CHEMTECH

Surrogate Summary

SW-846

SDG No.: BM072117

Client:

Analytical Method: 8270D

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%) Low	Limits (%) High
I4280-03	CL-01-071817-A	BM010940.D	2-Fluorophenol	150	129.32	86		10	130
			Phenol-d6	150	115.94	77		10	130
			Nitrobenzene-d5	100	89.29	89		36	131
			2-Fluorobiphenyl	100	87.62	88		39	131
			2,4,6-Tribromophenol	150	162.12	108		25	155
			Terphenyl-d14	100	83.56	84		23	130
I4280-03MS	CL-01-071817-AM	BM010941.D	2-Fluorophenol	150	135.08	90		10	130
			Phenol-d6	150	123.63	82		10	130
			Nitrobenzene-d5	100	88.39	88		36	131
			2-Fluorobiphenyl	100	89.78	90		39	131
			2,4,6-Tribromophenol	150	146.05	97		25	155
			Terphenyl-d14	100	87.18	87		23	130
I4280-03MSD	CL-01-071817-AM	BM010942.D	2-Fluorophenol	150	131.52	88		10	130
			Phenol-d6	150	122.60	82		10	130
			Nitrobenzene-d5	100	89.53	90		36	131
			2-Fluorobiphenyl	100	86.05	86		39	131
			2,4,6-Tribromophenol	150	139.60	93		25	155
			Terphenyl-d14	100	94.54	95		23	130
I4280-06	CL-01-071817-B	BM010943.D	2-Fluorophenol	150	119.35	80		10	130
			Phenol-d6	150	104.18	69		10	130
			Nitrobenzene-d5	100	84.73	85		36	131
			2-Fluorobiphenyl	100	82.16	82		39	131
			2,4,6-Tribromophenol	150	136.91	91		25	155
			Terphenyl-d14	100	82.08	82		23	130
I4280-09	CL-01-071817-C	BM010944.D	2-Fluorophenol	150	117.94	79		10	130
			Phenol-d6	150	105.99	71		10	130
			Nitrobenzene-d5	100	82.00	82		36	131
			2-Fluorobiphenyl	100	78.20	78		39	131
			2,4,6-Tribromophenol	150	130.19	87		25	155
			Terphenyl-d14	100	76.77	77		23	130
I4280-12	CL-01-071817-D	BM010945.D	2-Fluorophenol	150	114.20	76		10	130
			Phenol-d6	150	101.06	67		10	130
			Nitrobenzene-d5	100	83.23	83		36	131
			2-Fluorobiphenyl	100	81.52	82		39	131
			2,4,6-Tribromophenol	150	128.07	85		25	155
			Terphenyl-d14	100	74.49	74		23	130
I4302-01	RINSEBLANK-SO	BM010946.D	2-Fluorophenol	150	49.84	33		10	130
			Phenol-d6	150	30.11	20		10	130
			Nitrobenzene-d5	100	79.70	80		36	131
			2-Fluorobiphenyl	100	81.07	81		39	131
			2,4,6-Tribromophenol	150	128.22	85		25	155
			Terphenyl-d14	100	75.38	75		23	130
I4308-03	NB-08-071917	BM010947.D	2-Fluorophenol	150	116.65	78		10	130
			Phenol-d6	150	104.69	70		10	130
			Nitrobenzene-d5	100	81.35	81		36	131
			2-Fluorobiphenyl	100	77.36	77		39	131
			2,4,6-Tribromophenol	150	136.22	91		25	155
			Terphenyl-d14	100	82.97	83		23	130
I4312-03	VNJ-209	BM010948.D	2-Fluorophenol	150	116.74	78		10	130
			Phenol-d6	150	106.10	71		10	130
			Nitrobenzene-d5	100	83.17	83		36	131

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Surrogate Summary

SW-846

SDG No.: BM072117

Client:

