNA_P

DFTPP Injection Time: 09:44

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
51	10.0 - 80.0% of mass 198	27.1
68	Less than 2.0% of mass 69	0.6 (1.8) 1
69	Mass 69 relative abundance	33.6
70	Less than 2.0% of mass 69	0.2 (0.5) 1
127	10.0 - 80.0% of mass 198	39.4
197	Less than 2.0% of mass 198	0.4
198	Base Peak, 100% relative abundance	100
199	5.0 to 9.0% of mass 198	7.1
275	10.0 - 60.0% of mass 198	29.5
365	Greater than 1% of mass 198	3.8
441	Present, but less than mass 443	14.1
442	Greater than 50% of mass 198	90.4
443	15.0 - 24.0% of mass 442	18.1 (20) 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	BP019693.D	02/14/2024	10:18
PB158998BL	PB158998BL	BP019694.D	02/14/2024	10:52
PB158998BS	PB158998BS	BP019695.D	02/14/2024	11:26
PB158849TB	PB158849TB	BP019696.D	02/14/2024	12:00
PB158884TB	PB158884TB	BP019697.D	02/14/2024	12:34
PB158960BS	PB158960BS	BP019698.D	02/14/2024	13:08
SB-1 (4-5)	P1394-01	BP019699.D	02/14/2024	13:49
SB-2 (3-4)	P1394-02	BP019700.D	02/14/2024	14:23
TP-2	P1453-05	BP019701.D	02/14/2024	14:57
TP-2	P1461-01	BP019702.D	02/14/2024	15:31
TP-1	P1461-04	BP019703.D	02/14/2024	16:05
TP-1MS	P1461-04MS	BP019704.D	02/14/2024	16:39
TP-1MSD	P1461-04MSD	BP019705.D	02/14/2024	17:13
ETGI-362	P1449-01	BP019706.D	02/14/2024	17:47
TP2	P1412-01	BP019707.D	02/14/2024	18:21
B-2 (4-6)	P1395-03	BP019708.D	02/14/2024	18:55
B-2 (6-8)	P1395-04	BP019709.D	02/14/2024	19:28
PN-1 (SOUTH-AREA)	P1464-01	BP019710.D	02/14/2024	20:02
B-3 (10-12)	P1395-02	BP019711.D	02/14/2024	20:36



5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)Lab Name: CHEMTECHContract: BP021424Lab Code: CHEMSAS No.: BP021424 SDG NO.: BP021424Lab File ID: BP019692.DDFTPP Injection Date: 02/14/2024Instrument ID: BNA_PDFTPP Injection Time: 09:44

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
51	10.0 - 80.0% of mass 198	27.1
68	Less than 2.0% of mass 69	0.6 (1.8) 1
69	Mass 69 relative abundance	33.6
70	Less than 2.0% of mass 69	0.2 (0.5) 1
127	10.0 - 80.0% of mass 198	39.4
197	Less than 2.0% of mass 198	0.4
198	Base Peak, 100% relative abundance	100
199	5.0 to 9.0% of mass 198	7.1
275	10.0 - 60.0% of mass 198	29.5
365	Greater than 1% of mass 198	3.8
441	Present, but less than mass 443	14.1
442	Greater than 50% of mass 198	90.4
443	15.0 - 24.0% of mass 442	18.1 (20) 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
VNJ-222	P1425-04	BP019712.D	02/14/2024	21:10
PN-2 (NORTH-AREA)	P1464-02	BP019713.D	02/14/2024	21:44