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

7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract:

Lab Code: CHEM Case No.: BN041524 SAS No.: BN041524 SDG No.: BN041524

Instrument ID: BNA_N Calibration Date/Time: 4/15/2024 12 20:50

Lab File ID: BN030947.D Init. Calib. Date(s):

EPA Sample No.: SSTDCCC0.4EC Init. Calib. Time(s):

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

COMPOUND	RRF	RRF0.4	MIN RRF	%D	MAX%D
2-Methylnaphthalene-d10	0.616	0.577		-6.331	50.0
Fluoranthene-d10	1.077	1.002		-6.964	50.0
n-Nitrosodimethylamine	0.461	0.435		-5.64	50.0
2-Fluorophenol	0.891	0.835		-6.285	50.0
Phenol-d6	1.079	1.000		-7.322	50.0
bis(2-Chloroethyl)ether	1.067	0.970		-9.091	50.0
Nitrobenzene-d5	0.277	0.255		-7.942	50.0
Naphthalene	1.103	1.059		-3.989	50.0
Hexachlorobutadiene	0.221	0.220		-0.452	50.0
2-Methylnaphthalene	0.733	0.689		-6.003	50.0
2-Fluorobiphenyl	1.345	1.345		0.0	50.0
Acenaphthylene	1.763	1.585		-10.096	50.0
Acenaphthene	1.244	1.186		-4.662	50.0
Fluorene	1.647	1.571		-4.614	50.0
4,6-Dinitro-2-methylphenol	0.057	0.041		-28.07	50.0
2,4,6-Tribromophenol	0.155	0.132		-14.839	50.0
4-Bromophenyl-phenylether	0.238	0.222		-6.723	50.0
Hexachlorobenzene	0.278	0.270		-2.878	50.0
Atrazine	0.172	0.149		-13.372	50.0
Pentachlorophenol	0.097	0.070		-27.835	50.0
Phenanthrene	1.181	1.119		-5.25	50.0
Anthracene	0.977	0.874		-10.542	50.0
Fluoranthene	1.416	1.309		-7.556	50.0
Pyrene	1.553	1.483		-4.507	50.0
Terphenyl-d14	0.929	0.878		-5.49	50.0
Benzo(a)anthracene	1.393	1.280		-8.112	50.0
Chrysene	1.515	1.448		-4.422	50.0
Bis(2-ethylhexyl)phthalate	0.638	0.553		-13.323	50.0
Benzo(b)fluoranthene	1.650	1.622		-1.697	50.0
Benzo(k)fluoranthene	1.616	1.552		-3.96	50.0
Benzo(a)pyrene	1.374	1.373		-0.073	50.0
Indeno(1,2,3-cd)pyrene	1.861	1.765		-5.159	50.0
Dibenzo(a,h)anthracene	1.490	1.400		-6.04	50.0
Benzo(g,h,i)perylene	1.640	1.528		-6.829	50.0
1,4-Dioxane	0.492	0.455		-7.52	50.0

All other compounds must meet a minimum RRF of 0.010.

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SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract:

Lab Code: CHEM Case No.: BN041524 SAS No.: BN041524 SDG No.: BN041524

Instrument ID: BNA_N Calibration Date/Time: 4/15/2024 12 23:21

Lab File ID: BN030949.D Init. Calib. Date(s):

EPA Sample No.: SSTDCCC0.4 Init. Calib. Time(s):

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

COMPOUND	RRF	RRF0.4	MIN RRF	%D	MAX%D
2-Methylnaphthalene-d10	0.616	0.576		-6.494	20.0
Fluoranthene-d10	1.077	0.993		-7.799	20.0
n-Nitrosodimethylamine	0.461	0.418		-9.328	20.0
2-Fluorophenol	0.891	0.839		-5.836	20.0
Phenol-d6	1.079	0.984		-8.804	20.0
bis(2-Chloroethyl)ether	1.067	0.970		-9.091	20.0
Nitrobenzene-d5	0.277	0.252		-9.025	20.0
Naphthalene	1.103	1.066		-3.354	20.0
Hexachlorobutadiene	0.221	0.222		0.452	20.0
2-Methylnaphthalene	0.733	0.689		-6.003	20.0
2-Fluorobiphenyl	1.345	1.308		-2.751	20.0
Acenaphthylene	1.763	1.558		-11.628	20.0
Acenaphthene	1.244	1.195		-3.939	20.0
Fluorene	1.647	1.548		-6.011	20.0
4,6-Dinitro-2-methylphenol	0.057	0.037		-35.088	20.0
2,4,6-Tribromophenol	0.155	0.134		-13.548	20.0
4-Bromophenyl-phenylether	0.238	0.221		-7.143	20.0
Hexachlorobenzene	0.278	0.269		-3.237	20.0
Atrazine	0.172	0.147		-14.535	20.0
Pentachlorophenol	0.097	0.074		-23.711	20.0
Phenanthrene	1.181	1.113		-5.758	20.0
Anthracene	0.977	0.858		-12.18	20.0
Fluoranthene	1.416	1.293		-8.686	20.0
Pyrene	1.553	1.453		-6.439	20.0
Terphenyl-d14	0.929	0.855		-7.966	20.0
Benzo(a)anthracene	1.393	1.340		-3.805	20.0
Chrysene	1.515	1.435		-5.281	20.0
Bis(2-ethylhexyl)phthalate	0.638	0.572		-10.345	20.0
Benzo(b)fluoranthene	1.650	1.542		-6.545	20.0
Benzo(k)fluoranthene	1.616	1.509		-6.621	20.0
Benzo(a)pyrene	1.374	1.294		-5.822	20.0
Indeno(1,2,3-cd)pyrene	1.861	1.726		-7.254	20.0
Dibenzo(a,h)anthracene	1.490	1.377		-7.584	20.0
Benzo(g,h,i)perylene	1.640	1.531		-6.646	20.0
1,4-Dioxane	0.492	0.473		-3.862	20.0

All other compounds must meet a minimum RRF of 0.010.

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SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract:

Lab Code: CHEM Case No.: BN041524 SAS No.: BN041524 SDG No.: BN041524

Instrument ID: BNA_N Calibration Date/Time: 4/16/2024 12 09:40

Lab File ID: BN030964.D Init. Calib. Date(s):

EPA Sample No.: SSTDCCC0.4 Init. Calib. Time(s):

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

COMPOUND	RRF	RRF0.4	MIN RRF	%D	MAX%D
2-Methylnaphthalene-d10	0.616	0.580		-5.844	20.0
Fluoranthene-d10	1.077	1.000		-7.149	20.0
n-Nitrosodimethylamine	0.461	0.397		-13.883	20.0
2-Fluorophenol	0.891	0.867		-2.694	20.0
Phenol-d6	1.079	1.074		-0.463	20.0
bis(2-Chloroethyl)ether	1.067	1.006		-5.717	20.0
Nitrobenzene-d5	0.277	0.259		-6.498	20.0
Naphthalene	1.103	1.062		-3.717	20.0
Hexachlorobutadiene	0.221	0.213		-3.62	20.0
2-Methylnaphthalene	0.733	0.689		-6.003	20.0
2-Fluorobiphenyl	1.345	1.074		-20.149	20.0
Acenaphthylene	1.763	1.573		-10.777	20.0
Acenaphthene	1.244	1.181		-5.064	20.0
Fluorene	1.647	1.526		-7.347	20.0
4,6-Dinitro-2-methylphenol	0.057	0.039		-31.579	20.0
2,4,6-Tribromophenol	0.155	0.135		-12.903	20.0
4-Bromophenyl-phenylether	0.238	0.217		-8.824	20.0
Hexachlorobenzene	0.278	0.264		-5.036	20.0
Atrazine	0.172	0.149		-13.372	20.0
Pentachlorophenol	0.097	0.080		-17.526	20.0
Phenanthrene	1.181	1.106		-6.351	20.0
Anthracene	0.977	0.869		-11.054	20.0
Fluoranthene	1.416	1.311		-7.415	20.0
Pyrene	1.553	1.425		-8.242	20.0
Terphenyl-d14	0.929	0.814		-12.379	20.0
Benzo(a)anthracene	1.393	1.406		0.933	20.0
Chrysene	1.515	1.417		-6.469	20.0
Bis(2-ethylhexyl)phthalate	0.638	0.619		-2.978	20.0
Benzo(b)fluoranthene	1.650	1.494		-9.455	20.0
Benzo(k)fluoranthene	1.616	1.413		-12.562	20.0
Benzo(a)pyrene	1.374	1.258		-8.443	20.0
Indeno(1,2,3-cd)pyrene	1.861	1.688		-9.296	20.0
Dibenzo(a,h)anthracene	1.490	1.339		-10.134	20.0
Benzo(g,h,i)perylene	1.640	1.500		-8.537	20.0
1,4-Dioxane	0.492	0.418		-15.041	20.0

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SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract:

Lab Code: CHEM Case No.: BN041524 SAS No.: BN041524 SDG No.: BN041524

Instrument ID: BNA_N Calibration Date/Time: 4/16/2024 12 13:00

Lab File ID: BN030968.D Init. Calib. Date(s):

EPA Sample No.: SSTDCCC0.4EC Init. Calib. Time(s):

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

COMPOUND	RRF	RRF0.4	MIN RRF	%D	MAX%D
2-Methylnaphthalene-d10	0.616	0.587		-4.708	50.0
Fluoranthene-d10	1.077	1.022		-5.107	50.0
n-Nitrosodimethylamine	0.461	0.432		-6.291	50.0
2-Fluorophenol	0.891	0.870		-2.357	50.0
Phenol-d6	1.079	1.031		-4.449	50.0
bis(2-Chloroethyl)ether	1.067	1.069		0.187	50.0
Nitrobenzene-d5	0.277	0.256		-7.581	50.0
Naphthalene	1.103	1.064		-3.536	50.0
Hexachlorobutadiene	0.221	0.213		-3.62	50.0
2-Methylnaphthalene	0.733	0.696		-5.048	50.0
2-Fluorobiphenyl	1.345	0.996		-25.948	50.0
Acenaphthylene	1.763	1.526		-13.443	50.0
Acenaphthene	1.244	1.190		-4.341	50.0
Fluorene	1.647	1.584		-3.825	50.0
4,6-Dinitro-2-methylphenol	0.057	0.042		-26.316	50.0
2,4,6-Tribromophenol	0.155	0.134		-13.548	50.0
4-Bromophenyl-phenylether	0.238	0.213		-10.504	50.0
Hexachlorobenzene	0.278	0.253		-8.993	50.0
Atrazine	0.172	0.134		-22.093	50.0
Pentachlorophenol	0.097	0.082		-15.464	50.0
Phenanthrene	1.181	1.102		-6.689	50.0
Anthracene	0.977	0.848		-13.204	50.0
Fluoranthene	1.416	1.319		-6.85	50.0
Pyrene	1.553	1.488		-4.185	50.0
Terphenyl-d14	0.929	0.873		-6.028	50.0
Benzo(a)anthracene	1.393	1.311		-5.887	50.0
Chrysene	1.515	1.468		-3.102	50.0
Bis(2-ethylhexyl)phthalate	0.638	0.557		-12.696	50.0
Benzo(b)fluoranthene	1.650	1.601		-2.97	50.0
Benzo(k)fluoranthene	1.616	1.549		-4.146	50.0
Benzo(a)pyrene	1.374	1.265		-7.933	50.0
Indeno(1,2,3-cd)pyrene	1.861	1.581		-15.046	50.0
Dibenzo(a,h)anthracene	1.490	1.253		-15.906	50.0
Benzo(g,h,i)perylene	1.640	1.435		-12.5	50.0
1,4-Dioxane	0.492	0.443		-9.959	50.0

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SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract:

Lab Code: CHEM Case No.: BN041524 SAS No.: BN041524 SDG No.: BN041524

Instrument ID: BNA_N Calibration Date/Time: 4/15/2024 12 13:56

Lab File ID: BN030937.D Init. Calib. Date(s):

EPA Sample No.: SSTDICCC0.4 Init. Calib. Time(s):

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

COMPOUND	RRF	RRF0.4	MIN RRF	%D	MAX%D
2-Methylnaphthalene-d10	0.616	0.583		-5.357	20.0
Fluoranthene-d10	1.077	0.999		-7.242	20.0
n-Nitrosodimethylamine	0.461	0.432		-6.291	20.0
2-Fluorophenol	0.891	0.850		-4.602	20.0
Phenol-d6	1.079	0.987		-8.526	20.0
bis(2-Chloroethyl)ether	1.067	0.998		-6.467	20.0
Nitrobenzene-d5	0.277	0.256		-7.581	20.0
Naphthalene	1.103	1.064		-3.536	20.0
Hexachlorobutadiene	0.221	0.215		-2.715	20.0
2-Methylnaphthalene	0.733	0.697		-4.911	20.0
2-Fluorobiphenyl	1.345	1.308		-2.751	20.0
Acenaphthylene	1.763	1.606		-8.905	20.0
Acenaphthene	1.244	1.192		-4.18	20.0
Fluorene	1.647	1.556		-5.525	20.0
4,6-Dinitro-2-methylphenol	0.057	0.044		-22.807	20.0
2,4,6-Tribromophenol	0.155	0.139		-10.323	20.0
4-Bromophenyl-phenylether	0.238	0.223		-6.303	20.0
Hexachlorobenzene	0.278	0.267		-3.957	20.0
Atrazine	0.172	0.151		-12.209	20.0
Pentachlorophenol	0.097	0.074		-23.711	20.0
Phenanthrene	1.181	1.121		-5.08	20.0
Anthracene	0.977	0.878		-10.133	20.0
Fluoranthene	1.416	1.298		-8.333	20.0
Pyrene	1.553	1.508		-2.898	20.0
Terphenyl-d14	0.929	0.882		-5.059	20.0
Benzo(a)anthracene	1.393	1.272		-8.686	20.0
Chrysene	1.515	1.467		-3.168	20.0
Bis(2-ethylhexyl)phthalate	0.638	0.565		-11.442	20.0
Benzo(b)fluoranthene	1.650	1.521		-7.818	20.0
Benzo(k)fluoranthene	1.616	1.494		-7.55	20.0
Benzo(a)pyrene	1.374	1.219		-11.281	20.0
Indeno(1,2,3-cd)pyrene	1.861	1.695		-8.92	20.0
Dibenzo(a,h)anthracene	1.490	1.358		-8.859	20.0
Benzo(g,h,i)perylene	1.640	1.557		-5.061	20.0
1,4-Dioxane	0.492	0.473		-3.862	20.0

All other compounds must meet a minimum RRF of 0.010.

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Report of Analysis

Client:			Date Collected:		
Project:			Date Received:		
Client Sample ID:	ICVBN041524		SDG No.:	BN041524	
Lab Sample ID:	SSTDICV0.4		Matrix:	Water	
Analytical Method:	8270-Modified		% Moisture:	100	
Sample Wt/Vol:	1000 Units:	mL	Final Vol:	1000000	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
BN030942.D	1		4/15/2024 12:00:00 AM	

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	380		30	200	200	ug/L
111-44-4	bis(2-Chloroethyl)ether	370		28	100	100	ug/L
91-20-3	Naphthalene	390		24	100	100	ug/L
87-68-3	Hexachlorobutadiene	400		26	100	100	ug/L
91-57-6	2-Methylnaphthalene	380		30	100	100	ug/L
208-96-8	Acenaphthylene	360		21	100	100	ug/L
83-32-9	Acenaphthene	380		20	100	100	ug/L
Total PAH	Total PAH	5940		456	100	1600	ug/L
86-73-7	Fluorene	380		18	100	100	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	380		140	200	200	ug/L
101-55-3	4-Bromophenyl-phenylether	370		26	100	100	ug/L
118-74-1	Hexachlorobenzene	380		29	100	100	ug/L
1912-24-9	Atrazine	340		23	100	100	ug/L
87-86-5	Pentachlorophenol	390		90	200	200	ug/L
85-01-8	Phenanthrene	370		20	100	100	ug/L
120-12-7	Anthracene	350		24	100	100	ug/L
206-44-0	Fluoranthene	360		23	100	100	ug/L
129-00-0	Pyrene	380		22	100	100	ug/L
56-55-3	Benzo(a)anthracene	360		22	100	100	ug/L
218-01-9	Chrysene	390		26	100	100	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	330		140	200	200	ug/L
205-99-2	Benzo(b)fluoranthene	380		32	100	100	ug/L
207-08-9	Benzo(k)fluoranthene	380		34	100	100	ug/L
50-32-8	Benzo(a)pyrene	350		56	100	100	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	360		38	100	100	ug/L
53-70-3	Dibenzo(a,h)anthracene	370		39	100	100	ug/L
191-24-2	Benzo(g,h,i)perylene	380		37	100	100	ug/L
123-91-1	1,4-Dioxane	390		68	200	200	ug/L

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Report of Analysis

Client:				Date Collected:	
Project:				Date Received:	
Client Sample ID:	ICVBN041524			SDG No.:	BN041524
Lab Sample ID:	SSTDICV0.4			Matrix:	Water
Analytical Method:	8270-Modified			% Moisture:	100
Sample Wt/Vol:	1000	Units:	mL	Final Vol:	1000000 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
BN030942.D	1		4/15/2024 12:00:00 AM	

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
SURROGATES							
7297-45-2	2-Methylnaphthalene-d10	383	*	30-150		95750	SPK: -0.4
93951-69-0	Fluoranthene-d10	362	*	30-150		90500	SPK: -0.4
367-12-4	2-Fluorophenol	376	*	10-92		94000	SPK: -0.4
13127-88-3	Phenol-d6	359	*	10-100		89750	SPK: -0.4
4165-60-0	Nitrobenzene-d5	367	*	11-175		91750	SPK: -0.4
321-60-8	2-Fluorobiphenyl	401	*	10-175		100250	SPK: -0.4
118-79-6	2,4,6-Tribromophenol	341	*	24-148		85250	SPK: -0.4
1718-51-0	Terphenyl-d14	381	*	54-171		95250	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	3947	7.646				
1146-65-2	Naphthalene-d8	11881	10.432				
15067-26-2	Acenaphthene-d10	6834	14.295				
1517-22-2	Phenanthrene-d10	16129	17.04				
1719-03-5	Chrysene-d12	13859	21.24				
1520-96-3	Perylene-d12	13030	23.463				

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Report of Analysis

Client:				Date Collected:	3/29/2024 12:00:00 AM
Project:				Date Received:	3/29/2024 12:00:00 AM
Client Sample ID:	PB159883BL			SDG No.:	BN041524
Lab Sample ID:	PB159883BL			Matrix:	Water
Analytical Method:	8270-Modified			% 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
BN030943.D	1	3/29/2024 12:00:00 AM	4/15/2024 12:00:00 AM	PB159883

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	0.03	U	0.03	0.2	0.2	ug/L
111-44-4	bis(2-Chloroethyl)ether	0.03	U	0.03	0.1	0.1	ug/L
91-20-3	Naphthalene	0.02	U	0.02	0.1	0.1	ug/L
87-68-3	Hexachlorobutadiene	0.03	U	0.03	0.1	0.1	ug/L
91-57-6	2-Methylnaphthalene	0.03	U	0.03	0.1	0.1	ug/L
208-96-8	Acenaphthylene	0.02	U	0.02	0.1	0.1	ug/L
83-32-9	Acenaphthene	0.02	U	0.02	0.1	0.1	ug/L
Total PAH	Total PAH	0.45	U	0.45	0.1	1.6	ug/L
86-73-7	Fluorene	0.02	U	0.02	0.1	0.1	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	0.14	U	0.14	0.2	0.2	ug/L
101-55-3	4-Bromophenyl-phenylether	0.03	U	0.03	0.1	0.1	ug/L
118-74-1	Hexachlorobenzene	0.03	U	0.03	0.1	0.1	ug/L
1912-24-9	Atrazine	0.02	U	0.02	0.1	0.1	ug/L
87-86-5	Pentachlorophenol	0.09	U	0.09	0.2	0.2	ug/L
85-01-8	Phenanthrene	0.02	U	0.02	0.1	0.1	ug/L
120-12-7	Anthracene	0.02	U	0.02	0.1	0.1	ug/L
206-44-0	Fluoranthene	0.02	U	0.02	0.1	0.1	ug/L
129-00-0	Pyrene	0.02	U	0.02	0.1	0.1	ug/L
56-55-3	Benzo(a)anthracene	0.02	U	0.02	0.1	0.1	ug/L
218-01-9	Chrysene	0.03	U	0.03	0.1	0.1	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	0.14	U	0.14	0.2	0.2	ug/L
205-99-2	Benzo(b)fluoranthene	0.03	U	0.03	0.1	0.1	ug/L
207-08-9	Benzo(k)fluoranthene	0.03	U	0.03	0.1	0.1	ug/L
50-32-8	Benzo(a)pyrene	0.06	U	0.06	0.1	0.1	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	0.04	U	0.04	0.1	0.1	ug/L
53-70-3	Dibenzo(a,h)anthracene	0.04	U	0.04	0.1	0.1	ug/L
191-24-2	Benzo(g,h,i)perylene	0.04	U	0.04	0.1	0.1	ug/L
123-91-1	1,4-Dioxane	0.07	U	0.07	0.2	0.2	ug/L

CHEMTECH
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284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
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Report of Analysis

Client:				Date Collected:	3/29/2024 12:00:00 AM
Project:				Date Received:	3/29/2024 12:00:00 AM
Client Sample ID:	PB159883BL			SDG No.:	BN041524
Lab Sample ID:	PB159883BL			Matrix:	Water
Analytical Method:	8270-Modified			% 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
BN030943.D	1	3/29/2024 12:00:00 AM	4/15/2024 12:00:00 AM	PB159883

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
SURROGATES							
7297-45-2	2-Methylnaphthalene-d10	0.376		30-150		94	SPK: -0.4
93951-69-0	Fluoranthene-d10	0.418		30-150		104	SPK: -0.4
367-12-4	2-Fluorophenol	0.446	*	10-92		112	SPK: -0.4
13127-88-3	Phenol-d6	0.417	*	10-100		104	SPK: -0.4
4165-60-0	Nitrobenzene-d5	0.399		11-175		100	SPK: -0.4
321-60-8	2-Fluorobiphenyl	0.484		10-175		121	SPK: -0.4
118-79-6	2,4,6-Tribromophenol	0.283		24-148		71	SPK: -0.4
1718-51-0	Terphenyl-d14	0.486		54-171		122	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	3444	7.653				
1146-65-2	Naphthalene-d8	9707	10.432				
15067-26-2	Acenaphthene-d10	5071	14.295				
1517-22-2	Phenanthrene-d10	12417	17.04				
1719-03-5	Chrysene-d12	10815	21.24				
1520-96-3	Perylene-d12	11022	23.457				

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Report of Analysis

Client:				Date Collected:	3/26/2024 12:00:00 AM
Project:				Date Received:	3/26/2024 12:00:00 AM
Client Sample ID:	PT-ACIDS-WP			SDG No.:	BN041524
Lab Sample ID:	P1908-08			Matrix:	Water
Analytical Method:	8270-Modified			% 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
BN030944.D	1	3/29/2024 12:00:00 AM	4/15/2024 12:00:00 AM	PB159883

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	0.03	U	0.03	0.2	0.2	ug/L
111-44-4	bis(2-Chloroethyl)ether	0.03	U	0.03	0.1	0.1	ug/L
91-20-3	Naphthalene	0.02	U	0.02	0.1	0.1	ug/L
87-68-3	Hexachlorobutadiene	0.03	U	0.03	0.1	0.1	ug/L
91-57-6	2-Methylnaphthalene	0.03	U	0.03	0.1	0.1	ug/L
208-96-8	Acenaphthylene	0.02	U	0.02	0.1	0.1	ug/L
83-32-9	Acenaphthene	0.02	U	0.02	0.1	0.1	ug/L
Total PAH	Total PAH	0.45	U	0.45	0.1	1.6	ug/L
86-73-7	Fluorene	0.02	U	0.02	0.1	0.1	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	60.7	E	0.14	0.2	0.2	ug/L
101-55-3	4-Bromophenyl-phenylether	0.03	U	0.03	0.1	0.1	ug/L
118-74-1	Hexachlorobenzene	0.03	U	0.03	0.1	0.1	ug/L
1912-24-9	Atrazine	0.02	U	0.02	0.1	0.1	ug/L
87-86-5	Pentachlorophenol	56.1	E	0.09	0.2	0.2	ug/L
85-01-8	Phenanthrene	0.02	U	0.02	0.1	0.1	ug/L
120-12-7	Anthracene	0.02	U	0.02	0.1	0.1	ug/L
206-44-0	Fluoranthene	0.02	U	0.02	0.1	0.1	ug/L
129-00-0	Pyrene	0.02	U	0.02	0.1	0.1	ug/L
56-55-3	Benzo(a)anthracene	0.02	U	0.02	0.1	0.1	ug/L
218-01-9	Chrysene	0.03	U	0.03	0.1	0.1	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	0.14	U	0.14	0.2	0.2	ug/L
205-99-2	Benzo(b)fluoranthene	0.03	U	0.03	0.1	0.1	ug/L
207-08-9	Benzo(k)fluoranthene	0.03	U	0.03	0.1	0.1	ug/L
50-32-8	Benzo(a)pyrene	0.06	U	0.06	0.1	0.1	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	0.04	U	0.04	0.1	0.1	ug/L
53-70-3	Dibenzo(a,h)anthracene	0.04	U	0.04	0.1	0.1	ug/L
191-24-2	Benzo(g,h,i)perylene	0.04	U	0.04	0.1	0.1	ug/L
123-91-1	1,4-Dioxane	0.07	U	0.07	0.2	0.2	ug/L

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Report of Analysis

Client:				Date Collected:	3/26/2024 12:00:00 AM
Project:				Date Received:	3/26/2024 12:00:00 AM
Client Sample ID:	PT-ACIDS-WP			SDG No.:	BN041524
Lab Sample ID:	P1908-08			Matrix:	Water
Analytical Method:	8270-Modified			% 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
BN030944.D	1	3/29/2024 12:00:00 AM	4/15/2024 12:00:00 AM	PB159883

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
SURROGATES							
7297-45-2	2-Methylnaphthalene-d10	0	U	30-150		0	SPK: -0.4
93951-69-0	Fluoranthene-d10	0.006	*	30-150		1	SPK: -0.4
367-12-4	2-Fluorophenol	181.727	*	10-92		45432	SPK: -0.4
13127-88-3	Phenol-d6	200.184	*	10-100		50046	SPK: -0.4
4165-60-0	Nitrobenzene-d5	118.533	*	11-175		29633	SPK: -0.4
321-60-8	2-Fluorobiphenyl	86.66	*	10-175		21665	SPK: -0.4
118-79-6	2,4,6-Tribromophenol	235.408	*	24-148		58852	SPK: -0.4
1718-51-0	Terphenyl-d14	88.583	*	54-171		22146	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	3911	7.653				
1146-65-2	Naphthalene-d8	12879	10.432				
15067-26-2	Acenaphthene-d10	7163	14.295				
1517-22-2	Phenanthrene-d10	17102	17.04				
1719-03-5	Chrysene-d12	13341	21.24				
1520-96-3	Perylene-d12	13279	23.457				

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Report of Analysis

Client:				Date Collected:	3/26/2024 12:00:00 AM
Project:				Date Received:	3/26/2024 12:00:00 AM
Client Sample ID:	PT-ACIDS-WPDL			SDG No.:	BN041524
Lab Sample ID:	P1908-08DL			Matrix:	Water
Analytical Method:	8270-Modified			% 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
BN030945.D	50	3/29/2024 12:00:00 AM	4/15/2024 12:00:00 AM	PB159883

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	1.5	U	1.5	10	10	ug/L
111-44-4	bis(2-Chloroethyl)ether	1.4	U	1.4	5	5	ug/L
91-20-3	Naphthalene	1.2	U	1.2	5	5	ug/L
87-68-3	Hexachlorobutadiene	1.3	U	1.3	5	5	ug/L
91-57-6	2-Methylnaphthalene	1.5	U	1.5	5	5	ug/L
208-96-8	Acenaphthylene	1.1	U	1.1	5	5	ug/L
83-32-9	Acenaphthene	1	U	1	5	5	ug/L
Total PAH	Total PAH	23	U	23	5	80	ug/L
86-73-7	Fluorene	0.9	U	0.9	5	5	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	110	D	7	10	10	ug/L
101-55-3	4-Bromophenyl-phenylether	1.3	U	1.3	5	5	ug/L
118-74-1	Hexachlorobenzene	1.5	U	1.5	5	5	ug/L
1912-24-9	Atrazine	1.2	U	1.2	5	5	ug/L
87-86-5	Pentachlorophenol	110	D	4.5	10	10	ug/L
85-01-8	Phenanthrene	1	U	1	5	5	ug/L
120-12-7	Anthracene	1.2	U	1.2	5	5	ug/L
206-44-0	Fluoranthene	1.2	U	1.2	5	5	ug/L
129-00-0	Pyrene	1.1	U	1.1	5	5	ug/L
56-55-3	Benzo(a)anthracene	1.1	U	1.1	5	5	ug/L
218-01-9	Chrysene	1.3	U	1.3	5	5	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	7	U	7	10	10	ug/L
205-99-2	Benzo(b)fluoranthene	1.6	U	1.6	5	5	ug/L
207-08-9	Benzo(k)fluoranthene	1.7	U	1.7	5	5	ug/L
50-32-8	Benzo(a)pyrene	2.8	U	2.8	5	5	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	1.9	U	1.9	5	5	ug/L
53-70-3	Dibenzo(a,h)anthracene	2	U	2	5	5	ug/L
191-24-2	Benzo(g,h,i)perylene	1.9	U	1.9	5	5	ug/L
123-91-1	1,4-Dioxane	3.4	U	3.4	10	10	ug/L

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Report of Analysis

Client:				Date Collected:	3/26/2024 12:00:00 AM
Project:				Date Received:	3/26/2024 12:00:00 AM
Client Sample ID:	PT-ACIDS-WPDL			SDG No.:	BN041524
Lab Sample ID:	P1908-08DL			Matrix:	Water
Analytical Method:	8270-Modified			% 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
BN030945.D	50	3/29/2024 12:00:00 AM	4/15/2024 12:00:00 AM	PB159883

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
SURROGATES							
7297-45-2	2-Methylnaphthalene-d10	0	U	30-150		0	SPK: -0.4
93951-69-0	Fluoranthene-d10	0	U	30-150		0	SPK: -0.4
367-12-4	2-Fluorophenol	165.15	*	10-92		41287	SPK: -0.4
13127-88-3	Phenol-d6	169.8	*	10-100		42450	SPK: -0.4
4165-60-0	Nitrobenzene-d5	108.55	*	11-175		27138	SPK: -0.4
321-60-8	2-Fluorobiphenyl	107.6	*	10-175		26900	SPK: -0.4
118-79-6	2,4,6-Tribromophenol	168.65	*	24-148		42162	SPK: -0.4
1718-51-0	Terphenyl-d14	123.4	*	54-171		30850	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	3595	7.653				
1146-65-2	Naphthalene-d8	10824	10.432				
15067-26-2	Acenaphthene-d10	6073	14.295				
1517-22-2	Phenanthrene-d10	14444	17.04				
1719-03-5	Chrysene-d12	11600	21.24				
1520-96-3	Perylene-d12	11361	23.457				

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Report of Analysis

Client:				Date Collected:	3/29/2024 12:00:00 AM
Project:				Date Received:	3/29/2024 12:00:00 AM
Client Sample ID:	PB159883BS			SDG No.:	BN041524
Lab Sample ID:	PB159883BS			Matrix:	Water
Analytical Method:	8270-Modified			% 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
BN030946.D	1	3/29/2024 12:00:00 AM	4/15/2024 12:00:00 AM	PB159883

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	0.31		0.03	0.2	0.2	ug/L
111-44-4	bis(2-Chloroethyl)ether	0.33		0.03	0.1	0.1	ug/L
91-20-3	Naphthalene	0.32		0.02	0.1	0.1	ug/L
87-68-3	Hexachlorobutadiene	0.32		0.03	0.1	0.1	ug/L
91-57-6	2-Methylnaphthalene	0.31		0.03	0.1	0.1	ug/L
208-96-8	Acenaphthylene	0.33		0.02	0.1	0.1	ug/L
83-32-9	Acenaphthene	0.32		0.02	0.1	0.1	ug/L
Total PAH	Total PAH	5.07		0.45	0.1	1.6	ug/L
86-73-7	Fluorene	0.33		0.02	0.1	0.1	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	0.32		0.14	0.2	0.2	ug/L
101-55-3	4-Bromophenyl-phenylether	0.31		0.03	0.1	0.1	ug/L
118-74-1	Hexachlorobenzene	0.3		0.03	0.1	0.1	ug/L
1912-24-9	Atrazine	0.3		0.02	0.1	0.1	ug/L
87-86-5	Pentachlorophenol	0.35		0.09	0.2	0.2	ug/L
85-01-8	Phenanthrene	0.33		0.02	0.1	0.1	ug/L
120-12-7	Anthracene	0.31		0.02	0.1	0.1	ug/L
206-44-0	Fluoranthene	0.31		0.02	0.1	0.1	ug/L
129-00-0	Pyrene	0.33		0.02	0.1	0.1	ug/L
56-55-3	Benzo(a)anthracene	0.32		0.02	0.1	0.1	ug/L
218-01-9	Chrysene	0.31		0.03	0.1	0.1	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	0.31		0.14	0.2	0.2	ug/L
205-99-2	Benzo(b)fluoranthene	0.33		0.03	0.1	0.1	ug/L
207-08-9	Benzo(k)fluoranthene	0.3		0.03	0.1	0.1	ug/L
50-32-8	Benzo(a)pyrene	0.31		0.06	0.1	0.1	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	0.31		0.04	0.1	0.1	ug/L
53-70-3	Dibenzo(a,h)anthracene	0.31		0.04	0.1	0.1	ug/L
191-24-2	Benzo(g,h,i)perylene	0.3		0.04	0.1	0.1	ug/L
123-91-1	1,4-Dioxane	0.33		0.07	0.2	0.2	ug/L

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Report of Analysis

Client:				Date Collected:	3/29/2024 12:00:00 AM
Project:				Date Received:	3/29/2024 12:00:00 AM
Client Sample ID:	PB159883BS			SDG No.:	BN041524
Lab Sample ID:	PB159883BS			Matrix:	Water
Analytical Method:	8270-Modified			% 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
BN030946.D	1	3/29/2024 12:00:00 AM	4/15/2024 12:00:00 AM	PB159883

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
SURROGATES							
7297-45-2	2-Methylnaphthalene-d10	0.445		30-150		111	SPK: -0.4
93951-69-0	Fluoranthene-d10	0.325		30-150		81	SPK: -0.4
367-12-4	2-Fluorophenol	0.439	*	10-92		110	SPK: -0.4
13127-88-3	Phenol-d6	0.442	*	10-100		111	SPK: -0.4
4165-60-0	Nitrobenzene-d5	0.344		11-175		86	SPK: -0.4
321-60-8	2-Fluorobiphenyl	0.356		10-175		89	SPK: -0.4
118-79-6	2,4,6-Tribromophenol	0.386		24-148		97	SPK: -0.4
1718-51-0	Terphenyl-d14	0.334		54-171		83	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	4566	7.653				
1146-65-2	Naphthalene-d8	13389	10.432				
15067-26-2	Acenaphthene-d10	7491	14.295				
1517-22-2	Phenanthrene-d10	18288	17.04				
1719-03-5	Chrysene-d12	17539	21.24				
1520-96-3	Perylene-d12	17522	23.457				

CHEMTECH
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284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
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Report of Analysis

Client:				Date Collected:	4/12/2024 12:00:00 AM
Project:				Date Received:	4/12/2024 12:00:00 AM
Client Sample ID:	PB160202BL			SDG No.:	BN041524
Lab Sample ID:	PB160202BL			Matrix:	Water
Analytical Method:	8270-Modified			% 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
BN030950.D	1	4/12/2024 12:00:00 AM	4/15/2024 12:00:00 AM	PB160202

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	0.03	U	0.03	0.2	0.2	ug/L
111-44-4	bis(2-Chloroethyl)ether	0.03	U	0.03	0.1	0.1	ug/L
91-20-3	Naphthalene	0.02	U	0.02	0.1	0.1	ug/L
87-68-3	Hexachlorobutadiene	0.03	U	0.03	0.1	0.1	ug/L
91-57-6	2-Methylnaphthalene	0.03	U	0.03	0.1	0.1	ug/L
208-96-8	Acenaphthylene	0.02	U	0.02	0.1	0.1	ug/L
83-32-9	Acenaphthene	0.02	U	0.02	0.1	0.1	ug/L
Total PAH	Total PAH	0.45	U	0.45	0.1	1.6	ug/L
86-73-7	Fluorene	0.02	U	0.02	0.1	0.1	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	0.14	U	0.14	0.2	0.2	ug/L
101-55-3	4-Bromophenyl-phenylether	0.03	U	0.03	0.1	0.1	ug/L
118-74-1	Hexachlorobenzene	0.03	U	0.03	0.1	0.1	ug/L
1912-24-9	Atrazine	0.02	U	0.02	0.1	0.1	ug/L
87-86-5	Pentachlorophenol	0.09	U	0.09	0.2	0.2	ug/L
85-01-8	Phenanthrene	0.02	U	0.02	0.1	0.1	ug/L
120-12-7	Anthracene	0.02	U	0.02	0.1	0.1	ug/L
206-44-0	Fluoranthene	0.02	U	0.02	0.1	0.1	ug/L
129-00-0	Pyrene	0.02	U	0.02	0.1	0.1	ug/L
56-55-3	Benzo(a)anthracene	0.02	U	0.02	0.1	0.1	ug/L
218-01-9	Chrysene	0.03	U	0.03	0.1	0.1	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	0.14	U	0.14	0.2	0.2	ug/L
205-99-2	Benzo(b)fluoranthene	0.03	U	0.03	0.1	0.1	ug/L
207-08-9	Benzo(k)fluoranthene	0.03	U	0.03	0.1	0.1	ug/L
50-32-8	Benzo(a)pyrene	0.06	U	0.06	0.1	0.1	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	0.04	U	0.04	0.1	0.1	ug/L
53-70-3	Dibenzo(a,h)anthracene	0.04	U	0.04	0.1	0.1	ug/L
191-24-2	Benzo(g,h,i)perylene	0.04	U	0.04	0.1	0.1	ug/L
123-91-1	1,4-Dioxane	0.07	U	0.07	0.2	0.2	ug/L

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Report of Analysis

Client:				Date Collected:	4/12/2024 12:00:00 AM
Project:				Date Received:	4/12/2024 12:00:00 AM
Client Sample ID:	PB160202BL			SDG No.:	BN041524
Lab Sample ID:	PB160202BL			Matrix:	Water
Analytical Method:	8270-Modified			% 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
BN030950.D	1	4/12/2024 12:00:00 AM	4/15/2024 12:00:00 AM	PB160202

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
SURROGATES							
7297-45-2	2-Methylnaphthalene-d10	0.327		30-150		82	SPK: -0.4
93951-69-0	Fluoranthene-d10	0.346		30-150		86	SPK: -0.4
367-12-4	2-Fluorophenol	0.382	*	10-92		95	SPK: -0.4
13127-88-3	Phenol-d6	0.35		10-100		88	SPK: -0.4
4165-60-0	Nitrobenzene-d5	0.31		11-175		77	SPK: -0.4
321-60-8	2-Fluorobiphenyl	0.365		10-175		91	SPK: -0.4
118-79-6	2,4,6-Tribromophenol	0.295		24-148		74	SPK: -0.4
1718-51-0	Terphenyl-d14	0.365		54-171		91	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	3953	7.653				
1146-65-2	Naphthalene-d8	11347	10.432				
15067-26-2	Acenaphthene-d10	5967	14.295				
1517-22-2	Phenanthrene-d10	14502	17.04				
1719-03-5	Chrysene-d12	11765	21.231				
1520-96-3	Perylene-d12	8850	23.451				

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Report of Analysis

Client:				Date Collected:	4/12/2024 12:00:00 AM
Project:				Date Received:	4/12/2024 12:00:00 AM
Client Sample ID:	PB160202BS			SDG No.:	BN041524
Lab Sample ID:	PB160202BS			Matrix:	Water
Analytical Method:	8270-Modified			% 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
BN030951.D	1	4/12/2024 12:00:00 AM	4/16/2024 12:00:00 AM	PB160202

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	0.36		0.03	0.2	0.2	ug/L
111-44-4	bis(2-Chloroethyl)ether	0.34		0.03	0.1	0.1	ug/L
91-20-3	Naphthalene	0.36		0.02	0.1	0.1	ug/L
87-68-3	Hexachlorobutadiene	0.35		0.03	0.1	0.1	ug/L
91-57-6	2-Methylnaphthalene	0.34		0.03	0.1	0.1	ug/L
208-96-8	Acenaphthylene	0.36		0.02	0.1	0.1	ug/L
83-32-9	Acenaphthene	0.35		0.02	0.1	0.1	ug/L
Total PAH	Total PAH	6.69		0.45	0.1	1.6	ug/L
86-73-7	Fluorene	0.36		0.02	0.1	0.1	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	0.37		0.14	0.2	0.2	ug/L
101-55-3	4-Bromophenyl-phenylether	0.34		0.03	0.1	0.1	ug/L
118-74-1	Hexachlorobenzene	0.34		0.03	0.1	0.1	ug/L
1912-24-9	Atrazine	0.09	J	0.02	0.1	0.1	ug/L
87-86-5	Pentachlorophenol	0.71		0.09	0.2	0.2	ug/L
85-01-8	Phenanthrene	0.37		0.02	0.1	0.1	ug/L
120-12-7	Anthracene	0.34		0.02	0.1	0.1	ug/L
206-44-0	Fluoranthene	0.33		0.02	0.1	0.1	ug/L
129-00-0	Pyrene	0.36		0.02	0.1	0.1	ug/L
56-55-3	Benzo(a)anthracene	0.36		0.02	0.1	0.1	ug/L
218-01-9	Chrysene	0.38		0.03	0.1	0.1	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	0.31		0.14	0.2	0.2	ug/L
205-99-2	Benzo(b)fluoranthene	0.6		0.03	0.1	0.1	ug/L
207-08-9	Benzo(k)fluoranthene	0.58		0.03	0.1	0.1	ug/L
50-32-8	Benzo(a)pyrene	0.42		0.06	0.1	0.1	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	0.5		0.04	0.1	0.1	ug/L
53-70-3	Dibenzo(a,h)anthracene	0.55		0.04	0.1	0.1	ug/L
191-24-2	Benzo(g,h,i)perylene	0.47		0.04	0.1	0.1	ug/L
123-91-1	1,4-Dioxane	0.26		0.07	0.2	0.2	ug/L

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Report of Analysis

Client:				Date Collected:	4/12/2024 12:00:00 AM
Project:				Date Received:	4/12/2024 12:00:00 AM
Client Sample ID:	PB160202BS			SDG No.:	BN041524
Lab Sample ID:	PB160202BS			Matrix:	Water
Analytical Method:	8270-Modified			% 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
BN030951.D	1	4/12/2024 12:00:00 AM	4/16/2024 12:00:00 AM	PB160202

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
SURROGATES							
7297-45-2	2-Methylnaphthalene-d10	0.655	*	30-150		164	SPK: -0.4
93951-69-0	Fluoranthene-d10	0.329		30-150		82	SPK: -0.4
367-12-4	2-Fluorophenol	0.371	*	10-92		93	SPK: -0.4
13127-88-3	Phenol-d6	0.368		10-100		92	SPK: -0.4
4165-60-0	Nitrobenzene-d5	0.333		11-175		83	SPK: -0.4
321-60-8	2-Fluorobiphenyl	0.35		10-175		88	SPK: -0.4
118-79-6	2,4,6-Tribromophenol	0.313		24-148		78	SPK: -0.4
1718-51-0	Terphenyl-d14	0.353		54-171		88	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	4563	7.646				
1146-65-2	Naphthalene-d8	13137	10.432				
15067-26-2	Acenaphthene-d10	6926	14.284				
1517-22-2	Phenanthrene-d10	16399	17.04				
1719-03-5	Chrysene-d12	13154	21.24				
1520-96-3	Perylene-d12	7459	23.454				

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Report of Analysis

Client:				Date Collected:	4/10/2024 12:00:00 AM
Project:				Date Received:	4/10/2024 12:00:00 AM
Client Sample ID:	PB160153BS			SDG No.:	BN041524
Lab Sample ID:	PB160153BS			Matrix:	Water
Analytical Method:	8270-Modified			% 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
BN030952.D	1	4/10/2024 12:00:00 AM	4/16/2024 12:00:00 AM	PB160153

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	0.41		0.03	0.2	0.2	ug/L
111-44-4	bis(2-Chloroethyl)ether	0.37		0.03	0.1	0.1	ug/L
91-20-3	Naphthalene	0.37		0.02	0.1	0.1	ug/L
87-68-3	Hexachlorobutadiene	0.37		0.03	0.1	0.1	ug/L
91-57-6	2-Methylnaphthalene	0.36		0.03	0.1	0.1	ug/L
208-96-8	Acenaphthylene	0.38		0.02	0.1	0.1	ug/L
83-32-9	Acenaphthene	0.37		0.02	0.1	0.1	ug/L
Total PAH	Total PAH	7.6		0.45	0.1	1.6	ug/L
86-73-7	Fluorene	0.39		0.02	0.1	0.1	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	0.38		0.14	0.2	0.2	ug/L
101-55-3	4-Bromophenyl-phenylether	0.36		0.03	0.1	0.1	ug/L
118-74-1	Hexachlorobenzene	0.36		0.03	0.1	0.1	ug/L
1912-24-9	Atrazine	0.02	J	0.02	0.1	0.1	ug/L
87-86-5	Pentachlorophenol	0.73		0.09	0.2	0.2	ug/L
85-01-8	Phenanthrene	0.38		0.02	0.1	0.1	ug/L
120-12-7	Anthracene	0.35		0.02	0.1	0.1	ug/L
206-44-0	Fluoranthene	0.35		0.02	0.1	0.1	ug/L
129-00-0	Pyrene	0.37		0.02	0.1	0.1	ug/L
56-55-3	Benzo(a)anthracene	0.4		0.02	0.1	0.1	ug/L
218-01-9	Chrysene	0.43		0.03	0.1	0.1	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	0.34		0.14	0.2	0.2	ug/L
205-99-2	Benzo(b)fluoranthene	0.73		0.03	0.1	0.1	ug/L
207-08-9	Benzo(k)fluoranthene	0.72		0.03	0.1	0.1	ug/L
50-32-8	Benzo(a)pyrene	0.5		0.06	0.1	0.1	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	0.6		0.04	0.1	0.1	ug/L
53-70-3	Dibenzo(a,h)anthracene	0.7		0.04	0.1	0.1	ug/L
191-24-2	Benzo(g,h,i)perylene	0.56		0.04	0.1	0.1	ug/L
123-91-1	1,4-Dioxane	0.29		0.07	0.2	0.2	ug/L

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Report of Analysis

Client:				Date Collected:	4/10/2024 12:00:00 AM
Project:				Date Received:	4/10/2024 12:00:00 AM
Client Sample ID:	PB160153BS			SDG No.:	BN041524
Lab Sample ID:	PB160153BS			Matrix:	Water
Analytical Method:	8270-Modified			% 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
BN030952.D	1	4/10/2024 12:00:00 AM	4/16/2024 12:00:00 AM	PB160153

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
SURROGATES							
7297-45-2	2-Methylnaphthalene-d10	0.677	*	30-150		169	SPK: -0.4
93951-69-0	Fluoranthene-d10	0.349		30-150		87	SPK: -0.4
367-12-4	2-Fluorophenol	0.401	*	10-92		100	SPK: -0.4
13127-88-3	Phenol-d6	0.405	*	10-100		101	SPK: -0.4
4165-60-0	Nitrobenzene-d5	0.354		11-175		88	SPK: -0.4
321-60-8	2-Fluorobiphenyl	0.371		10-175		93	SPK: -0.4
118-79-6	2,4,6-Tribromophenol	0.331		24-148		83	SPK: -0.4
1718-51-0	Terphenyl-d14	0.383		54-171		96	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	4345	7.653				
1146-65-2	Naphthalene-d8	12817	10.432				
15067-26-2	Acenaphthene-d10	6716	14.284				
1517-22-2	Phenanthrene-d10	15997	17.04				
1719-03-5	Chrysene-d12	12546	21.24				
1520-96-3	Perylene-d12	6444	23.454				

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Report of Analysis

Client:				Date Collected:	4/10/2024 12:00:00 AM
Project:				Date Received:	4/10/2024 12:00:00 AM
Client Sample ID:	PB160153BSD			SDG No.:	BN041524
Lab Sample ID:	PB160153BSD			Matrix:	Water
Analytical Method:	8270-Modified			% 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
BN030953.D	1	4/10/2024 12:00:00 AM	4/16/2024 12:00:00 AM	PB160153

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	0.34		0.03	0.2	0.2	ug/L
111-44-4	bis(2-Chloroethyl)ether	0.35		0.03	0.1	0.1	ug/L
91-20-3	Naphthalene	0.35		0.02	0.1	0.1	ug/L
87-68-3	Hexachlorobutadiene	0.34		0.03	0.1	0.1	ug/L
91-57-6	2-Methylnaphthalene	0.33		0.03	0.1	0.1	ug/L
208-96-8	Acenaphthylene	0.35		0.02	0.1	0.1	ug/L
83-32-9	Acenaphthene	0.34		0.02	0.1	0.1	ug/L
Total PAH	Total PAH	6.99		0.45	0.1	1.6	ug/L
86-73-7	Fluorene	0.35		0.02	0.1	0.1	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	0.35		0.14	0.2	0.2	ug/L
101-55-3	4-Bromophenyl-phenylether	0.33		0.03	0.1	0.1	ug/L
118-74-1	Hexachlorobenzene	0.34		0.03	0.1	0.1	ug/L
1912-24-9	Atrazine	0.02	J	0.02	0.1	0.1	ug/L
87-86-5	Pentachlorophenol	0.68		0.09	0.2	0.2	ug/L
85-01-8	Phenanthrene	0.36		0.02	0.1	0.1	ug/L
120-12-7	Anthracene	0.32		0.02	0.1	0.1	ug/L
206-44-0	Fluoranthene	0.32		0.02	0.1	0.1	ug/L
129-00-0	Pyrene	0.35		0.02	0.1	0.1	ug/L
56-55-3	Benzo(a)anthracene	0.37		0.02	0.1	0.1	ug/L
218-01-9	Chrysene	0.4		0.03	0.1	0.1	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	0.33		0.14	0.2	0.2	ug/L
205-99-2	Benzo(b)fluoranthene	0.66		0.03	0.1	0.1	ug/L
207-08-9	Benzo(k)fluoranthene	0.65		0.03	0.1	0.1	ug/L
50-32-8	Benzo(a)pyrene	0.47		0.06	0.1	0.1	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	0.55		0.04	0.1	0.1	ug/L
53-70-3	Dibenzo(a,h)anthracene	0.63		0.04	0.1	0.1	ug/L
191-24-2	Benzo(g,h,i)perylene	0.52		0.04	0.1	0.1	ug/L
123-91-1	1,4-Dioxane	0.26		0.07	0.2	0.2	ug/L

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Report of Analysis

Client:				Date Collected:	4/10/2024 12:00:00 AM
Project:				Date Received:	4/10/2024 12:00:00 AM
Client Sample ID:	PB160153BSD			SDG No.:	BN041524
Lab Sample ID:	PB160153BSD			Matrix:	Water
Analytical Method:	8270-Modified			% 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
BN030953.D	1	4/10/2024 12:00:00 AM	4/16/2024 12:00:00 AM	PB160153

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
SURROGATES							
7297-45-2	2-Methylnaphthalene-d10	0.645	*	30-150		161	SPK: -0.4
93951-69-0	Fluoranthene-d10	0.325		30-150		81	SPK: -0.4
367-12-4	2-Fluorophenol	0.367		10-92		92	SPK: -0.4
13127-88-3	Phenol-d6	0.367		10-100		92	SPK: -0.4
4165-60-0	Nitrobenzene-d5	0.326		11-175		81	SPK: -0.4
321-60-8	2-Fluorobiphenyl	0.349		10-175		87	SPK: -0.4
118-79-6	2,4,6-Tribromophenol	0.299		24-148		75	SPK: -0.4
1718-51-0	Terphenyl-d14	0.356		54-171		89	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	4292	7.653				
1146-65-2	Naphthalene-d8	12579	10.432				
15067-26-2	Acenaphthene-d10	6641	14.284				
1517-22-2	Phenanthrene-d10	15953	17.04				
1719-03-5	Chrysene-d12	12746	21.24				
1520-96-3	Perylene-d12	6807	23.454				

CHEMTECH
AN ALLIANCE TECHNICAL GROUP COMPANY

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

Report of Analysis

Client:				Date Collected:	4/8/2024 12:00:00 AM
Project:				Date Received:	4/8/2024 12:00:00 AM
Client Sample ID:	RSB-01-37-040824			SDG No.:	BN041524
Lab Sample ID:	P2031-01			Matrix:	Water
Analytical Method:	8270-Modified			% Moisture:	100
Sample Wt/Vol:	990	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
BN030954.D	1	4/10/2024 12:00:00 AM	4/16/2024 12:00:00 AM	PB160153

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	0.03	U	0.03	0.2	0.2	ug/L
111-44-4	bis(2-Chloroethyl)ether	0.03	U	0.03	0.1	0.1	ug/L
91-20-3	Naphthalene	0.02	U	0.02	0.1	0.1	ug/L
87-68-3	Hexachlorobutadiene	0.03	U	0.03	0.1	0.1	ug/L
91-57-6	2-Methylnaphthalene	0.03	U	0.03	0.1	0.1	ug/L
208-96-8	Acenaphthylene	0.02	U	0.02	0.1	0.1	ug/L
83-32-9	Acenaphthene	0.02	U	0.02	0.1	0.1	ug/L
Total PAH	Total PAH	0.45	U	0.45	0.1	1.6	ug/L
86-73-7	Fluorene	0.02	U	0.02	0.1	0.1	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	0.14	U	0.14	0.2	0.2	ug/L
101-55-3	4-Bromophenyl-phenylether	0.03	U	0.03	0.1	0.1	ug/L
118-74-1	Hexachlorobenzene	0.03	U	0.03	0.1	0.1	ug/L
1912-24-9	Atrazine	0.02	U	0.02	0.1	0.1	ug/L
87-86-5	Pentachlorophenol	0.09	U	0.09	0.2	0.2	ug/L
85-01-8	Phenanthrene	0.02	U	0.02	0.1	0.1	ug/L
120-12-7	Anthracene	0.02	U	0.02	0.1	0.1	ug/L
206-44-0	Fluoranthene	0.02	U	0.02	0.1	0.1	ug/L
129-00-0	Pyrene	0.02	U	0.02	0.1	0.1	ug/L
56-55-3	Benzo(a)anthracene	0.04	J	0.02	0.1	0.1	ug/L
218-01-9	Chrysene	0.04	J	0.03	0.1	0.1	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	0.14	U	0.14	0.2	0.2	ug/L
205-99-2	Benzo(b)fluoranthene	0.04	J	0.03	0.1	0.1	ug/L
207-08-9	Benzo(k)fluoranthene	0.04	J	0.03	0.1	0.1	ug/L
50-32-8	Benzo(a)pyrene	0.06	U	0.06	0.1	0.1	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	0.04	U	0.04	0.1	0.1	ug/L
53-70-3	Dibenzo(a,h)anthracene	0.04	U	0.04	0.1	0.1	ug/L
191-24-2	Benzo(g,h,i)perylene	0.04	U	0.04	0.1	0.1	ug/L
123-91-1	1,4-Dioxane	0.07	U	0.07	0.2	0.2	ug/L

CHEMTECH
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Report of Analysis

Client:				Date Collected:	4/8/2024 12:00:00 AM
Project:				Date Received:	4/8/2024 12:00:00 AM
Client Sample ID:	RSB-01-37-040824			SDG No.:	BN041524
Lab Sample ID:	P2031-01			Matrix:	Water
Analytical Method:	8270-Modified			% Moisture:	100
Sample Wt/Vol:	990	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
BN030954.D	1	4/10/2024 12:00:00 AM	4/16/2024 12:00:00 AM	PB160153

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
SURROGATES							
7297-45-2	2-Methylnaphthalene-d10	0.301		30-150		75	SPK: -0.4
93951-69-0	Fluoranthene-d10	0.396		30-150		99	SPK: -0.4
367-12-4	2-Fluorophenol	0.146		10-92		36	SPK: -0.4
13127-88-3	Phenol-d6	0.097		10-100		24	SPK: -0.4
4165-60-0	Nitrobenzene-d5	0.282		11-175		70	SPK: -0.4
321-60-8	2-Fluorobiphenyl	0.312		10-175		78	SPK: -0.4
118-79-6	2,4,6-Tribromophenol	0.251		24-148		63	SPK: -0.4
1718-51-0	Terphenyl-d14	0.401		54-171		100	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	4293	7.653				
1146-65-2	Naphthalene-d8	12512	10.432				
15067-26-2	Acenaphthene-d10	6745	14.284				
1517-22-2	Phenanthrene-d10	16081	17.04				
1719-03-5	Chrysene-d12	15231	21.24				
1520-96-3	Perylene-d12	15121	23.454				

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Report of Analysis

Client:		Date Collected:	4/8/2024 12:00:00 AM
Project:		Date Received:	4/8/2024 12:00:00 AM
Client Sample ID:	RSB-01-37-040824-FD	SDG No.:	BN041524
Lab Sample ID:	P2031-02	Matrix:	Water
Analytical Method:	8270-Modified	% 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
BN030955.D	1	4/10/2024 12:00:00 AM	4/16/2024 12:00:00 AM	PB160153

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	0.03	U	0.03	0.2	0.2	ug/L
111-44-4	bis(2-Chloroethyl)ether	0.03	U	0.03	0.1	0.1	ug/L
91-20-3	Naphthalene	0.02	U	0.02	0.1	0.1	ug/L
87-68-3	Hexachlorobutadiene	0.03	U	0.03	0.1	0.1	ug/L
91-57-6	2-Methylnaphthalene	0.03	U	0.03	0.1	0.1	ug/L
208-96-8	Acenaphthylene	0.02	U	0.02	0.1	0.1	ug/L
83-32-9	Acenaphthene	0.02	U	0.02	0.1	0.1	ug/L
Total PAH	Total PAH	0.45	U	0.45	0.1	1.6	ug/L
86-73-7	Fluorene	0.02	U	0.02	0.1	0.1	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	0.14	U	0.14	0.2	0.2	ug/L
101-55-3	4-Bromophenyl-phenylether	0.03	U	0.03	0.1	0.1	ug/L
118-74-1	Hexachlorobenzene	0.03	U	0.03	0.1	0.1	ug/L
1912-24-9	Atrazine	0.02	U	0.02	0.1	0.1	ug/L
87-86-5	Pentachlorophenol	0.09	U	0.09	0.2	0.2	ug/L
85-01-8	Phenanthrene	0.02	U	0.02	0.1	0.1	ug/L
120-12-7	Anthracene	0.02	U	0.02	0.1	0.1	ug/L
206-44-0	Fluoranthene	0.02	U	0.02	0.1	0.1	ug/L
129-00-0	Pyrene	0.02	U	0.02	0.1	0.1	ug/L
56-55-3	Benzo(a)anthracene	0.04	J	0.02	0.1	0.1	ug/L
218-01-9	Chrysene	0.04	J	0.03	0.1	0.1	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	0.14	U	0.14	0.2	0.2	ug/L
205-99-2	Benzo(b)fluoranthene	0.04	J	0.03	0.1	0.1	ug/L
207-08-9	Benzo(k)fluoranthene	0.04	J	0.03	0.1	0.1	ug/L
50-32-8	Benzo(a)pyrene	0.06	U	0.06	0.1	0.1	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	0.04	U	0.04	0.1	0.1	ug/L
53-70-3	Dibenzo(a,h)anthracene	0.04	U	0.04	0.1	0.1	ug/L
191-24-2	Benzo(g,h,i)perylene	0.04	U	0.04	0.1	0.1	ug/L
123-91-1	1,4-Dioxane	0.07	U	0.07	0.2	0.2	ug/L

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Report of Analysis

Client:				Date Collected:	4/8/2024 12:00:00 AM
Project:				Date Received:	4/8/2024 12:00:00 AM
Client Sample ID:	RSB-01-37-040824-FD			SDG No.:	BN041524
Lab Sample ID:	P2031-02			Matrix:	Water
Analytical Method:	8270-Modified			% 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
BN030955.D	1	4/10/2024 12:00:00 AM	4/16/2024 12:00:00 AM	PB160153

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
SURROGATES							
7297-45-2	2-Methylnaphthalene-d10	0.298		30-150		75	SPK: -0.4
93951-69-0	Fluoranthene-d10	0.405		30-150		101	SPK: -0.4
367-12-4	2-Fluorophenol	0.16		10-92		40	SPK: -0.4
13127-88-3	Phenol-d6	0.11		10-100		28	SPK: -0.4
4165-60-0	Nitrobenzene-d5	0.284		11-175		71	SPK: -0.4
321-60-8	2-Fluorobiphenyl	0.287		10-175		72	SPK: -0.4
118-79-6	2,4,6-Tribromophenol	0.223		24-148		56	SPK: -0.4
1718-51-0	Terphenyl-d14	0.38		54-171		95	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	5076	7.646				
1146-65-2	Naphthalene-d8	14791	10.432				
15067-26-2	Acenaphthene-d10	8090	14.284				
1517-22-2	Phenanthrene-d10	19288	17.04				
1719-03-5	Chrysene-d12	17779	21.231				
1520-96-3	Perylene-d12	17703	23.454				

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Report of Analysis

Client:				Date Collected:	4/9/2024 12:00:00 AM
Project:				Date Received:	4/9/2024 12:00:00 AM
Client Sample ID:	RSB-01-75-040924			SDG No.:	BN041524
Lab Sample ID:	P2041-01			Matrix:	Water
Analytical Method:	8270-Modified			% 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
BN030956.D	1	4/10/2024 12:00:00 AM	4/16/2024 12:00:00 AM	PB160153

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	0.03	U	0.03	0.2	0.2	ug/L
111-44-4	bis(2-Chloroethyl)ether	0.03	U	0.03	0.1	0.1	ug/L
91-20-3	Naphthalene	0.05	J	0.02	0.1	0.1	ug/L
87-68-3	Hexachlorobutadiene	0.03	U	0.03	0.1	0.1	ug/L
91-57-6	2-Methylnaphthalene	0.09	J	0.03	0.1	0.1	ug/L
208-96-8	Acenaphthylene	0.02	U	0.02	0.1	0.1	ug/L
83-32-9	Acenaphthene	0.02	U	0.02	0.1	0.1	ug/L
Total PAH	Total PAH	0.45	U	0.45	0.1	1.6	ug/L
86-73-7	Fluorene	0.02	U	0.02	0.1	0.1	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	0.14	U	0.14	0.2	0.2	ug/L
101-55-3	4-Bromophenyl-phenylether	0.03	U	0.03	0.1	0.1	ug/L
118-74-1	Hexachlorobenzene	0.03	U	0.03	0.1	0.1	ug/L
1912-24-9	Atrazine	0.02	U	0.02	0.1	0.1	ug/L
87-86-5	Pentachlorophenol	0.09	U	0.09	0.2	0.2	ug/L
85-01-8	Phenanthrene	0.02	U	0.02	0.1	0.1	ug/L
120-12-7	Anthracene	0.02	U	0.02	0.1	0.1	ug/L
206-44-0	Fluoranthene	0.02	U	0.02	0.1	0.1	ug/L
129-00-0	Pyrene	0.02	U	0.02	0.1	0.1	ug/L
56-55-3	Benzo(a)anthracene	0.02	U	0.02	0.1	0.1	ug/L
218-01-9	Chrysene	0.03	U	0.03	0.1	0.1	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	0.14	U	0.14	0.2	0.2	ug/L
205-99-2	Benzo(b)fluoranthene	0.03	U	0.03	0.1	0.1	ug/L
207-08-9	Benzo(k)fluoranthene	0.03	U	0.03	0.1	0.1	ug/L
50-32-8	Benzo(a)pyrene	0.06	U	0.06	0.1	0.1	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	0.04	U	0.04	0.1	0.1	ug/L
53-70-3	Dibenzo(a,h)anthracene	0.04	U	0.04	0.1	0.1	ug/L
191-24-2	Benzo(g,h,i)perylene	0.04	U	0.04	0.1	0.1	ug/L
123-91-1	1,4-Dioxane	0.07	U	0.07	0.2	0.2	ug/L

CHEMTECH
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284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
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Report of Analysis

Client:				Date Collected:	4/9/2024 12:00:00 AM
Project:				Date Received:	4/9/2024 12:00:00 AM
Client Sample ID:	RSB-01-75-040924			SDG No.:	BN041524
Lab Sample ID:	P2041-01			Matrix:	Water
Analytical Method:	8270-Modified			% 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
BN030956.D	1	4/10/2024 12:00:00 AM	4/16/2024 12:00:00 AM	PB160153

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
SURROGATES							
7297-45-2	2-Methylnaphthalene-d10	0.279		30-150		70	SPK: -0.4
93951-69-0	Fluoranthene-d10	0.367		30-150		92	SPK: -0.4
367-12-4	2-Fluorophenol	0.108		10-92		27	SPK: -0.4
13127-88-3	Phenol-d6	0.064		10-100		16	SPK: -0.4
4165-60-0	Nitrobenzene-d5	0.243		11-175		61	SPK: -0.4
321-60-8	2-Fluorobiphenyl	0.253		10-175		63	SPK: -0.4
118-79-6	2,4,6-Tribromophenol	0.269		24-148		67	SPK: -0.4
1718-51-0	Terphenyl-d14	0.336		54-171		84	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	5083	7.646				
1146-65-2	Naphthalene-d8	15716	10.421				
15067-26-2	Acenaphthene-d10	8881	14.284				
1517-22-2	Phenanthrene-d10	21342	17.04				
1719-03-5	Chrysene-d12	20506	21.231				
1520-96-3	Perylene-d12	21828	23.454				

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Report of Analysis

Client:				Date Collected:	4/9/2024 12:00:00 AM
Project:				Date Received:	4/9/2024 12:00:00 AM
Client Sample ID:	RSB-01-95-040924			SDG No.:	BN041524
Lab Sample ID:	P2041-02			Matrix:	Water
Analytical Method:	8270-Modified			% Moisture:	100
Sample Wt/Vol:	980	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
BN030957.D	1	4/10/2024 12:00:00 AM	4/16/2024 12:00:00 AM	PB160153

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	0.03	U	0.03	0.2	0.2	ug/L
111-44-4	bis(2-Chloroethyl)ether	0.03	U	0.03	0.1	0.1	ug/L
91-20-3	Naphthalene	0.02	J	0.02	0.1	0.1	ug/L
87-68-3	Hexachlorobutadiene	0.03	U	0.03	0.1	0.1	ug/L
91-57-6	2-Methylnaphthalene	0.03	U	0.03	0.1	0.1	ug/L
208-96-8	Acenaphthylene	0.02	U	0.02	0.1	0.1	ug/L
83-32-9	Acenaphthene	0.02	U	0.02	0.1	0.1	ug/L
Total PAH	Total PAH	0.45	U	0.45	0.1	1.6	ug/L
86-73-7	Fluorene	0.02	U	0.02	0.1	0.1	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	0.14	U	0.14	0.2	0.2	ug/L
101-55-3	4-Bromophenyl-phenylether	0.03	U	0.03	0.1	0.1	ug/L
118-74-1	Hexachlorobenzene	0.03	U	0.03	0.1	0.1	ug/L
1912-24-9	Atrazine	0.02	U	0.02	0.1	0.1	ug/L
87-86-5	Pentachlorophenol	0.09	U	0.09	0.2	0.2	ug/L
85-01-8	Phenanthrene	0.02	U	0.02	0.1	0.1	ug/L
120-12-7	Anthracene	0.02	U	0.02	0.1	0.1	ug/L
206-44-0	Fluoranthene	0.02	U	0.02	0.1	0.1	ug/L
129-00-0	Pyrene	0.02	U	0.02	0.1	0.1	ug/L
56-55-3	Benzo(a)anthracene	0.02	U	0.02	0.1	0.1	ug/L
218-01-9	Chrysene	0.03	U	0.03	0.1	0.1	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	0.66		0.14	0.2	0.2	ug/L
205-99-2	Benzo(b)fluoranthene	0.03	U	0.03	0.1	0.1	ug/L
207-08-9	Benzo(k)fluoranthene	0.03	U	0.03	0.1	0.1	ug/L
50-32-8	Benzo(a)pyrene	0.06	U	0.06	0.1	0.1	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	0.04	U	0.04	0.1	0.1	ug/L
53-70-3	Dibenzo(a,h)anthracene	0.04	U	0.04	0.1	0.1	ug/L
191-24-2	Benzo(g,h,i)perylene	0.04	U	0.04	0.1	0.1	ug/L
123-91-1	1,4-Dioxane	0.07	U	0.07	0.2	0.2	ug/L

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Report of Analysis

Client:				Date Collected:	4/9/2024 12:00:00 AM
Project:				Date Received:	4/9/2024 12:00:00 AM
Client Sample ID:	RSB-01-95-040924			SDG No.:	BN041524
Lab Sample ID:	P2041-02			Matrix:	Water
Analytical Method:	8270-Modified			% Moisture:	100
Sample Wt/Vol:	980	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
BN030957.D	1	4/10/2024 12:00:00 AM	4/16/2024 12:00:00 AM	PB160153

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
SURROGATES							
7297-45-2	2-Methylnaphthalene-d10	0.274		30-150		68	SPK: -0.4
93951-69-0	Fluoranthene-d10	0.331		30-150		83	SPK: -0.4
367-12-4	2-Fluorophenol	0.104		10-92		26	SPK: -0.4
13127-88-3	Phenol-d6	0.066		10-100		16	SPK: -0.4
4165-60-0	Nitrobenzene-d5	0.243		11-175		61	SPK: -0.4
321-60-8	2-Fluorobiphenyl	0.23		10-175		57	SPK: -0.4
118-79-6	2,4,6-Tribromophenol	0.275		24-148		69	SPK: -0.4
1718-51-0	Terphenyl-d14	0.284		54-171		71	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	5572	7.646				
1146-65-2	Naphthalene-d8	17144	10.421				
15067-26-2	Acenaphthene-d10	10188	14.284				
1517-22-2	Phenanthrene-d10	23622	17.04				
1719-03-5	Chrysene-d12	22775	21.231				
1520-96-3	Perylene-d12	23207	23.451				

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Report of Analysis

Client:				Date Collected:	4/10/2024 12:00:00 AM
Project:				Date Received:	4/10/2024 12:00:00 AM
Client Sample ID:	RSB-01-97-041024			SDG No.:	BN041524
Lab Sample ID:	P2073-01			Matrix:	Water
Analytical Method:	8270-Modified			% Moisture:	100
Sample Wt/Vol:	980	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
BN030958.D	1	4/12/2024 12:00:00 AM	4/16/2024 12:00:00 AM	PB160202

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	0.03	U	0.03	0.2	0.2	ug/L
111-44-4	bis(2-Chloroethyl)ether	0.03	U	0.03	0.1	0.1	ug/L
91-20-3	Naphthalene	0.02	U	0.02	0.1	0.1	ug/L
87-68-3	Hexachlorobutadiene	0.03	U	0.03	0.1	0.1	ug/L
91-57-6	2-Methylnaphthalene	0.03	U	0.03	0.1	0.1	ug/L
208-96-8	Acenaphthylene	0.02	U	0.02	0.1	0.1	ug/L
83-32-9	Acenaphthene	0.02	U	0.02	0.1	0.1	ug/L
Total PAH	Total PAH	0.45	U	0.45	0.1	1.6	ug/L
86-73-7	Fluorene	0.02	U	0.02	0.1	0.1	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	0.14	U	0.14	0.2	0.2	ug/L
101-55-3	4-Bromophenyl-phenylether	0.03	U	0.03	0.1	0.1	ug/L
118-74-1	Hexachlorobenzene	0.03	U	0.03	0.1	0.1	ug/L
1912-24-9	Atrazine	0.02	U	0.02	0.1	0.1	ug/L
87-86-5	Pentachlorophenol	0.09	U	0.09	0.2	0.2	ug/L
85-01-8	Phenanthrene	0.02	U	0.02	0.1	0.1	ug/L
120-12-7	Anthracene	0.02	U	0.02	0.1	0.1	ug/L
206-44-0	Fluoranthene	0.02	J	0.02	0.1	0.1	ug/L
129-00-0	Pyrene	0.02	J	0.02	0.1	0.1	ug/L
56-55-3	Benzo(a)anthracene	0.04	J	0.02	0.1	0.1	ug/L
218-01-9	Chrysene	0.04	J	0.03	0.1	0.1	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	0.14	U	0.14	0.2	0.2	ug/L
205-99-2	Benzo(b)fluoranthene	0.04	J	0.03	0.1	0.1	ug/L
207-08-9	Benzo(k)fluoranthene	0.04	J	0.03	0.1	0.1	ug/L
50-32-8	Benzo(a)pyrene	0.06	U	0.06	0.1	0.1	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	0.04	U	0.04	0.1	0.1	ug/L
53-70-3	Dibenzo(a,h)anthracene	0.04	U	0.04	0.1	0.1	ug/L
191-24-2	Benzo(g,h,i)perylene	0.04	U	0.04	0.1	0.1	ug/L
123-91-1	1,4-Dioxane	0.07	U	0.07	0.2	0.2	ug/L

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Report of Analysis

Client:				Date Collected:	4/10/2024 12:00:00 AM
Project:				Date Received:	4/10/2024 12:00:00 AM
Client Sample ID:	RSB-01-97-041024			SDG No.:	BN041524
Lab Sample ID:	P2073-01			Matrix:	Water
Analytical Method:	8270-Modified			% Moisture:	100
Sample Wt/Vol:	980	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
BN030958.D	1	4/12/2024 12:00:00 AM	4/16/2024 12:00:00 AM	PB160202

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
SURROGATES							
7297-45-2	2-Methylnaphthalene-d10	0.31		30-150		77	SPK: -0.4
93951-69-0	Fluoranthene-d10	0.379		30-150		95	SPK: -0.4
367-12-4	2-Fluorophenol	0.127		10-92		32	SPK: -0.4
13127-88-3	Phenol-d6	0.077		10-100		19	SPK: -0.4
4165-60-0	Nitrobenzene-d5	0.277		11-175		69	SPK: -0.4
321-60-8	2-Fluorobiphenyl	0.264		10-175		66	SPK: -0.4
118-79-6	2,4,6-Tribromophenol	0.328		24-148		82	SPK: -0.4
1718-51-0	Terphenyl-d14	0.515		54-171		129	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	4843	7.646				
1146-65-2	Naphthalene-d8	15106	10.421				
15067-26-2	Acenaphthene-d10	8913	14.284				
1517-22-2	Phenanthrene-d10	20672	17.04				
1719-03-5	Chrysene-d12	19240	21.231				
1520-96-3	Perylene-d12	19882	23.454				

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Report of Analysis

Client:		Date Collected:	4/10/2024 12:00:00 AM
Project:		Date Received:	4/10/2024 12:00:00 AM
Client Sample ID:	RSB-01A-17-041024	SDG No.:	BN041524
Lab Sample ID:	P2073-02	Matrix:	Water
Analytical Method:	8270-Modified	% 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
BN030959.D	1	4/12/2024 12:00:00 AM	4/16/2024 12:00:00 AM	PB160202

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	0.03	U	0.03	0.2	0.2	ug/L
111-44-4	bis(2-Chloroethyl)ether	0.03	U	0.03	0.1	0.1	ug/L
91-20-3	Naphthalene	0.04	J	0.02	0.1	0.1	ug/L
87-68-3	Hexachlorobutadiene	0.03	U	0.03	0.1	0.1	ug/L
91-57-6	2-Methylnaphthalene	0.03	J	0.03	0.1	0.1	ug/L
208-96-8	Acenaphthylene	0.02	U	0.02	0.1	0.1	ug/L
83-32-9	Acenaphthene	0.03	J	0.02	0.1	0.1	ug/L
Total PAH	Total PAH	0.45	U	0.45	0.1	1.6	ug/L
86-73-7	Fluorene	0.02	J	0.02	0.1	0.1	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	0.14	U	0.14	0.2	0.2	ug/L
101-55-3	4-Bromophenyl-phenylether	0.03	U	0.03	0.1	0.1	ug/L
118-74-1	Hexachlorobenzene	0.03	U	0.03	0.1	0.1	ug/L
1912-24-9	Atrazine	0.02	U	0.02	0.1	0.1	ug/L
87-86-5	Pentachlorophenol	0.09	U	0.09	0.2	0.2	ug/L
85-01-8	Phenanthrene	0.03	J	0.02	0.1	0.1	ug/L
120-12-7	Anthracene	0.02	U	0.02	0.1	0.1	ug/L
206-44-0	Fluoranthene	0.02	U	0.02	0.1	0.1	ug/L
129-00-0	Pyrene	0.02	U	0.02	0.1	0.1	ug/L
56-55-3	Benzo(a)anthracene	0.02	U	0.02	0.1	0.1	ug/L
218-01-9	Chrysene	0.03	U	0.03	0.1	0.1	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	0.24		0.14	0.2	0.2	ug/L
205-99-2	Benzo(b)fluoranthene	0.03	U	0.03	0.1	0.1	ug/L
207-08-9	Benzo(k)fluoranthene	0.03	U	0.03	0.1	0.1	ug/L
50-32-8	Benzo(a)pyrene	0.06	U	0.06	0.1	0.1	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	0.04	U	0.04	0.1	0.1	ug/L
53-70-3	Dibenzo(a,h)anthracene	0.04	U	0.04	0.1	0.1	ug/L
191-24-2	Benzo(g,h,i)perylene	0.04	U	0.04	0.1	0.1	ug/L
123-91-1	1,4-Dioxane	0.07	U	0.07	0.2	0.2	ug/L

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Report of Analysis

Client:		Date Collected:	4/10/2024 12:00:00 AM
Project:		Date Received:	4/10/2024 12:00:00 AM
Client Sample ID:	RSB-01A-17-041024	SDG No.:	BN041524
Lab Sample ID:	P2073-02	Matrix:	Water
Analytical Method:	8270-Modified	% 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
BN030959.D	1	4/12/2024 12:00:00 AM	4/16/2024 12:00:00 AM	PB160202

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
SURROGATES							
7297-45-2	2-Methylnaphthalene-d10	0.314		30-150		79	SPK: -0.4
93951-69-0	Fluoranthene-d10	0.384		30-150		96	SPK: -0.4
367-12-4	2-Fluorophenol	0.158		10-92		40	SPK: -0.4
13127-88-3	Phenol-d6	0.112		10-100		28	SPK: -0.4
4165-60-0	Nitrobenzene-d5	0.284		11-175		71	SPK: -0.4
321-60-8	2-Fluorobiphenyl	0.279		10-175		70	SPK: -0.4
118-79-6	2,4,6-Tribromophenol	0.382		24-148		95	SPK: -0.4
1718-51-0	Terphenyl-d14	0.392		54-171		98	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	5565	7.646				
1146-65-2	Naphthalene-d8	17746	10.421				
15067-26-2	Acenaphthene-d10	10721	14.284				
1517-22-2	Phenanthrene-d10	25677	17.04				
1719-03-5	Chrysene-d12	24426	21.231				
1520-96-3	Perylene-d12	24870	23.454				

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Report of Analysis

Client:		Date Collected:	4/10/2024 12:00:00 AM
Project:		Date Received:	4/10/2024 12:00:00 AM
Client Sample ID:	RSB-01B-23-041024	SDG No.:	BN041524
Lab Sample ID:	P2073-03	Matrix:	Water
Analytical Method:	8270-Modified	% 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
BN030960.D	1	4/12/2024 12:00:00 AM	4/16/2024 12:00:00 AM	PB160202

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	0.03	U	0.03	0.2	0.2	ug/L
111-44-4	bis(2-Chloroethyl)ether	0.03	U	0.03	0.1	0.1	ug/L
91-20-3	Naphthalene	0.02	U	0.02	0.1	0.1	ug/L
87-68-3	Hexachlorobutadiene	0.03	U	0.03	0.1	0.1	ug/L
91-57-6	2-Methylnaphthalene	0.03	U	0.03	0.1	0.1	ug/L
208-96-8	Acenaphthylene	0.02	U	0.02	0.1	0.1	ug/L
83-32-9	Acenaphthene	0.02	U	0.02	0.1	0.1	ug/L
Total PAH	Total PAH	0.45	U	0.45	0.1	1.6	ug/L
86-73-7	Fluorene	0.02	U	0.02	0.1	0.1	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	0.14	U	0.14	0.2	0.2	ug/L
101-55-3	4-Bromophenyl-phenylether	0.03	U	0.03	0.1	0.1	ug/L
118-74-1	Hexachlorobenzene	0.03	U	0.03	0.1	0.1	ug/L
1912-24-9	Atrazine	0.02	U	0.02	0.1	0.1	ug/L
87-86-5	Pentachlorophenol	0.09	U	0.09	0.2	0.2	ug/L
85-01-8	Phenanthrene	0.02	U	0.02	0.1	0.1	ug/L
120-12-7	Anthracene	0.02	U	0.02	0.1	0.1	ug/L
206-44-0	Fluoranthene	0.02	U	0.02	0.1	0.1	ug/L
129-00-0	Pyrene	0.02	U	0.02	0.1	0.1	ug/L
56-55-3	Benzo(a)anthracene	0.02	U	0.02	0.1	0.1	ug/L
218-01-9	Chrysene	0.03	U	0.03	0.1	0.1	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	0.3		0.14	0.2	0.2	ug/L
205-99-2	Benzo(b)fluoranthene	0.03	U	0.03	0.1	0.1	ug/L
207-08-9	Benzo(k)fluoranthene	0.03	U	0.03	0.1	0.1	ug/L
50-32-8	Benzo(a)pyrene	0.06	U	0.06	0.1	0.1	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	0.04	U	0.04	0.1	0.1	ug/L
53-70-3	Dibenzo(a,h)anthracene	0.04	U	0.04	0.1	0.1	ug/L
191-24-2	Benzo(g,h,i)perylene	0.04	U	0.04	0.1	0.1	ug/L
123-91-1	1,4-Dioxane	0.07	U	0.07	0.2	0.2	ug/L

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Report of Analysis

Client:				Date Collected:	4/10/2024 12:00:00 AM
Project:				Date Received:	4/10/2024 12:00:00 AM
Client Sample ID:	RSB-01B-23-041024			SDG No.:	BN041524
Lab Sample ID:	P2073-03			Matrix:	Water
Analytical Method:	8270-Modified			% 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
BN030960.D	1	4/12/2024 12:00:00 AM	4/16/2024 12:00:00 AM	PB160202

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
SURROGATES							
7297-45-2	2-Methylnaphthalene-d10	0.298		30-150		75	SPK: -0.4
93951-69-0	Fluoranthene-d10	0.379		30-150		95	SPK: -0.4
367-12-4	2-Fluorophenol	0.151		10-92		38	SPK: -0.4
13127-88-3	Phenol-d6	0.095		10-100		24	SPK: -0.4
4165-60-0	Nitrobenzene-d5	0.273		11-175		68	SPK: -0.4
321-60-8	2-Fluorobiphenyl	0.274		10-175		68	SPK: -0.4
118-79-6	2,4,6-Tribromophenol	0.337		24-148		84	SPK: -0.4
1718-51-0	Terphenyl-d14	0.449		54-171		112	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	5853	7.646				
1146-65-2	Naphthalene-d8	18085	10.421				
15067-26-2	Acenaphthene-d10	10614	14.284				
1517-22-2	Phenanthrene-d10	25488	17.04				
1719-03-5	Chrysene-d12	24284	21.24				
1520-96-3	Perylene-d12	25519	23.454				

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Report of Analysis

Client:				Date Collected:	4/10/2024 12:00:00 AM
Project:				Date Received:	4/10/2024 12:00:00 AM
Client Sample ID:	RSB-01B-23-041024MS			SDG No.:	BN041524
Lab Sample ID:	P2073-04MS			Matrix:	Water
Analytical Method:	8270-Modified			% Moisture:	100
Sample Wt/Vol:	990	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
BN030961.D	1	4/12/2024 12:00:00 AM	4/16/2024 12:00:00 AM	PB160202

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	0.14	J	0.03	0.2	0.2	ug/L
111-44-4	bis(2-Chloroethyl)ether	0.31		0.03	0.1	0.1	ug/L
91-20-3	Naphthalene	0.31		0.02	0.1	0.1	ug/L
87-68-3	Hexachlorobutadiene	0.27		0.03	0.1	0.1	ug/L
91-57-6	2-Methylnaphthalene	0.31		0.03	0.1	0.1	ug/L
208-96-8	Acenaphthylene	0.33		0.02	0.1	0.1	ug/L
83-32-9	Acenaphthene	0.32		0.02	0.1	0.1	ug/L
Total PAH	Total PAH	6.09		0.45	0.1	1.6	ug/L
86-73-7	Fluorene	0.33		0.02	0.1	0.1	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	0.37		0.14	0.2	0.2	ug/L
101-55-3	4-Bromophenyl-phenylether	0.34		0.03	0.1	0.1	ug/L
118-74-1	Hexachlorobenzene	0.34		0.03	0.1	0.1	ug/L
1912-24-9	Atrazine	0.43		0.02	0.1	0.1	ug/L
87-86-5	Pentachlorophenol	0.86		0.09	0.2	0.2	ug/L
85-01-8	Phenanthrene	0.39		0.02	0.1	0.1	ug/L
120-12-7	Anthracene	0.38		0.02	0.1	0.1	ug/L
206-44-0	Fluoranthene	0.43		0.02	0.1	0.1	ug/L
129-00-0	Pyrene	0.41		0.02	0.1	0.1	ug/L
56-55-3	Benzo(a)anthracene	0.47		0.02	0.1	0.1	ug/L
218-01-9	Chrysene	0.44		0.03	0.1	0.1	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	0.74		0.14	0.2	0.2	ug/L
205-99-2	Benzo(b)fluoranthene	0.39		0.03	0.1	0.1	ug/L
207-08-9	Benzo(k)fluoranthene	0.4		0.03	0.1	0.1	ug/L
50-32-8	Benzo(a)pyrene	0.4		0.06	0.1	0.1	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	0.37		0.04	0.1	0.1	ug/L
53-70-3	Dibenzo(a,h)anthracene	0.37		0.04	0.1	0.1	ug/L
191-24-2	Benzo(g,h,i)perylene	0.35		0.04	0.1	0.1	ug/L
123-91-1	1,4-Dioxane	0.21		0.07	0.2	0.2	ug/L

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284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
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Report of Analysis

Client:				Date Collected:	4/10/2024 12:00:00 AM
Project:				Date Received:	4/10/2024 12:00:00 AM
Client Sample ID:	RSB-01B-23-041024MS			SDG No.:	BN041524
Lab Sample ID:	P2073-04MS			Matrix:	Water
Analytical Method:	8270-Modified			% Moisture:	100
Sample Wt/Vol:	990	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
BN030961.D	1	4/12/2024 12:00:00 AM	4/16/2024 12:00:00 AM	PB160202

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
SURROGATES							
7297-45-2	2-Methylnaphthalene-d10	0.41		30-150		102	SPK: -0.4
93951-69-0	Fluoranthene-d10	0.433		30-150		108	SPK: -0.4
367-12-4	2-Fluorophenol	0.164		10-92		41	SPK: -0.4
13127-88-3	Phenol-d6	0.104		10-100		26	SPK: -0.4
4165-60-0	Nitrobenzene-d5	0.288		11-175		72	SPK: -0.4
321-60-8	2-Fluorobiphenyl	0.282		10-175		70	SPK: -0.4
118-79-6	2,4,6-Tribromophenol	0.37		24-148		93	SPK: -0.4
1718-51-0	Terphenyl-d14	0.429		54-171		107	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	5724	7.646				
1146-65-2	Naphthalene-d8	17417	10.421				
15067-26-2	Acenaphthene-d10	9758	14.284				
1517-22-2	Phenanthrene-d10	23008	17.04				
1719-03-5	Chrysene-d12	23107	21.231				
1520-96-3	Perylene-d12	24694	23.451				

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Report of Analysis

Client:		Date Collected:	4/10/2024 12:00:00 AM
Project:		Date Received:	4/10/2024 12:00:00 AM
Client Sample ID:	RSB-01B-23-041024MSD	SDG No.:	BN041524
Lab Sample ID:	P2073-05MSD	Matrix:	Water
Analytical Method:	8270-Modified	% 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
BN030962.D	1	4/12/2024 12:00:00 AM	4/16/2024 12:00:00 AM	PB160202

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	0.15	J	0.03	0.2	0.2	ug/L
111-44-4	bis(2-Chloroethyl)ether	0.35		0.03	0.1	0.1	ug/L
91-20-3	Naphthalene	0.34		0.02	0.1	0.1	ug/L
87-68-3	Hexachlorobutadiene	0.31		0.03	0.1	0.1	ug/L
91-57-6	2-Methylnaphthalene	0.35		0.03	0.1	0.1	ug/L
208-96-8	Acenaphthylene	0.36		0.02	0.1	0.1	ug/L
83-32-9	Acenaphthene	0.35		0.02	0.1	0.1	ug/L
Total PAH	Total PAH	6.04		0.45	0.1	1.6	ug/L
86-73-7	Fluorene	0.36		0.02	0.1	0.1	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	0.38		0.14	0.2	0.2	ug/L
101-55-3	4-Bromophenyl-phenylether	0.37		0.03	0.1	0.1	ug/L
118-74-1	Hexachlorobenzene	0.36		0.03	0.1	0.1	ug/L
1912-24-9	Atrazine	0.4		0.02	0.1	0.1	ug/L
87-86-5	Pentachlorophenol	0.83		0.09	0.2	0.2	ug/L
85-01-8	Phenanthrene	0.4		0.02	0.1	0.1	ug/L
120-12-7	Anthracene	0.39		0.02	0.1	0.1	ug/L
206-44-0	Fluoranthene	0.4		0.02	0.1	0.1	ug/L
129-00-0	Pyrene	0.4		0.02	0.1	0.1	ug/L
56-55-3	Benzo(a)anthracene	0.45		0.02	0.1	0.1	ug/L
218-01-9	Chrysene	0.41		0.03	0.1	0.1	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	0.65		0.14	0.2	0.2	ug/L
205-99-2	Benzo(b)fluoranthene	0.37		0.03	0.1	0.1	ug/L
207-08-9	Benzo(k)fluoranthene	0.38		0.03	0.1	0.1	ug/L
50-32-8	Benzo(a)pyrene	0.39		0.06	0.1	0.1	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	0.36		0.04	0.1	0.1	ug/L
53-70-3	Dibenzo(a,h)anthracene	0.35		0.04	0.1	0.1	ug/L
191-24-2	Benzo(g,h,i)perylene	0.33		0.04	0.1	0.1	ug/L
123-91-1	1,4-Dioxane	0.28		0.07	0.2	0.2	ug/L

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Report of Analysis

Client:		Date Collected:	4/10/2024 12:00:00 AM
Project:		Date Received:	4/10/2024 12:00:00 AM
Client Sample ID:	RSB-01B-23-041024MSD	SDG No.:	BN041524
Lab Sample ID:	P2073-05MSD	Matrix:	Water
Analytical Method:	8270-Modified	% 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
BN030962.D	1	4/12/2024 12:00:00 AM	4/16/2024 12:00:00 AM	PB160202

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
SURROGATES							
7297-45-2	2-Methylnaphthalene-d10	0.4		30-150		100	SPK: -0.4
93951-69-0	Fluoranthene-d10	0.407		30-150		102	SPK: -0.4
367-12-4	2-Fluorophenol	0.188		10-92		47	SPK: -0.4
13127-88-3	Phenol-d6	0.123		10-100		31	SPK: -0.4
4165-60-0	Nitrobenzene-d5	0.331		11-175		83	SPK: -0.4
321-60-8	2-Fluorobiphenyl	0.308		10-175		77	SPK: -0.4
118-79-6	2,4,6-Tribromophenol	0.39		24-148		97	SPK: -0.4
1718-51-0	Terphenyl-d14	0.41		54-171		102	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	5905	7.646				
1146-65-2	Naphthalene-d8	18167	10.421				
15067-26-2	Acenaphthene-d10	10602	14.284				
1517-22-2	Phenanthrene-d10	25024	17.04				
1719-03-5	Chrysene-d12	23886	21.24				
1520-96-3	Perylene-d12	25541	23.454				

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Report of Analysis

Client:				Date Collected:	4/12/2024 12:00:00 AM
Project:				Date Received:	4/12/2024 12:00:00 AM
Client Sample ID:	PB160202BL			SDG No.:	BN041524
Lab Sample ID:	PB160202BL			Matrix:	Water
Analytical Method:	8270-Modified			% 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
BN030965.D	1	4/12/2024 12:00:00 AM	4/16/2024 12:00:00 AM	PB160202

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	0.03	U	0.03	0.2	0.2	ug/L
111-44-4	bis(2-Chloroethyl)ether	0.03	U	0.03	0.1	0.1	ug/L
91-20-3	Naphthalene	0.02	U	0.02	0.1	0.1	ug/L
87-68-3	Hexachlorobutadiene	0.03	U	0.03	0.1	0.1	ug/L
91-57-6	2-Methylnaphthalene	0.03	U	0.03	0.1	0.1	ug/L
208-96-8	Acenaphthylene	0.02	U	0.02	0.1	0.1	ug/L
83-32-9	Acenaphthene	0.02	U	0.02	0.1	0.1	ug/L
Total PAH	Total PAH	0.45	U	0.45	0.1	1.6	ug/L
86-73-7	Fluorene	0.02	U	0.02	0.1	0.1	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	0.14	U	0.14	0.2	0.2	ug/L
101-55-3	4-Bromophenyl-phenylether	0.03	U	0.03	0.1	0.1	ug/L
118-74-1	Hexachlorobenzene	0.03	U	0.03	0.1	0.1	ug/L
1912-24-9	Atrazine	0.02	U	0.02	0.1	0.1	ug/L
87-86-5	Pentachlorophenol	0.09	U	0.09	0.2	0.2	ug/L
85-01-8	Phenanthrene	0.02	U	0.02	0.1	0.1	ug/L
120-12-7	Anthracene	0.02	U	0.02	0.1	0.1	ug/L
206-44-0	Fluoranthene	0.02	U	0.02	0.1	0.1	ug/L
129-00-0	Pyrene	0.02	U	0.02	0.1	0.1	ug/L
56-55-3	Benzo(a)anthracene	0.02	U	0.02	0.1	0.1	ug/L
218-01-9	Chrysene	0.03	U	0.03	0.1	0.1	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	0.14	U	0.14	0.2	0.2	ug/L
205-99-2	Benzo(b)fluoranthene	0.03	U	0.03	0.1	0.1	ug/L
207-08-9	Benzo(k)fluoranthene	0.03	U	0.03	0.1	0.1	ug/L
50-32-8	Benzo(a)pyrene	0.06	U	0.06	0.1	0.1	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	0.04	U	0.04	0.1	0.1	ug/L
53-70-3	Dibenzo(a,h)anthracene	0.04	U	0.04	0.1	0.1	ug/L
191-24-2	Benzo(g,h,i)perylene	0.04	U	0.04	0.1	0.1	ug/L
123-91-1	1,4-Dioxane	0.07	U	0.07	0.2	0.2	ug/L

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Report of Analysis

Client:				Date Collected:	4/12/2024 12:00:00 AM
Project:				Date Received:	4/12/2024 12:00:00 AM
Client Sample ID:	PB160202BL			SDG No.:	BN041524
Lab Sample ID:	PB160202BL			Matrix:	Water
Analytical Method:	8270-Modified			% 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
BN030965.D	1	4/12/2024 12:00:00 AM	4/16/2024 12:00:00 AM	PB160202

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
SURROGATES							
7297-45-2	2-Methylnaphthalene-d10	0.338		30-150		84	SPK: -0.4
93951-69-0	Fluoranthene-d10	0.341		30-150		85	SPK: -0.4
367-12-4	2-Fluorophenol	0.395	*	10-92		99	SPK: -0.4
13127-88-3	Phenol-d6	0.366		10-100		91	SPK: -0.4
4165-60-0	Nitrobenzene-d5	0.31		11-175		77	SPK: -0.4
321-60-8	2-Fluorobiphenyl	0.321		10-175		80	SPK: -0.4
118-79-6	2,4,6-Tribromophenol	0.307		24-148		77	SPK: -0.4
1718-51-0	Terphenyl-d14	0.373		54-171		93	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	4691	7.646				
1146-65-2	Naphthalene-d8	14013	10.421				
15067-26-2	Acenaphthene-d10	7672	14.284				
1517-22-2	Phenanthrene-d10	18539	17.04				
1719-03-5	Chrysene-d12	14385	21.231				
1520-96-3	Perylene-d12	9587	23.451				

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Report of Analysis

Client:				Date Collected:	3/29/2024 12:00:00 AM
Project:				Date Received:	3/29/2024 12:00:00 AM
Client Sample ID:	PB159883BS			SDG No.:	BN041524
Lab Sample ID:	PB159883BS			Matrix:	Water
Analytical Method:	8270-Modified			% 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
BN030966.D	1	3/29/2024 12:00:00 AM	4/16/2024 12:00:00 AM	PB159883

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	0.35		0.03	0.2	0.2	ug/L
111-44-4	bis(2-Chloroethyl)ether	0.34		0.03	0.1	0.1	ug/L
91-20-3	Naphthalene	0.38		0.02	0.1	0.1	ug/L
87-68-3	Hexachlorobutadiene	0.39		0.03	0.1	0.1	ug/L
91-57-6	2-Methylnaphthalene	0.37		0.03	0.1	0.1	ug/L
208-96-8	Acenaphthylene	0.36		0.02	0.1	0.1	ug/L
83-32-9	Acenaphthene	0.38		0.02	0.1	0.1	ug/L
Total PAH	Total PAH	6		0.45	0.1	1.6	ug/L
86-73-7	Fluorene	0.38		0.02	0.1	0.1	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	0.36		0.14	0.2	0.2	ug/L
101-55-3	4-Bromophenyl-phenylether	0.36		0.03	0.1	0.1	ug/L
118-74-1	Hexachlorobenzene	0.39		0.03	0.1	0.1	ug/L
1912-24-9	Atrazine	0.34		0.02	0.1	0.1	ug/L
87-86-5	Pentachlorophenol	0.38		0.09	0.2	0.2	ug/L
85-01-8	Phenanthrene	0.38		0.02	0.1	0.1	ug/L
120-12-7	Anthracene	0.35		0.02	0.1	0.1	ug/L
206-44-0	Fluoranthene	0.37		0.02	0.1	0.1	ug/L
129-00-0	Pyrene	0.39		0.02	0.1	0.1	ug/L
56-55-3	Benzo(a)anthracene	0.38		0.02	0.1	0.1	ug/L
218-01-9	Chrysene	0.39		0.03	0.1	0.1	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	0.34		0.14	0.2	0.2	ug/L
205-99-2	Benzo(b)fluoranthene	0.38		0.03	0.1	0.1	ug/L
207-08-9	Benzo(k)fluoranthene	0.37		0.03	0.1	0.1	ug/L
50-32-8	Benzo(a)pyrene	0.36		0.06	0.1	0.1	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	0.37		0.04	0.1	0.1	ug/L
53-70-3	Dibenzo(a,h)anthracene	0.37		0.04	0.1	0.1	ug/L
191-24-2	Benzo(g,h,i)perylene	0.39		0.04	0.1	0.1	ug/L
123-91-1	1,4-Dioxane	0.36		0.07	0.2	0.2	ug/L

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Report of Analysis

Client:				Date Collected:	3/29/2024 12:00:00 AM
Project:				Date Received:	3/29/2024 12:00:00 AM
Client Sample ID:	PB159883BS			SDG No.:	BN041524
Lab Sample ID:	PB159883BS			Matrix:	Water
Analytical Method:	8270-Modified			% 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
BN030966.D	1	3/29/2024 12:00:00 AM	4/16/2024 12:00:00 AM	PB159883

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
SURROGATES							
7297-45-2	2-Methylnaphthalene-d10	0.374		30-150		94	SPK: -0.4
93951-69-0	Fluoranthene-d10	0.369		30-150		92	SPK: -0.4
367-12-4	2-Fluorophenol	0.37	*	10-92		93	SPK: -0.4
13127-88-3	Phenol-d6	0.362		10-100		90	SPK: -0.4
4165-60-0	Nitrobenzene-d5	0.364		11-175		91	SPK: -0.4
321-60-8	2-Fluorobiphenyl	0.363		10-175		91	SPK: -0.4
118-79-6	2,4,6-Tribromophenol	0.328		24-148		82	SPK: -0.4
1718-51-0	Terphenyl-d14	0.375		54-171		94	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	3753	7.646				
1146-65-2	Naphthalene-d8	11175	10.421				
15067-26-2	Acenaphthene-d10	6218	14.284				
1517-22-2	Phenanthrene-d10	14413	17.04				
1719-03-5	Chrysene-d12	12458	21.231				
1520-96-3	Perylene-d12	12251	23.451				

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

Report of Analysis

Client:		Date Collected:	4/4/2024 12:00:00 AM
Project:		Date Received:	4/4/2024 12:00:00 AM
Client Sample ID:	RMW-06B-44-040424RE	SDG No.:	BN041524
Lab Sample ID:	P2002-03RE	Matrix:	Water
Analytical Method:	8270-Modified	% Moisture:	100
Sample Wt/Vol:	500 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
BN030967.D	1	4/5/2024 12:00:00 AM	4/16/2024 12:00:00 AM	PB160031

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	0.06	U	0.06	0.4	0.4	ug/L
111-44-4	bis(2-Chloroethyl)ether	0.06	U	0.06	0.2	0.2	ug/L
91-20-3	Naphthalene	0.05	U	0.05	0.2	0.2	ug/L
87-68-3	Hexachlorobutadiene	0.05	U	0.05	0.2	0.2	ug/L
91-57-6	2-Methylnaphthalene	0.06	U	0.06	0.2	0.2	ug/L
208-96-8	Acenaphthylene	0.04	U	0.04	0.2	0.2	ug/L
83-32-9	Acenaphthene	0.04	U	0.04	0.2	0.2	ug/L
Total PAH	Total PAH	0.91	U	0.91	0.2	3.2	ug/L
86-73-7	Fluorene	0.04	U	0.04	0.2	0.2	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	0.28	U	0.28	0.4	0.4	ug/L
101-55-3	4-Bromophenyl-phenylether	0.05	U	0.05	0.2	0.2	ug/L
118-74-1	Hexachlorobenzene	0.06	U	0.06	0.2	0.2	ug/L
1912-24-9	Atrazine	0.05	U	0.05	0.2	0.2	ug/L
87-86-5	Pentachlorophenol	0.18	U	0.18	0.4	0.4	ug/L
85-01-8	Phenanthrene	0.04	U	0.04	0.2	0.2	ug/L
120-12-7	Anthracene	0.05	U	0.05	0.2	0.2	ug/L
206-44-0	Fluoranthene	0.05	U	0.05	0.2	0.2	ug/L
129-00-0	Pyrene	0.04	U	0.04	0.2	0.2	ug/L
56-55-3	Benzo(a)anthracene	0.04	U	0.04	0.2	0.2	ug/L
218-01-9	Chrysene	0.05	U	0.05	0.2	0.2	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	82.2	E	0.28	0.4	0.4	ug/L
205-99-2	Benzo(b)fluoranthene	0.06	U	0.06	0.2	0.2	ug/L
207-08-9	Benzo(k)fluoranthene	0.07	U	0.07	0.2	0.2	ug/L
50-32-8	Benzo(a)pyrene	0.11	U	0.11	0.2	0.2	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	0.08	U	0.08	0.2	0.2	ug/L
53-70-3	Dibenzo(a,h)anthracene	0.08	U	0.08	0.2	0.2	ug/L
191-24-2	Benzo(g,h,i)perylene	0.07	U	0.07	0.2	0.2	ug/L
123-91-1	1,4-Dioxane	1.2		0.14	0.4	0.4	ug/L

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Client:				Date Collected:	4/4/2024 12:00:00 AM
Project:				Date Received:	4/4/2024 12:00:00 AM
Client Sample ID:	RMW-06B-44-040424RE			SDG No.:	BN041524
Lab Sample ID:	P2002-03RE			Matrix:	Water
Analytical Method:	8270-Modified			% Moisture:	100
Sample Wt/Vol:	500	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
BN030967.D	1	4/5/2024 12:00:00 AM	4/16/2024 12:00:00 AM	PB160031

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
SURROGATES							
7297-45-2	2-Methylnaphthalene-d10	0.186		30-150		47	SPK: -0.4
93951-69-0	Fluoranthene-d10	0.083	*	30-150		21	SPK: -0.4
367-12-4	2-Fluorophenol	0.144		10-92		36	SPK: -0.4
13127-88-3	Phenol-d6	0.217		10-100		54	SPK: -0.4
4165-60-0	Nitrobenzene-d5	0.221		11-175		55	SPK: -0.4
321-60-8	2-Fluorobiphenyl	0.969	*	10-175		242	SPK: -0.4
118-79-6	2,4,6-Tribromophenol	1.118	*	24-148		280	SPK: -0.4
1718-51-0	Terphenyl-d14	84.274	*	54-171		21068	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	4491	7.646				
1146-65-2	Naphthalene-d8	13860	10.421				
15067-26-2	Acenaphthene-d10	1713	14.284				
1517-22-2	Phenanthrene-d10	10504	17.04				
1719-03-5	Chrysene-d12	25	21.24				
1520-96-3	Perylene-d12	2	23.463				

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Hit Summary Sheet
SW-846

SDG No.: BN041524

Client:

Sample ID	Client ID		Parameter	Concentration	C	MDL	RDL	Units
Client ID : PT-ACIDS-WP								
P1908-08	PT-ACIDS-WP	Water	4,6-Dinitro-2-methylphenol	60.700	E	0.14	0.2	ug/L
P1908-08	PT-ACIDS-WP	Water	Pentachlorophenol	56.100	E	0.09	0.2	ug/L
			Total Svoc :	**116.80**				
			Total Concentration:	**116.80**				
Client ID : PT-ACIDS-WPDL								
P1908-08DL	PT-ACIDS-WPDL	Water	4,6-Dinitro-2-methylphenol	110.000	D	7	10	ug/L
P1908-08DL	PT-ACIDS-WPDL	Water	Pentachlorophenol	110.000	D	4.5	10	ug/L
			Total Svoc :	**220.00**				
			Total Concentration:	**220.00**				
Client ID : RMW-06B-44-040424RE								
P2002-03RE	RMW-06B-44-040424RE	Water	1,4-Dioxane	1.200		0.14	0.4	ug/L
P2002-03RE	RMW-06B-44-040424RE	Water	Bis(2-ethylhexyl)phthalate	82.200	E	0.28	0.4	ug/L
			Total Svoc :	**83.40**				
			Total Concentration:	**83.40**				
Client ID : RSB-01-37-040824								
P2031-01	RSB-01-37-040824	Water	Benzo(a)anthracene	0.040	J	0.02	0.1	ug/L
P2031-01	RSB-01-37-040824	Water	Benzo(b)fluoranthene	0.040	J	0.03	0.1	ug/L
P2031-01	RSB-01-37-040824	Water	Benzo(k)fluoranthene	0.040	J	0.03	0.1	ug/L
P2031-01	RSB-01-37-040824	Water	Chrysene	0.040	J	0.03	0.1	ug/L
			Total Svoc :	**0.16**				
			Total Concentration:	**0.16**				
Client ID : RSB-01-37-040824-FD								
P2031-02	RSB-01-37-040824-FD	Water	Benzo(a)anthracene	0.040	J	0.02	0.1	ug/L
P2031-02	RSB-01-37-040824-FD	Water	Benzo(b)fluoranthene	0.040	J	0.03	0.1	ug/L
P2031-02	RSB-01-37-040824-FD	Water	Benzo(k)fluoranthene	0.040	J	0.03	0.1	ug/L
P2031-02	RSB-01-37-040824-FD	Water	Chrysene	0.040	J	0.03	0.1	ug/L
			Total Svoc :	**0.16**				
			Total Concentration:	**0.16**				
Client ID : RSB-01-75-040924								
P2041-01	RSB-01-75-040924	Water	2-Methylnaphthalene	0.090	J	0.03	0.1	ug/L
P2041-01	RSB-01-75-040924	Water	Naphthalene	0.050	J	0.02	0.1	ug/L
			Total Svoc :	**0.14**				
			Total Concentration:	**0.14**				
Client ID : RSB-01-95-040924								
P2041-02	RSB-01-95-040924	Water	Bis(2-ethylhexyl)phthalate	0.660		0.14	0.2	ug/L

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Hit Summary Sheet
SW-846

SDG No.: BN041524

Client:

Sample ID	Client ID		Parameter	Concentration	C	MDL	RDL	Units
P2041-02	RSB-01-95-040924	Water	Naphthalene	0.020	J	0.02	0.1	ug/L
			Total Svoc :	**0.68**				
			Total Concentration:	**0.68**				
Client ID :	**RSB-01-97-041024**							
P2073-01	RSB-01-97-041024	Water	Benzo(a)anthracene	0.040	J	0.02	0.1	ug/L
P2073-01	RSB-01-97-041024	Water	Benzo(b)fluoranthene	0.040	J	0.03	0.1	ug/L
P2073-01	RSB-01-97-041024	Water	Benzo(k)fluoranthene	0.040	J	0.03	0.1	ug/L
P2073-01	RSB-01-97-041024	Water	Chrysene	0.040	J	0.03	0.1	ug/L
P2073-01	RSB-01-97-041024	Water	Fluoranthene	0.020	J	0.02	0.1	ug/L
P2073-01	RSB-01-97-041024	Water	Pyrene	0.020	J	0.02	0.1	ug/L
			Total Svoc :	**0.20**				
			Total Concentration:	**0.20**				
Client ID :	**RSB-01A-17-041024**							
P2073-02	RSB-01A-17-041024	Water	2-Methylnaphthalene	0.030	J	0.03	0.1	ug/L
P2073-02	RSB-01A-17-041024	Water	Acenaphthene	0.030	J	0.02	0.1	ug/L
P2073-02	RSB-01A-17-041024	Water	Bis(2-ethylhexyl)phthalate	0.240		0.14	0.2	ug/L
P2073-02	RSB-01A-17-041024	Water	Fluorene	0.020	J	0.02	0.1	ug/L
P2073-02	RSB-01A-17-041024	Water	Naphthalene	0.040	J	0.02	0.1	ug/L
P2073-02	RSB-01A-17-041024	Water	Phenanthrene	0.030	J	0.02	0.1	ug/L
			Total Svoc :	**0.39**				
			Total Concentration:	**0.39**				
Client ID :	**RSB-01B-23-041024**							
P2073-03	RSB-01B-23-041024	Water	Bis(2-ethylhexyl)phthalate	0.300		0.14	0.2	ug/L
			Total Svoc :	**0.30**				
			Total Concentration:	**0.30**				
Client ID :	**ICVBN041524**							
SSTDICV0.4	ICVBN041524	Water	1,4-Dioxane	390.000		68	200	ug/L
SSTDICV0.4	ICVBN041524	Water	2-Methylnaphthalene	380.000		30	100	ug/L
SSTDICV0.4	ICVBN041524	Water	4,6-Dinitro-2-methylphenol	380.000		140	200	ug/L
SSTDICV0.4	ICVBN041524	Water	4-Bromophenyl-phenylether	370.000		26	100	ug/L
SSTDICV0.4	ICVBN041524	Water	Acenaphthene	380.000		20	100	ug/L
SSTDICV0.4	ICVBN041524	Water	Acenaphthylene	360.000		21	100	ug/L
SSTDICV0.4	ICVBN041524	Water	Anthracene	350.000		24	100	ug/L
SSTDICV0.4	ICVBN041524	Water	Atrazine	340.000		23	100	ug/L
SSTDICV0.4	ICVBN041524	Water	Benzo(a)anthracene	360.000		22	100	ug/L
SSTDICV0.4	ICVBN041524	Water	Benzo(a)pyrene	350.000		56	100	ug/L
SSTDICV0.4	ICVBN041524	Water	Benzo(b)fluoranthene	380.000		32	100	ug/L
SSTDICV0.4	ICVBN041524	Water	Benzo(g,h,i)perylene	380.000		37	100	ug/L
SSTDICV0.4	ICVBN041524	Water	Benzo(k)fluoranthene	380.000		34	100	ug/L

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Hit Summary Sheet
SW-846

SDG No.: BN041524

Client:

Sample ID	Client ID		Parameter	Concentration	C	MDL	RDL	Units
SSTDICV0.4	ICVBN041524	Water	bis(2-Chloroethyl)ether	370.000		28	100	ug/L
SSTDICV0.4	ICVBN041524	Water	Bis(2-ethylhexyl)phthalate	330.000		140	200	ug/L
SSTDICV0.4	ICVBN041524	Water	Chrysene	390.000		26	100	ug/L
SSTDICV0.4	ICVBN041524	Water	Dibenzo(a,h)anthracene	370.000		39	100	ug/L
SSTDICV0.4	ICVBN041524	Water	Fluoranthene	360.000		23	100	ug/L
SSTDICV0.4	ICVBN041524	Water	Fluorene	380.000		18	100	ug/L
SSTDICV0.4	ICVBN041524	Water	Hexachlorobenzene	380.000		29	100	ug/L
SSTDICV0.4	ICVBN041524	Water	Hexachlorobutadiene	400.000		26	100	ug/L
SSTDICV0.4	ICVBN041524	Water	Indeno(1,2,3-cd)pyrene	360.000		38	100	ug/L
SSTDICV0.4	ICVBN041524	Water	n-Nitrosodimethylamine	380.000		30	200	ug/L
SSTDICV0.4	ICVBN041524	Water	Naphthalene	390.000		24	100	ug/L
SSTDICV0.4	ICVBN041524	Water	Pentachlorophenol	390.000		90	200	ug/L
SSTDICV0.4	ICVBN041524	Water	Phenanthrene	370.000		20	100	ug/L
SSTDICV0.4	ICVBN041524	Water	Pyrene	380.000		22	100	ug/L
SSTDICV0.4	ICVBN041524	Water	Total PAH	5,940.000		456	1600	ug/L
			Total Svoc :	**15,990.00**				
			Total Concentration:	**15,990.00**				

CHEMTECH

6C

SEMIVOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name: CHEMTECH Contract:

Lab Code: CHEM Case No.: BN041524 SAS No.: BN041524 SDG No.: BN041524

Instrument ID: Calibration Date(s): 4/15/2024

Calibration Time(s): 12:43

LAB FILE ID: RRF0.1 = BN030935.D RRF0.2 = BN030936.D RRF0.4 = BN030937.D
RRF0.8 = BN030938.D RRF1.6 = BN030939.D RRF3.2 = BN030940.D

COMPOUND	RRF0.1	RRF0.2	RRF0.4	RRF0.8	RRF1.6	RRF3.2	RRF	% RSD
2-Methylnaphthalene-d10	0.583	0.610	0.583	0.602	0.654	0.642	0.616	4.7
Fluoranthene-d10	0.981	1.020	0.999	1.040	1.161	1.168	1.077	8.0
n-Nitrosodimethylamine	0.452	0.432	0.432	0.451	0.498	0.486	0.461	5.6
2-Fluorophenol	0.863	0.909	0.850	0.854	0.935	0.918	0.891	3.9
Phenol-d6	0.976	1.026	0.987	1.035	1.165	1.180	1.079	8.7
bis(2-Chloroethyl)ether	0.992	1.048	0.998	1.047	1.154	1.124	1.067	5.9
Nitrobenzene-d5	0.253	0.262	0.256	0.271	0.298	0.299	0.277	7.5
Naphthalene	1.079	1.119	1.064	1.078	1.157	1.123	1.103	2.9
Hexachlorobutadiene	0.220	0.231	0.215	0.217	0.232	0.221	0.221	3.5
2-Methylnaphthalene	0.694	0.725	0.697	0.715	0.783	0.766	0.733	4.7
2-Fluorobiphenyl	1.491	1.411	1.308	1.280	1.361	1.296	1.345	6.1
Acenaphthylene	1.588	1.657	1.606	1.669	1.913	1.947	1.763	9.6
Acenaphthene	1.191	1.251	1.192	1.198	1.314	1.290	1.244	4.1
Fluorene	1.556	1.611	1.556	1.601	1.773	1.726	1.647	5.3
4,6-Dinitro-2-methylphenol		0.042	0.044	0.050	0.061	0.069	0.057	24.0
2,4,6-Tribromophenol	0.143	0.138	0.139	0.143	0.164	0.175	0.155	12.6
4-Bromophenyl-phenylether	0.228	0.230	0.223	0.229	0.253	0.252	0.238	5.5
Hexachlorobenzene	0.275	0.276	0.267	0.270	0.290	0.285	0.278	3.0
Atrazine	0.153	0.155	0.151	0.161	0.188	0.198	0.172	12.8
Pentachlorophenol		0.069	0.074	0.084	0.106	0.120	0.097	25.5
Phenanthrene	1.149	1.143	1.121	1.134	1.250	1.238	1.181	4.7
Anthracene	0.871	0.891	0.878	0.931	1.062	1.097	0.977	11.0
Fluoranthene	1.309	1.326	1.298	1.360	1.546	1.547	1.416	8.3
Pyrene	1.547	1.549	1.508	1.512	1.616	1.582	1.553	2.4
Terphenyl-d14	0.959	0.926	0.882	0.922	0.972	0.936	0.929	3.3
Benzo(a)anthracene	1.372	1.300	1.272	1.325	1.489	1.497	1.393	7.1
Chrysene	1.508	1.503	1.467	1.486	1.602	1.534	1.515	2.9
Bis(2-ethylhexyl)phthalate	0.692	0.603	0.565	0.553	0.639	0.685	0.638	10.7
Benzo(b)fluoranthene	1.553	1.580	1.521	1.636	1.781	1.738	1.650	6.3
Benzo(k)fluoranthene	1.489	1.521	1.494	1.615	1.757	1.712	1.616	7.2
Benzo(a)pyrene	1.325	1.315	1.219	1.331	1.466	1.475	1.374	7.4
Indeno(1,2,3-cd)pyrene	1.726	1.733	1.695	1.811	2.023	2.020	1.861	8.2
Dibenzo(a,h)anthracene	1.358	1.374	1.358	1.462	1.633	1.624	1.490	8.8
Benzo(g,h,i)perylene	1.544	1.549	1.557	1.598	1.754	1.743	1.640	6.1
1,4-Dioxane	0.621	0.541	0.473	0.447	0.476	0.453	0.492	13.6

All other compounds must meet a minimum RRF of 0.010.

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8B

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BN041524 SAS No.: BN041524 SDG NO.: BN041524

EPA Sample No.: SSTDICCC0.4 Date Analyzed: Apr 15 2024 12:00AM

Lab File ID: BN030937.D Time Analyzed: 17:07

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

		IS1 (DCB) AREA #	RT #	IS2 (NPT) AREA #	RT #	IS3 (ANT) AREA #	RT #
	12 HOUR STD	3946	7.653	11983	10.43	6986	14.30
	UPPER LIMIT	7892	8.153	23966	10.932	13972	14.795
	LOWER LIMIT	1973	7.153	5991.5	9.932	3493	13.795
	EPA SAMPLE NO.						
01	ICVBN041524	3947	7.65	11881	10.43	6834	14.30
02	PB159883BL	3444	7.65	9707	10.43	5071	14.30
03	PT-ACIDS-WP	3911	7.65	12879	10.43	7163	14.30
04	PT-ACIDS-WPDL	3595	7.65	10824	10.43	6073	14.30
05	PB159883BS	4566	7.65	13389	10.43	7491	14.30
06	PB160202BL	3953	7.65	11347	10.43	5967	14.30
07	PB160202BS	4563	7.65	13137	10.43	6926	14.28
08	PB160153BS	4345	7.65	12817	10.43	6716	14.28
09	PB160153BSD	4292	7.65	12579	10.43	6641	14.28
10	RSB-01-37-040824	4293	7.65	12512	10.43	6745	14.28
11	RSB-01-37-040824-FD	5076	7.65	14791	10.43	8090	14.28
12	RSB-01-75-040924	5083	7.65	15716	10.42	8881	14.28
13	RSB-01-95-040924	5572	7.65	17144	10.42	10188	14.28
14	RSB-01-97-041024	4843	7.65	15106	10.42	8913	14.28
15	RSB-01A-17-041024	5565	7.65	17746	10.42	10721	14.28
16	RSB-01B-23-041024	5853	7.65	18085	10.42	10614	14.28
17	RSB-01B-23-041024MS	5724	7.65	17417	10.42	9758	14.28
18	RSB-01B-23-041024MSD	5905	7.65	18167	10.42	10602	14.28
19	PB160202BL	4691	7.65	14013	10.42	7672	14.28
20	PB159883BS	3753	7.65	11175	10.42	6218	14.28
21	RMW-06B-44-040424RE	4491	7.65	13860	10.42	1713 *	14.28

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8B

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BN041524 SAS No.: BN041524 SDG NO.: BN041524

EPA Sample No.: SSTDICCC0.4 Date Analyzed: Apr 16 2024 12:00AM

Lab File ID: BN030937.D Time Analyzed: 11:29

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

	IS1 (DCB) AREA #	RT #	IS2 (NPT) AREA #	RT #	IS3 (ANT) AREA #	RT #
12 HOUR STD	3946	7.653	11983	10.43	6986	14.30
UPPER LIMIT	7892	8.153	23966	10.932	13972	14.795
LOWER LIMIT	1973	7.153	5991.5	9.932	3493	13.795
EPA SAMPLE NO.						

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

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

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

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8B

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BN041524 SAS No.: BN041524 SDG NO.: BN041524

EPA Sample No.: SSTDICCC0.4 Date Analyzed: Apr 15 2024 12:00AM

Lab File ID: BN030937.D Time Analyzed: 17:07

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

		IS1 (DCB) AREA #	RT #	IS2 (NPT) AREA #	RT #	IS3 (ANT) AREA #	RT #
	12 HOUR STD	3946	7.653	11983	10.43	6986	14.30
	UPPER LIMIT	7892	8.153	23966	10.932	13972	14.795
	LOWER LIMIT	1973	7.153	5991.5	9.932	3493	13.795
	EPA SAMPLE NO.						
01	ICVBN041524	3947	7.65	11881	10.43	6834	14.30
02	PB159883BL	3444	7.65	9707	10.43	5071	14.30
03	PT-ACIDS-WP	3911	7.65	12879	10.43	7163	14.30
04	PT-ACIDS-WPDL	3595	7.65	10824	10.43	6073	14.30
05	PB159883BS	4566	7.65	13389	10.43	7491	14.30

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

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

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* Values outside of QC limits.

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8B

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BN041524 SAS No.: BN041524 SDG NO.: BN041524

EPA Sample No.: SSTDCCC0.4 Date Analyzed: Apr 15 2024 12:00AM

Lab File ID: BN030949.D Time Analyzed: 23:58

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

		IS1 (DCB) AREA #	RT #	IS2 (NPT) AREA #	RT #	IS3 (ANT) AREA #	RT #
	12 HOUR STD	3867	7.653	11572	10.43	6541	14.28
	UPPER LIMIT	7734	8.153	23144	10.932	13082	14.784
	LOWER LIMIT	1933.5	7.153	5786	9.932	3270.5	13.784
	EPA SAMPLE NO.						
01	PB160202BL	3953	7.65	11347	10.43	5967	14.30
02	PB160202BS	4563	7.65	13137	10.43	6926	14.28
03	PB160153BS	4345	7.65	12817	10.43	6716	14.28
04	PB160153BSD	4292	7.65	12579	10.43	6641	14.28
05	RSB-01-37-040824	4293	7.65	12512	10.43	6745	14.28
06	RSB-01-37-040824-FD	5076	7.65	14791	10.43	8090	14.28
07	RSB-01-75-040924	5083	7.65	15716	10.42	8881	14.28
08	RSB-01-95-040924	5572	7.65	17144	10.42	10188	14.28
09	RSB-01-97-041024	4843	7.65	15106	10.42	8913	14.28
10	RSB-01A-17-041024	5565	7.65	17746	10.42	10721	14.28
11	RSB-01B-23-041024	5853	7.65	18085	10.42	10614	14.28
12	RSB-01B-23-041024MS	5724	7.65	17417	10.42	9758	14.28
13	RSB-01B-23-041024MSD	5905	7.65	18167	10.42	10602	14.28

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

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

Column used to flag values outside QC limits with an asterisk.
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8B

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BN041524 SAS No.: BN041524 SDG NO.: BN041524

EPA Sample No.: SSTDCCC0.4 Date Analyzed: Apr 16 2024 12:00AM

Lab File ID: BN030964.D Time Analyzed: 10:17

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

		IS1 (DCB) AREA #	RT #	IS2 (NPT) AREA #	RT #	IS3 (ANT) AREA #	RT #
	12 HOUR STD	5857	7.646	17950	10.42	10223	14.28
	UPPER LIMIT	11714	8.146	35900	10.921	20446	14.784
	LOWER LIMIT	2928.5	7.146	8975	9.921	5111.5	13.784
	EPA SAMPLE NO.						
01	PB160202BL	4691	7.65	14013	10.42	7672	14.28
02	PB159883BS	3753	7.65	11175	10.42	6218	14.28
03	RMW-06B-44-040424RE	4491	7.65	13860	10.42	1713 *	14.28

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

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

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8C

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BN041524 SAS No.: BN041524 SDG NO.: BN041524

EPA Sample No.: SSTDICCC0.4 Date Analyzed: Apr 15 2024 12:00AM

Lab File ID: BN030937.D Time Analyzed: 17:07

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

		IS4 (PHN) AREA #	RT #	IS5 (CRY) AREA #	RT #	IS6 (PRY) AREA #	RT #
	12 HOUR STD	16159	17.04	14118	21.24	13534	23.46
	UPPER LIMIT	32318	17.54	28236	21.74	27068	23.96
	LOWER LIMIT	8079.5	16.54	7059	20.74	6767	22.96
	EPA SAMPLE NO.						
01	ICVBN041524	16129	17.04	13859	21.24	13030	23.46
02	PB159883BL	12417	17.04	10815	21.24	11022	23.46
03	PT-ACIDS-WP	17102	17.04	13341	21.24	13279	23.46
04	PT-ACIDS-WPDL	14444	17.04	11600	21.24	11361	23.46
05	PB159883BS	18288	17.04	17539	21.24	17522	23.46
06	PB160202BL	14502	17.04	11765	21.23	8850	23.45
07	PB160202BS	16399	17.04	13154	21.24	7459	23.45
08	PB160153BS	15997	17.04	12546	21.24	6444 *	23.45
09	PB160153BSD	15953	17.04	12746	21.24	6807	23.45
10	RSB-01-37-040824	16081	17.04	15231	21.24	15121	23.45
11	RSB-01-37-040824-FD	19288	17.04	17779	21.23	17703	23.45
12	RSB-01-75-040924	21342	17.04	20506	21.23	21828	23.45
13	RSB-01-95-040924	23622	17.04	22775	21.23	23207	23.45
14	RSB-01-97-041024	20672	17.04	19240	21.23	19882	23.45
15	RSB-01A-17-041024	25677	17.04	24426	21.23	24870	23.45
16	RSB-01B-23-041024	25488	17.04	24284	21.24	25519	23.45
17	RSB-01B-23-041024MS	23008	17.04	23107	21.23	24694	23.45
18	RSB-01B-23-041024MSD	25024	17.04	23886	21.24	25541	23.45
19	PB160202BL	18539	17.04	14385	21.23	9587	23.45
20	PB159883BS	14413	17.04	12458	21.23	12251	23.45
21	RMW-06B-44-040424RE	10504	17.04	25 *	21.24	2 *	23.46

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8C

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BN041524 SAS No.: BN041524 SDG NO.: BN041524

EPA Sample No.: SSTDICCC0.4 Date Analyzed: Apr 16 2024 12:00AM

Lab File ID: BN030937.D Time Analyzed: 11:29

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

	IS4 (PHN) AREA #	RT #	IS5 (CRY) AREA #	RT #	IS6 (PRY) AREA #	RT #
12 HOUR STD	16159	17.04	14118	21.24	13534	23.46
UPPER LIMIT	32318	17.54	28236	21.74	27068	23.96
LOWER LIMIT	8079.5	16.54	7059	20.74	6767	22.96
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

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* Values outside of QC limits.

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8C

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BN041524 SAS No.: BN041524 SDG NO.: BN041524

EPA Sample No.: SSTDICCC0.4 Date Analyzed: Apr 15 2024 12:00AM

Lab File ID: BN030937.D Time Analyzed: 17:07

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

		IS4 (PHN) AREA #	RT #	IS5 (CRY) AREA #	RT #	IS6 (PRY) AREA #	RT #
	12 HOUR STD	16159	17.04	14118	21.24	13534	23.46
	UPPER LIMIT	32318	17.54	28236	21.74	27068	23.96
	LOWER LIMIT	8079.5	16.54	7059	20.74	6767	22.96
	EPA SAMPLE NO.						
01	ICVBN041524	16129	17.04	13859	21.24	13030	23.46
02	PB159883BL	12417	17.04	10815	21.24	11022	23.46
03	PT-ACIDS-WP	17102	17.04	13341	21.24	13279	23.46
04	PT-ACIDS-WPDL	14444	17.04	11600	21.24	11361	23.46
05	PB159883BS	18288	17.04	17539	21.24	17522	23.46

IS4 (PHN) = Phenanthrene-d10
IS5 (CRY) = Chrysene-d12
IS6 (PRY) = Perylene-d12

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

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8C

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BN041524 SAS No.: BN041524 SDG NO.: BN041524

EPA Sample No.: SSTDCCC0.4 Date Analyzed: Apr 15 2024 12:00AM

Lab File ID: BN030949.D Time Analyzed: 23:58

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

		IS4 (PHN) AREA #	RT #	IS5 (CRY) AREA #	RT #	IS6 (PRY) AREA #		RT #
	12 HOUR STD	15129	17.04	13665	21.231	13414		23.451
	UPPER LIMIT	30258	17.54	27330	21.731	26828		23.951
	LOWER LIMIT	7564.5	16.54	6832.5	20.731	6707		22.951
	EPA SAMPLE NO.							
01	PB160202BL	14502	17.04	11765	21.23	8850		23.45
02	PB160202BS	16399	17.04	13154	21.24	7459		23.45
03	PB160153BS	15997	17.04	12546	21.24	6444	*	23.45
04	PB160153BSD	15953	17.04	12746	21.24	6807		23.45
05	RSB-01-37-040824	16081	17.04	15231	21.24	15121		23.45
06	RSB-01-37-040824-FD	19288	17.04	17779	21.23	17703		23.45
07	RSB-01-75-040924	21342	17.04	20506	21.23	21828		23.45
08	RSB-01-95-040924	23622	17.04	22775	21.23	23207		23.45
09	RSB-01-97-041024	20672	17.04	19240	21.23	19882		23.45
10	RSB-01A-17-041024	25677	17.04	24426	21.23	24870		23.45
11	RSB-01B-23-041024	25488	17.04	24284	21.24	25519		23.45
12	RSB-01B-23-041024MS	23008	17.04	23107	21.23	24694		23.45
13	RSB-01B-23-041024MSD	25024	17.04	23886	21.24	25541		23.45

IS4 (PHN) = Phenanthrene-d10
IS5 (CRY) = Chrysene-d12
IS6 (PRY) = Perylene-d12

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

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8C

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BN041524 SAS No.: BN041524 SDG NO.: BN041524

EPA Sample No.: SSTDCCC0.4 Date Analyzed: Apr 16 2024 12:00AM

Lab File ID: BN030964.D Time Analyzed: 10:17

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

		IS4 (PHN) AREA #	RT #	IS5 (CRY) AREA #	RT #	IS6 (PRY) AREA #	RT #
	12 HOUR STD	23389	17.04	22097	21.231	22864	23.451
	UPPER LIMIT	46778	17.54	44194	21.731	45728	23.951
	LOWER LIMIT	11694.5	16.54	11048.5	20.731	11432	22.951
	EPA SAMPLE NO.						
01	PB160202BL	18539	17.04	14385	21.23	9587 *	23.45
02	PB159883BS	14413	17.04	12458	21.23	12251	23.45
03	RMW-06B-44-040424RE	10504 *	17.04	25 *	21.24	2 *	23.46

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.
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Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: BN041524

Client:

Analytical Method: 8270-Modified **DataFile:**

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	RPD Qual	Limits Low	Limits High	RPD
PB159883BS	n-Nitrosodimethylamine	0.4	0.31	ug/L	78				33	130	
	n-Nitrosodimethylamine	0.4	0.35	ug/L	88				33	130	
	bis(2-Chloroethyl)ether	0.4	0.34	ug/L	85				55	118	
	bis(2-Chloroethyl)ether	0.4	0.33	ug/L	83				55	118	
	Naphthalene	0.4	0.32	ug/L	80				67	120	
	Naphthalene	0.4	0.38	ug/L	95				67	120	
	Hexachlorobutadiene	0.4	0.39	ug/L	98				33	114	
	Hexachlorobutadiene	0.4	0.32	ug/L	80				33	114	
	2-Methylnaphthalene	0.4	0.31	ug/L	78				50	122	
	2-Methylnaphthalene	0.4	0.37	ug/L	93				50	122	
	Acenaphthylene	0.4	0.36	ug/L	90				60	119	
	Acenaphthylene	0.4	0.33	ug/L	83				60	119	
	Acenaphthene	0.4	0.32	ug/L	80				65	119	
	Total PAH	6.4	5.07	ug/L	79				65	119	
	Acenaphthene	0.4	0.38	ug/L	95				65	119	
	Total PAH	6.4	6	ug/L	94				65	119	
	Fluorene	0.4	0.38	ug/L	95				58	122	
	Fluorene	0.4	0.33	ug/L	83				58	122	
	4,6-Dinitro-2-methylphenol	0.4	0.32	ug/L	80				20	150	
	4,6-Dinitro-2-methylphenol	0.4	0.36	ug/L	90				20	150	
	4-Bromophenyl-phenylether	0.4	0.36	ug/L	90				20	150	
	4-Bromophenyl-phenylether	0.4	0.31	ug/L	78				20	150	
	Hexachlorobenzene	0.4	0.3	ug/L	75				62	127	
	Hexachlorobenzene	0.4	0.39	ug/L	98				62	127	
	Atrazine	0.4	0.34	ug/L	85				20	150	
	Atrazine	0.4	0.3	ug/L	75				20	150	
	Pentachlorophenol	0.8	0.35	ug/L	44				10	137	
	Pentachlorophenol	0.8	0.38	ug/L	48				10	137	
	Phenanthrene	0.4	0.38	ug/L	95				65	117	
	Phenanthrene	0.4	0.33	ug/L	83				65	117	
	Anthracene	0.4	0.31	ug/L	78				57	118	
	Anthracene	0.4	0.35	ug/L	88				57	118	
	Fluoranthene	0.4	0.37	ug/L	93				53	126	
	Fluoranthene	0.4	0.31	ug/L	78				53	126	
	Pyrene	0.4	0.33	ug/L	83				54	124	
	Pyrene	0.4	0.39	ug/L	98				54	124	
	Benzo(a)anthracene	0.4	0.38	ug/L	95				54	130	
	Benzo(a)anthracene	0.4	0.32	ug/L	80				54	130	
	Chrysene	0.4	0.31	ug/L	78				64	126	
	Chrysene	0.4	0.39	ug/L	98				64	126	
	bis(2-Ethylhexyl)phthalate	0.4	0.34	ug/L	85				40	137	
	bis(2-Ethylhexyl)phthalate	0.4	0.31	ug/L	78				40	137	
	Benzo(b)fluoranthene	0.4	0.33	ug/L	83				65	121	
	Benzo(b)fluoranthene	0.4	0.38	ug/L	95				65	121	

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Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: BN041524

Client:

Analytical Method: 8270-Modified **DataFile:**

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	RPD Qual	Limits Low	Limits High	RPD
PB159883BS	Benzo(k)fluoranthene	0.4	0.37	ug/L	93				72	119	
	Benzo(k)fluoranthene	0.4	0.3	ug/L	75				72	119	
	Benzo(a)pyrene	0.4	0.31	ug/L	78				68	120	
	Benzo(a)pyrene	0.4	0.36	ug/L	90				68	120	
	Indeno(1,2,3-cd)pyrene	0.4	0.37	ug/L	93				70	127	
	Indeno(1,2,3-cd)pyrene	0.4	0.31	ug/L	78				70	127	
	Dibenz(a,h)anthracene	0.4	0.31	ug/L	78				65	121	
	Dibenz(a,h)anthracene	0.4	0.37	ug/L	93				65	121	
	Benzo(g,h,i)perylene	0.4	0.39	ug/L	98				76	117	
	Benzo(g,h,i)perylene	0.4	0.3	ug/L	75		*		76	117	
	1,4-Dioxane	0.4	0.33	ug/L	83				60	132	
	1,4-Dioxane	0.4	0.36	ug/L	90				60	132	

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Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: BN041524

Client:

Analytical Method: 8270-Modified **DataFile:**

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	RPD Qual	Limits Low	Limits High	RPD
PB160153BS	n-Nitrosodimethylamine	0.4	0.41	ug/L	103				33	130	
	bis(2-Chloroethyl)ether	0.4	0.37	ug/L	93				55	118	
	Naphthalene	0.4	0.37	ug/L	93				67	120	
	Hexachlorobutadiene	0.4	0.37	ug/L	93				33	114	
	2-Methylnaphthalene	0.4	0.36	ug/L	90				50	122	
	Acenaphthylene	0.4	0.38	ug/L	95				60	119	
	Acenaphthene	0.4	0.37	ug/L	93				65	119	
	Total PAH	6.4	7.6	ug/L	119				65	119	
	Fluorene	0.4	0.39	ug/L	98				58	122	
	4,6-Dinitro-2-methylphenol	0.4	0.38	ug/L	95				20	150	
	4-Bromophenyl-phenylether	0.4	0.36	ug/L	90				20	150	
	Hexachlorobenzene	0.4	0.36	ug/L	90				62	127	
	Atrazine	0.4	0.02	ug/L	5		*		20	150	
	Pentachlorophenol	0.8	0.73	ug/L	91				10	137	
	Phenanthrene	0.4	0.38	ug/L	95				65	117	
	Anthracene	0.4	0.35	ug/L	88				57	118	
	Fluoranthene	0.4	0.35	ug/L	88				53	126	
	Pyrene	0.4	0.37	ug/L	93				54	124	
	Benzo(a)anthracene	0.4	0.4	ug/L	100				54	130	
	Chrysene	0.4	0.43	ug/L	108				64	126	
	bis(2-Ethylhexyl)phthalate	0.4	0.34	ug/L	85				40	137	
	Benzo(b)fluoranthene	0.4	0.73	ug/L	183		*		65	121	
	Benzo(k)fluoranthene	0.4	0.72	ug/L	180		*		72	119	
	Benzo(a)pyrene	0.4	0.5	ug/L	125		*		68	120	
	Indeno(1,2,3-cd)pyrene	0.4	0.6	ug/L	150		*		70	127	
	Dibenz(a,h)anthracene	0.4	0.7	ug/L	175		*		65	121	
	Benzo(g,h,i)perylene	0.4	0.56	ug/L	140		*		76	117	
	1,4-Dioxane	0.4	0.29	ug/L	73				60	132	
PB160153BSD	n-Nitrosodimethylamine	0.4	0.34	ug/L	85	19			33	130	20
	bis(2-Chloroethyl)ether	0.4	0.35	ug/L	88	6			55	118	20
	Naphthalene	0.4	0.35	ug/L	88	6			67	120	20
	Hexachlorobutadiene	0.4	0.34	ug/L	85	8			33	114	20
	2-Methylnaphthalene	0.4	0.33	ug/L	83	9			50	122	20
	Acenaphthylene	0.4	0.35	ug/L	88	8			60	119	20
	Acenaphthene	0.4	0.34	ug/L	85	8			65	119	20
	Total PAH	6.4	6.99	ug/L	109	8			65	119	20
	Fluorene	0.4	0.35	ug/L	88	11			58	122	20
	4,6-Dinitro-2-methylphenol	0.4	0.35	ug/L	88	8			20	150	20
	4-Bromophenyl-phenylether	0.4	0.33	ug/L	83	9			20	150	20
	Hexachlorobenzene	0.4	0.34	ug/L	85	6			62	127	20
	Atrazine	0.4	0.02	ug/L	5	0	*		20	150	20
	Pentachlorophenol	0.8	0.68	ug/L	85	7			10	137	20
	Phenanthrene	0.4	0.36	ug/L	90	5			65	117	20
	Anthracene	0.4	0.32	ug/L	80	9			57	118	20

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Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: BN041524

Client:

Analytical Method: 8270-Modified **DataFile:**

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	RPD Qual	Limits Low	Limits High	RPD
PB160153BSD	Fluoranthene	0.4	0.32	ug/L	80	9			53	126	20
	Pyrene	0.4	0.35	ug/L	88	6			54	124	20
	Benzo(a)anthracene	0.4	0.37	ug/L	93	8			54	130	20
	Chrysene	0.4	0.4	ug/L	100	7			64	126	20
	bis(2-Ethylhexyl)phthalate	0.4	0.33	ug/L	83	3			40	137	20
	Benzo(b)fluoranthene	0.4	0.66	ug/L	165	10	*		65	121	20
	Benzo(k)fluoranthene	0.4	0.65	ug/L	162	10	*		72	119	20
	Benzo(a)pyrene	0.4	0.47	ug/L	117	6			68	120	20
	Indeno(1,2,3-cd)pyrene	0.4	0.55	ug/L	138	9	*		70	127	20
	Dibenz(a,h)anthracene	0.4	0.63	ug/L	158	11	*		65	121	20
	Benzo(g,h,i)perylene	0.4	0.52	ug/L	130	7	*		76	117	20
	1,4-Dioxane	0.4	0.26	ug/L	65	11			60	132	20

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Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: BN041524

Client:

Analytical Method: 8270-Modified **DataFile:**

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	RPD Qual	Limits Low	Limits High	Limits RPD
PB160202BS	n-Nitrosodimethylamine	0.4	0.36	ug/L	90				33	130	
	bis(2-Chloroethyl)ether	0.4	0.34	ug/L	85				55	118	
	Naphthalene	0.4	0.36	ug/L	90				67	120	
	Hexachlorobutadiene	0.4	0.35	ug/L	88				33	114	
	2-Methylnaphthalene	0.4	0.34	ug/L	85				50	122	
	Acenaphthylene	0.4	0.36	ug/L	90				60	119	
	Acenaphthene	0.4	0.35	ug/L	88				65	119	
	Total PAH	6.4	6.69	ug/L	105				65	119	
	Fluorene	0.4	0.36	ug/L	90				58	122	
	4,6-Dinitro-2-methylphenol	0.4	0.37	ug/L	93				20	150	
	4-Bromophenyl-phenylether	0.4	0.34	ug/L	85				20	150	
	Hexachlorobenzene	0.4	0.34	ug/L	85				62	127	
	Atrazine	0.4	0.09	ug/L	23				20	150	
	Pentachlorophenol	0.8	0.71	ug/L	89				10	137	
	Phenanthrene	0.4	0.37	ug/L	93				65	117	
	Anthracene	0.4	0.34	ug/L	85				57	118	
	Fluoranthene	0.4	0.33	ug/L	83				53	126	
	Pyrene	0.4	0.36	ug/L	90				54	124	
	Benzo(a)anthracene	0.4	0.36	ug/L	90				54	130	
	Chrysene	0.4	0.38	ug/L	95				64	126	
	bis(2-Ethylhexyl)phthalate	0.4	0.31	ug/L	78				40	137	
	Benzo(b)fluoranthene	0.4	0.6	ug/L	150		*		65	121	
	Benzo(k)fluoranthene	0.4	0.58	ug/L	145		*		72	119	
	Benzo(a)pyrene	0.4	0.42	ug/L	105				68	120	
	Indeno(1,2,3-cd)pyrene	0.4	0.5	ug/L	125				70	127	
	Dibenz(a,h)anthracene	0.4	0.55	ug/L	138		*		65	121	
	Benzo(g,h,i)perylene	0.4	0.47	ug/L	117		*		76	117	
	1,4-Dioxane	0.4	0.26	ug/L	65				60	132	

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4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

ICVBN041524

Lab Name: CHEMTECH Contract:

Lab Code: CHEM Case No.: BN041524 SAS No.: BN041524 SDG NO.: BN041524

Lab File ID: BN030942.D Lab Sample ID: SSTDICV0.4

Instrument ID: BNA_N Date Extracted:

Matrix: (soil/water) Water Date Analyzed: 04/15/2024

Level: (low/med) LOW Time Analyzed: 17:07

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
ICVBN041524	SSTDICV0.4	BN030942.D	04/15/2024

COMMENTS:

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4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

PB159883BL

Lab Name: CHEMTECH Contract:

Lab Code: CHEM Case No.: BN041524 SAS No.: BN041524 SDG NO.: BN041524

Lab File ID: BN030943.D Lab Sample ID: PB159883BL

Instrument ID: BNA_N Date Extracted: 03/29/2024

Matrix: (soil/water) Water Date Analyzed: 04/15/2024

Level: (low/med) LOW Time Analyzed: 17:44

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
PT-ACIDS-WP	P1908-08	BN030944.D	04/15/2024
PB159883BS	PB159883BS	BN030946.D	04/15/2024
PB159883BS	PB159883BS	BN030966.D	04/16/2024

COMMENTS:

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4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

PB160153BS

Lab Name: CHEMTECH Contract:

Lab Code: CHEM Case No.: BN041524 SAS No.: BN041524 SDG NO.: BN041524

Lab File ID: BN030952.D Lab Sample ID: PB160153BS

Instrument ID: BNA_N Date Extracted: 04/10/2024

Matrix: (soil/water) Water Date Analyzed: 04/16/2024

Level: (low/med) LOW Time Analyzed: 01:11

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
PB160153BS	PB160153BS	BN030952.D	04/16/2024
PB160153BSD	PB160153BSD	BN030953.D	04/16/2024
RSB-01-37-040824	P2031-01	BN030954.D	04/16/2024
RSB-01-37-040824-FD	P2031-02	BN030955.D	04/16/2024
RSB-01-75-040924	P2041-01	BN030956.D	04/16/2024
RSB-01-95-040924	P2041-02	BN030957.D	04/16/2024

COMMENTS:

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4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

PB160202BL

Lab Name: CHEMTECH Contract:

Lab Code: CHEM Case No.: BN041524 SAS No.: BN041524 SDG NO.: BN041524

Lab File ID: BN030965.D Lab Sample ID: PB160202BL

Instrument ID: BNA_N Date Extracted: 04/12/2024

Matrix: (soil/water) Water Date Analyzed: 04/16/2024

Level: (low/med) LOW Time Analyzed: 10:17

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
PB160202BS	PB160202BS	BN030951.D	04/16/2024
RSB-01-97-041024	P2073-01	BN030958.D	04/16/2024
RSB-01A-17-041024	P2073-02	BN030959.D	04/16/2024
RSB-01B-23-041024	P2073-03	BN030960.D	04/16/2024
RSB-01B-23-041024MS	P2073-04MS	BN030961.D	04/16/2024
RSB-01B-23-041024MSD	P2073-05MSD	BN030962.D	04/16/2024

COMMENTS:

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Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: BN041524

Client:

Analytical Method: 8270-Modified

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Limits Low	Limits High	RPD
Lab Sample ID: P2073-04MS		**Client Sample ID: RSB-01B-23-041024MS**						**DataFile:**	**BN030961.D**		
n-Nitrosodimethylamine	0.4		0.14	ug/L	35				10	158	
bis(2-Chloroethyl)ether	0.4		0.31	ug/L	78				27	159	
Naphthalene	0.4		0.31	ug/L	78				62	119	
Hexachlorobutadiene	0.4		0.27	ug/L	68				14	140	
2-Methylnaphthalene	0.4		0.31	ug/L	78				70	118	
Acenaphthylene	0.4		0.33	ug/L	83				53	123	
Acenaphthene	0.4		0.32	ug/L	80				57	122	
Total PAH	6.4		6.09	ug/L	95				57	122	
Fluorene	0.4		0.33	ug/L	83				58	123	
4,6-Dinitro-2-methylphenol	0.4		0.37	ug/L	93				20	150	
4-Bromophenyl-phenylether	0.4		0.34	ug/L	85				20	150	
Hexachlorobenzene	0.4		0.34	ug/L	85				31	160	
Atrazine	0.4		0.43	ug/L	108				20	150	
Pentachlorophenol	0.81		0.86	ug/L	106				10	179	
Phenanthrene	0.4		0.39	ug/L	98				64	129	
Anthracene	0.4		0.38	ug/L	95				67	127	
Fluoranthene	0.4		0.43	ug/L	108				55	140	
Pyrene	0.4		0.41	ug/L	103				59	137	
Benzo(a)anthracene	0.4		0.47	ug/L	117				51	146	
Chrysene	0.4		0.44	ug/L	110				61	126	
bis(2-Ethylhexyl)phthalate	0.4	0.3	0.74	ug/L	110				35	175	
Benzo(b)fluoranthene	0.4		0.39	ug/L	98				60	123	
Benzo(k)fluoranthene	0.4		0.4	ug/L	100				61	122	
Benzo(a)pyrene	0.4		0.4	ug/L	100				54	129	
Indeno(1,2,3-cd)pyrene	0.4		0.37	ug/L	93				50	134	
Dibenz(a,h)anthracene	0.4		0.37	ug/L	93				53	121	
Benzo(g,h,i)perylene	0.4		0.35	ug/L	88				44	132	
1,4-Dioxane	0.4		0.21	ug/L	52				10	175	

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Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: BN041524

Client:

Analytical Method: 8270-Modified

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Limits Low	Limits High	RPD
Lab Sample ID: P2073-05MSD		**Client Sample ID: RSB-01B-23-041024MSD**						**DataFile: BN030962.D**			
n-Nitrosodimethylamine	0.4		0.15	ug/L	38		8		10	158	20
bis(2-Chloroethyl)ether	0.4		0.35	ug/L	88		12		27	159	20
Naphthalene	0.4		0.34	ug/L	85		9		62	119	20
Hexachlorobutadiene	0.4		0.31	ug/L	78		14		14	140	20
2-Methylnaphthalene	0.4		0.35	ug/L	88		12		70	118	20
Acenaphthylene	0.4		0.36	ug/L	90		8		53	123	20
Acenaphthene	0.4		0.35	ug/L	88		10		57	122	20
Total PAH	6.4		6.04	ug/L	94		1		57	122	20
Fluorene	0.4		0.36	ug/L	90		8		58	123	20
4,6-Dinitro-2-methylphenol	0.4		0.38	ug/L	95		2		20	150	20
4-Bromophenyl-phenylether	0.4		0.37	ug/L	93		9		20	150	20
Hexachlorobenzene	0.4		0.36	ug/L	90		6		31	160	20
Atrazine	0.4		0.4	ug/L	100		8		20	150	20
Pentachlorophenol	0.8		0.83	ug/L	104		2		10	179	20
Phenanthrene	0.4		0.4	ug/L	100		2		64	129	20
Anthracene	0.4		0.39	ug/L	98		3		67	127	20
Fluoranthene	0.4		0.4	ug/L	100		8		55	140	20
Pyrene	0.4		0.4	ug/L	100		3		59	137	20
Benzo(a)anthracene	0.4		0.45	ug/L	113		3		51	146	20
Chrysene	0.4		0.41	ug/L	103		7		61	126	20
bis(2-Ethylhexyl)phthalate	0.4	0.3	0.65	ug/L	87		23	*	35	175	20
Benzo(b)fluoranthene	0.4		0.37	ug/L	93		5		60	123	20
Benzo(k)fluoranthene	0.4		0.38	ug/L	95		5		61	122	20
Benzo(a)pyrene	0.4		0.39	ug/L	98		2		54	129	20
Indeno(1,2,3-cd)pyrene	0.4		0.36	ug/L	90		3		50	134	20
Dibenz(a,h)anthracene	0.4		0.35	ug/L	88		6		53	121	20
Benzo(g,h,i)perylene	0.4		0.33	ug/L	83		6		44	132	20
1,4-Dioxane	0.4		0.28	ug/L	70		30	*	10	175	20

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Surrogate Summary

SW-846

SDG No.: BN041524

Client:

Analytical Method: 8270-Modified

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%) Low	Limits (%) High
SSTDICV0.4	ICVBN041524	BN030942.D	2-Methylnaphthalene-d10	0.4	383.00	95750	*	30	150
			Fluoranthene-d10	0.4	362.00	90500	*	30	150
			2-Fluorophenol	0.4	376.00	94000	*	10	92
			Phenol-d6	0.4	359.00	89750	*	10	100
			Nitrobenzene-d5	0.4	367.00	91750	*	11	175
			2-Fluorobiphenyl	0.4	401.00	100250	*	10	175
			2,4,6-Tribromophenol	0.4	341.00	85250	*	24	148
			Terphenyl-d14	0.4	381.00	95250	*	54	171

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Surrogate Summary

SW-846

SDG No.: BN041524

Client:

Analytical Method: 8270-Modified

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%) Low	Limits (%) High
P1908-08	PT-ACIDS-WP	BN030944.D	2-Methylnaphthalene-d10	0.4	0.00	0	*	30	150
			Fluoranthene-d10	0.4	0.01	1	*	30	150
			2-Fluorophenol	0.4	181.73	45432	*	10	92
			Phenol-d6	0.4	200.18	50046	*	10	100
			Nitrobenzene-d5	0.4	118.53	29633	*	11	175
			2-Fluorobiphenyl	0.4	86.66	21665	*	10	175
			2,4,6-Tribromophenol	0.4	235.41	58852	*	24	148
			Terphenyl-d14	0.4	88.58	22146	*	54	171
P1908-08DL	PT-ACIDS-WPDL	BN030945.D	2-Methylnaphthalene-d10	0.4	0.00	0	*	30	150
			Fluoranthene-d10	0.4	0.00	0	*	30	150
			2-Fluorophenol	0.4	165.15	41287	*	10	92
			Phenol-d6	0.4	169.80	42450	*	10	100
			Nitrobenzene-d5	0.4	108.55	27138	*	11	175
			2-Fluorobiphenyl	0.4	107.60	26900	*	10	175
			2,4,6-Tribromophenol	0.4	168.65	42162	*	24	148
			Terphenyl-d14	0.4	123.40	30850	*	54	171
PB159883BL	PB159883BL	BN030943.D	2-Methylnaphthalene-d10	0.4	0.38	94		30	150
			Fluoranthene-d10	0.4	0.42	104		30	150
			2-Fluorophenol	0.4	0.45	112	*	10	92
			Phenol-d6	0.4	0.42	104	*	10	100
			Nitrobenzene-d5	0.4	0.40	100		11	175
			2-Fluorobiphenyl	0.4	0.48	121		10	175
			2,4,6-Tribromophenol	0.4	0.28	71		24	148
			Terphenyl-d14	0.4	0.49	122		54	171
PB159883BS	PB159883BS	BN030946.D	2-Methylnaphthalene-d10	0.4	0.45	111		30	150
		BN030966.D	2-Methylnaphthalene-d10	0.4	0.37	94		30	150
			Fluoranthene-d10	0.4	0.37	92		30	150
		BN030946.D	Fluoranthene-d10	0.4	0.33	81		30	150
			2-Fluorophenol	0.4	0.44	110	*	10	92
		BN030966.D	2-Fluorophenol	0.4	0.37	93	*	10	92
			Phenol-d6	0.4	0.36	90		10	100
		BN030946.D	Phenol-d6	0.4	0.44	111	*	10	100
			Nitrobenzene-d5	0.4	0.34	86		11	175
		BN030966.D	Nitrobenzene-d5	0.4	0.36	91		11	175
			2-Fluorobiphenyl	0.4	0.36	91		10	175
		BN030946.D	2-Fluorobiphenyl	0.4	0.36	89		10	175
			2,4,6-Tribromophenol	0.4	0.39	97		24	148
		BN030966.D	2,4,6-Tribromophenol	0.4	0.33	82		24	148
			Terphenyl-d14	0.4	0.38	94		54	171
		BN030946.D	Terphenyl-d14	0.4	0.33	83		54	171

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Surrogate Summary

SW-846

SDG No.: BN041524

Client:

Analytical Method: 8270-Modified

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%) Low	Limits (%) High
P2002-03RE	RMW-06B-44-0404	BN030967.D	2-Methylnaphthalene-d10	0.4	0.19	47		30	150
			Fluoranthene-d10	0.4	0.08	21	*	30	150
			2-Fluorophenol	0.4	0.14	36		10	92
			Phenol-d6	0.4	0.22	54		10	100
			Nitrobenzene-d5	0.4	0.22	55		11	175
			2-Fluorobiphenyl	0.4	0.97	242	*	10	175
			2,4,6-Tribromophenol	0.4	1.12	280	*	24	148
			Terphenyl-d14	0.4	84.27	21068	*	54	171

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Surrogate Summary

SW-846

SDG No.: BN041524

Client:

Analytical Method: 8270-Modified

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%) Low	Limits (%) High
P2031-01	RSB-01-37-040824	BN030954.D	2-Methylnaphthalene-d10	0.4	0.30	75		30	150
			Fluoranthene-d10	0.4	0.40	99		30	150
			2-Fluorophenol	0.4	0.15	36		10	92
			Phenol-d6	0.4	0.10	24		10	100
			Nitrobenzene-d5	0.4	0.28	70		11	175
			2-Fluorobiphenyl	0.4	0.31	78		10	175
			2,4,6-Tribromophenol	0.4	0.25	63		24	148
			Terphenyl-d14	0.4	0.40	100		54	171
P2031-02	RSB-01-37-040824	BN030955.D	2-Methylnaphthalene-d10	0.4	0.30	75		30	150
			Fluoranthene-d10	0.4	0.41	101		30	150
			2-Fluorophenol	0.4	0.16	40		10	92
			Phenol-d6	0.4	0.11	28		10	100
			Nitrobenzene-d5	0.4	0.28	71		11	175
			2-Fluorobiphenyl	0.4	0.29	72		10	175
			2,4,6-Tribromophenol	0.4	0.22	56		24	148
			Terphenyl-d14	0.4	0.38	95		54	171
P2041-01	RSB-01-75-040924	BN030956.D	2-Methylnaphthalene-d10	0.4	0.28	70		30	150
			Fluoranthene-d10	0.4	0.37	92		30	150
			2-Fluorophenol	0.4	0.11	27		10	92
			Phenol-d6	0.4	0.06	16		10	100
			Nitrobenzene-d5	0.4	0.24	61		11	175
			2-Fluorobiphenyl	0.4	0.25	63		10	175
			2,4,6-Tribromophenol	0.4	0.27	67		24	148
			Terphenyl-d14	0.4	0.34	84		54	171
P2041-02	RSB-01-95-040924	BN030957.D	2-Methylnaphthalene-d10	0.4	0.27	68		30	150
			Fluoranthene-d10	0.4	0.33	83		30	150
			2-Fluorophenol	0.4	0.10	26		10	92
			Phenol-d6	0.4	0.07	16		10	100
			Nitrobenzene-d5	0.4	0.24	61		11	175
			2-Fluorobiphenyl	0.4	0.23	57		10	175
			2,4,6-Tribromophenol	0.4	0.28	69		24	148
			Terphenyl-d14	0.4	0.28	71		54	171
PB160153BS	PB160153BS	BN030952.D	2-Methylnaphthalene-d10	0.4	0.68	169	*	30	150
			Fluoranthene-d10	0.4	0.35	87		30	150
			2-Fluorophenol	0.4	0.40	100	*	10	92
			Phenol-d6	0.4	0.41	101	*	10	100
			Nitrobenzene-d5	0.4	0.35	88		11	175
			2-Fluorobiphenyl	0.4	0.37	93		10	175
			2,4,6-Tribromophenol	0.4	0.33	83		24	148
			Terphenyl-d14	0.4	0.38	96		54	171
PB160153BSD	PB160153BSD	BN030953.D	2-Methylnaphthalene-d10	0.4	0.65	161	*	30	150
			Fluoranthene-d10	0.4	0.33	81		30	150
			2-Fluorophenol	0.4	0.37	92		10	92
			Phenol-d6	0.4	0.37	92		10	100
			Nitrobenzene-d5	0.4	0.33	81		11	175
			2-Fluorobiphenyl	0.4	0.35	87		10	175
			2,4,6-Tribromophenol	0.4	0.30	75		24	148
			Terphenyl-d14	0.4	0.36	89		54	171

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Surrogate Summary

SW-846

SDG No.: BN041524

Client:

Analytical Method: 8270-Modified

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%) Low	Limits (%) High
P2073-01	RSB-01-97-041024	BN030958.D	2-Methylnaphthalene-d10	0.4	0.31	77		30	150
			Fluoranthene-d10	0.4	0.38	95		30	150
			2-Fluorophenol	0.4	0.13	32		10	92
			Phenol-d6	0.4	0.08	19		10	100
			Nitrobenzene-d5	0.4	0.28	69		11	175
			2-Fluorobiphenyl	0.4	0.26	66		10	175
			2,4,6-Tribromophenol	0.4	0.33	82		24	148
			Terphenyl-d14	0.4	0.52	129		54	171
P2073-02	RSB-01A-17-04102	BN030959.D	2-Methylnaphthalene-d10	0.4	0.31	79		30	150
			Fluoranthene-d10	0.4	0.38	96		30	150
			2-Fluorophenol	0.4	0.16	40		10	92
			Phenol-d6	0.4	0.11	28		10	100
			Nitrobenzene-d5	0.4	0.28	71		11	175
			2-Fluorobiphenyl	0.4	0.28	70		10	175
			2,4,6-Tribromophenol	0.4	0.38	95		24	148
			Terphenyl-d14	0.4	0.39	98		54	171
P2073-03	RSB-01B-23-04102	BN030960.D	2-Methylnaphthalene-d10	0.4	0.30	75		30	150
			Fluoranthene-d10	0.4	0.38	95		30	150
			2-Fluorophenol	0.4	0.15	38		10	92
			Phenol-d6	0.4	0.10	24		10	100
			Nitrobenzene-d5	0.4	0.27	68		11	175
			2-Fluorobiphenyl	0.4	0.27	68		10	175
			2,4,6-Tribromophenol	0.4	0.34	84		24	148
			Terphenyl-d14	0.4	0.45	112		54	171
P2073-04MS	RSB-01B-23-04102	BN030961.D	2-Methylnaphthalene-d10	0.4	0.41	102		30	150
			Fluoranthene-d10	0.4	0.43	108		30	150
			2-Fluorophenol	0.4	0.16	41		10	92
			Phenol-d6	0.4	0.10	26		10	100
			Nitrobenzene-d5	0.4	0.29	72		11	175
			2-Fluorobiphenyl	0.4	0.28	70		10	175
			2,4,6-Tribromophenol	0.4	0.37	93		24	148
			Terphenyl-d14	0.4	0.43	107		54	171
P2073-05MSD	RSB-01B-23-04102	BN030962.D	2-Methylnaphthalene-d10	0.4	0.40	100		30	150
			Fluoranthene-d10	0.4	0.41	102		30	150
			2-Fluorophenol	0.4	0.19	47		10	92
			Phenol-d6	0.4	0.12	31		10	100
			Nitrobenzene-d5	0.4	0.33	83		11	175
			2-Fluorobiphenyl	0.4	0.31	77		10	175
			2,4,6-Tribromophenol	0.4	0.39	97		24	148
			Terphenyl-d14	0.4	0.41	102		54	171
PB160202BL	PB160202BL	BN030950.D	2-Methylnaphthalene-d10	0.4	0.33	82		30	150
		BN030965.D	2-Methylnaphthalene-d10	0.4	0.34	84		30	150
			Fluoranthene-d10	0.4	0.34	85		30	150
		BN030950.D	Fluoranthene-d10	0.4	0.35	86		30	150
			2-Fluorophenol	0.4	0.38	95	*	10	92
		BN030965.D	2-Fluorophenol	0.4	0.40	99	*	10	92
		BN030950.D	Phenol-d6	0.4	0.35	88		10	100
		BN030965.D	Phenol-d6	0.4	0.37	91		10	100
			Nitrobenzene-d5	0.4	0.31	77		11	175

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Surrogate Summary

SW-846

SDG No.: BN041524

Client:

Analytical Method: 8270-Modified

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%) Low	Limits (%) High
PB160202BL	PB160202BL	BN030950.D	Nitrobenzene-d5	0.4	0.31	77		11	175
			2-Fluorobiphenyl	0.4	0.37	91		10	175
		BN030965.D	2-Fluorobiphenyl	0.4	0.32	80		10	175
			2,4,6-Tribromophenol	0.4	0.31	77		24	148
		BN030950.D	2,4,6-Tribromophenol	0.4	0.30	74		24	148
			Terphenyl-d14	0.4	0.37	91		54	171
		BN030965.D	Terphenyl-d14	0.4	0.37	93		54	171
PB160202BS	PB160202BS	BN030951.D	2-Methylnaphthalene-d10	0.4	0.66	164	*	30	150
			Fluoranthene-d10	0.4	0.33	82		30	150
			2-Fluorophenol	0.4	0.37	93	*	10	92
			Phenol-d6	0.4	0.37	92		10	100
			Nitrobenzene-d5	0.4	0.33	83		11	175
			2-Fluorobiphenyl	0.4	0.35	88		10	175
			2,4,6-Tribromophenol	0.4	0.31	78		24	148
			Terphenyl-d14	0.4	0.35	88		54	171

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5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK

DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: CHEMTECH Contract: BN041524

Lab Code: CHEM SAS No.: BN041524 SDG NO.: BN041524

Lab File ID: BN030934.D DFTPP Injection Date: 04/15/2024

Instrument ID: BNA_N DFTPP Injection Time: 12:03

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
51	10.0 - 80.0% of mass 198	36.2
68	Less than 2.0% of mass 69	0.7 (1.9) 1
69	Mass 69 relative abundance	37.8
70	Less than 2.0% of mass 69	0.2 (0.6) 1
127	10.0 - 80.0% of mass 198	49.5
197	Less than 2.0% of mass 198	0.4
198	Base Peak, 100% relative abundance	100
199	5.0 to 9.0% of mass 198	6.9
275	10.0 - 60.0% of mass 198	25.6
365	Greater than 1% of mass 198	3.5
441	Present, but less than mass 443	10.3
442	Greater than 50% of mass 198	64.3
443	15.0 - 24.0% of mass 442	11.7 (18.2) 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
SSTDICC0.1	SSTDICC0.1	BN030935.D	04/15/2024	12:43
SSTDICC0.2	SSTDICC0.2	BN030936.D	04/15/2024	13:20
SSTDICCC0.4	SSTDICCC0.4	BN030937.D	04/15/2024	13:56
SSTDICC0.8	SSTDICC0.8	BN030938.D	04/15/2024	14:33
SSTDICC1.6	SSTDICC1.6	BN030939.D	04/15/2024	15:09
SSTDICC3.2	SSTDICC3.2	BN030940.D	04/15/2024	15:46
SSTDICC5.0	SSTDICC5.0	BN030941.D	04/15/2024	16:23
ICVBN041524	SSTDICV0.4	BN030942.D	04/15/2024	17:07
PB159883BL	PB159883BL	BN030943.D	04/15/2024	17:44
PT-ACIDS-WP	P1908-08	BN030944.D	04/15/2024	18:21
PT-ACIDS-WPDL	P1908-08DL	BN030945.D	04/15/2024	18:58
PB159883BS	PB159883BS	BN030946.D	04/15/2024	19:35
SSTDCCC0.4EC	SSTDCCC0.4	BN030947.D	04/15/2024	20:50

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5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK

DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: CHEMTECH Contract: BN041524

Lab Code: CHEM SAS No.: BN041524 SDG NO.: BN041524

Lab File ID: BN030948.D DFTPP Injection Date: 04/15/2024

Instrument ID: BNA_N DFTPP Injection Time: 22:41

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
51	10.0 - 80.0% of mass 198	35.8
68	Less than 2.0% of mass 69	0.7 (1.8) 1
69	Mass 69 relative abundance	37.6
70	Less than 2.0% of mass 69	0.2 (0.6) 1
127	10.0 - 80.0% of mass 198	47.7
197	Less than 2.0% of mass 198	0.6
198	Base Peak, 100% relative abundance	100
199	5.0 to 9.0% of mass 198	6.7
275	10.0 - 60.0% of mass 198	25.3
365	Greater than 1% of mass 198	3.3
441	Present, but less than mass 443	10.7
442	Greater than 50% of mass 198	62.1
443	15.0 - 24.0% of mass 442	11.8 (18.9) 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
SSTDCCC0.4	SSTDCCC0.4	BN030949.D	04/15/2024	23:21
PB160202BL	PB160202BL	BN030950.D	04/15/2024	23:58
PB160202BS	PB160202BS	BN030951.D	04/16/2024	00:34
PB160153BS	PB160153BS	BN030952.D	04/16/2024	01:11
PB160153BSD	PB160153BSD	BN030953.D	04/16/2024	01:47
RSB-01-37-040824	P2031-01	BN030954.D	04/16/2024	02:24
RSB-01-37-040824-FD	P2031-02	BN030955.D	04/16/2024	03:00
RSB-01-75-040924	P2041-01	BN030956.D	04/16/2024	03:36
RSB-01-95-040924	P2041-02	BN030957.D	04/16/2024	04:12
RSB-01-97-041024	P2073-01	BN030958.D	04/16/2024	04:49
RSB-01A-17-041024	P2073-02	BN030959.D	04/16/2024	05:25
RSB-01B-23-041024	P2073-03	BN030960.D	04/16/2024	06:01
RSB-01B-23-041024MS	P2073-04MS	BN030961.D	04/16/2024	06:38
RSB-01B-23-041024MSD	P2073-05MSD	BN030962.D	04/16/2024	07:14

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5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: CHEMTECH Contract: BN041524

Lab Code: CHEM SAS No.: BN041524 SDG NO.: BN041524

Lab File ID: BN030963.D DFTPP Injection Date: 04/16/2024

Instrument ID: BNA_N DFTPP Injection Time: 09:01

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
51	10.0 - 80.0% of mass 198	37.8
68	Less than 2.0% of mass 69	0.7 (1.9) 1
69	Mass 69 relative abundance	39
70	Less than 2.0% of mass 69	0.2 (0.5) 1
127	10.0 - 80.0% of mass 198	48.8
197	Less than 2.0% of mass 198	0.6
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	25.3
365	Greater than 1% of mass 198	3.3
441	Present, but less than mass 443	9.9
442	Greater than 50% of mass 198	72.6
443	15.0 - 24.0% of mass 442	12.1 (16.6) 2

1-Value is % mass 69 2-Value is % mass 442

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
SSTDCCC0.4	SSTDCCC0.4	BN030964.D	04/16/2024	09:40
PB160202BL	PB160202BL	BN030965.D	04/16/2024	10:17
PB159883BS	PB159883BS	BN030966.D	04/16/2024	10:53
RMW-06B-44-040424RE	P2002-03RE	BN030967.D	04/16/2024	11:29
SSTDCCC0.4EC	SSTDCCC0.4	BN030968.D	04/16/2024	13:00