Analytical Method: 8270D

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%) Low	Limits (%) High
I4312-03	VNJ-209	BM010948.D	2-Fluorobiphenyl	100	78.09	78		39	131
			2,4,6-Tribromophenol	150	142.02	95		25	155
			Terphenyl-d14	100	79.81	80		23	130
I4312-07	72-11987	BM010949.D	2-Fluorophenol	150	115.93	77		10	130
			Phenol-d6	150	104.02	69		10	130
			Nitrobenzene-d5	100	83.70	84		36	131
			2-Fluorobiphenyl	100	82.44	82		39	131
			2,4,6-Tribromophenol	150	144.34	96		25	155
			Terphenyl-d14	100	82.57	83		23	130
I4312-11	72-11978	BM010950.D	2-Fluorophenol	150	105.36	70		10	130
			Phenol-d6	150	94.28	63		10	130
			Nitrobenzene-d5	100	75.78	76		36	131
			2-Fluorobiphenyl	100	72.86	73		39	131
			2,4,6-Tribromophenol	150	118.87	79		25	155
			Terphenyl-d14	100	80.00	80		23	130
I4312-15	VNJ-237	BM010951.D	2-Fluorophenol	150	99.02	66		10	130
			Phenol-d6	150	91.22	61		10	130
			Nitrobenzene-d5	100	71.19	71		36	131
			2-Fluorobiphenyl	100	70.42	70		39	131
			2,4,6-Tribromophenol	150	125.28	84		25	155
			Terphenyl-d14	100	78.59	79		23	130
I4312-19	156	BM010952.D	2-Fluorophenol	150	116.74	78		10	130
			Phenol-d6	150	107.09	71		10	130
			Nitrobenzene-d5	100	82.00	82		36	131
			2-Fluorobiphenyl	100	80.69	81		39	131
			2,4,6-Tribromophenol	150	141.95	95		25	155
			Terphenyl-d14	100	87.45	87		23	130
I4313-04	B-COMB-1	BM010953.D	2-Fluorophenol	150	125.20	83		10	130
			Phenol-d6	150	49.54	33		10	130
			Nitrobenzene-d5	100	89.87	90		36	131
			2-Fluorobiphenyl	100	305.35	305	*	39	131
			2,4,6-Tribromophenol	150	515.38	344	*	25	155
			Terphenyl-d14	100	378.07	378	*	23	130
I4316-03	OR-02-071917	BM010954.D	2-Fluorophenol	150	123.98	83		10	130
			Phenol-d6	150	119.67	80		10	130
			Nitrobenzene-d5	100	80.65	81		36	131
			2-Fluorobiphenyl	100	81.51	82		39	131
			2,4,6-Tribromophenol	150	157.17	105		25	155
			Terphenyl-d14	100	82.25	82		23	130
I4317-03	SP-1-TP-1-2-3-COM	BM010955.D	2-Fluorophenol	150	117.00	78		10	130
			Phenol-d6	150	25.83	17		10	130
			Nitrobenzene-d5	100	122.70	123		36	131
			2-Fluorobiphenyl	100	553.51	554	*	39	131
			2,4,6-Tribromophenol	150	973.61	649	*	25	155
			Terphenyl-d14	100	662.76	663	*	23	130
I4358-03	TR-05-072017	BM010956.D	2-Fluorophenol	150	123.54	82		10	130
			Phenol-d6	150	60.78	41		10	130
			Nitrobenzene-d5	100	89.10	89		36	131
			2-Fluorobiphenyl	100	216.76	217	*	39	131
			2,4,6-Tribromophenol	150	371.78	248	*	25	155
			Terphenyl-d14	100	231.09	231	*	23	130

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Surrogate Summary

SW-846

SDG No.: BM072117

Client:

Analytical Method: 8270D

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%) Low	Limits (%) High
I4363-03	B-COMB-4	BM010939.D	2-Fluorophenol	150	124.19	83		10	130
			Phenol-d6	150	51.45	34		10	130
			Nitrobenzene-d5	100	94.89	95		36	131
			2-Fluorobiphenyl	100	295.02	295	*	39	131
			2,4,6-Tribromophenol	150	471.24	314	*	25	155
			Terphenyl-d14	100	573.93	574	*	23	130
PB100830TB	PB100830TB	BM010957.D	2-Fluorophenol	150	140.32	94		10	130
			Phenol-d6	150	134.41	90		10	130
			Nitrobenzene-d5	100	92.76	93		36	131
			2-Fluorobiphenyl	100	92.38	92		39	131
			2,4,6-Tribromophenol	150	147.77	99		25	155
			Terphenyl-d14	100	99.90	100		23	130

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Hit Summary Sheet
SW-846

SDG No.: BM072117

Client:

Sample ID	Client ID		Parameter		Concentration	C	MDL	LOD	RDL	Units
Client ID :	**CL-01-071817-A**									
I4280-03	CL-01-071817-A	water	Di-n-butylphthalate		31.000	J	10	50	100	ug/L
			Total Svoc :			**31.00**				
			Total Concentration:			**31.00**				
Client ID :	**CL-01-071817-B**									
I4280-06	CL-01-071817-B	water	Naphthalene		23.100	J	1.2	50	100	ug/L
			Total Svoc :			**23.10**				
			Total Concentration:			**23.10**				
Client ID :	**RINSEBLANK-SOIL**									
I4302-01	RINSEBLANK-SOIL	Water	Propane, 1,1-dipropoxy-	*	2.400	J				
I4302-01	RINSEBLANK-SOIL	Water	unknown6.96	*	71.200	J				
			Total Tics :			**73.60**				
			Total Concentration:			**73.60**				
Client ID :	**VNJ-237**									
I4312-15	VNJ-237	water	Benzidine		48.900	J	20	50	100	ug/L
			Total Svoc :			**48.90**				
			Total Concentration:			**48.90**				
Client ID :	**SP-1-TP-1-2-3-COMP**									
I4317-03	SP-1-TP-1-2-3-COMP	water	1,4-Dioxane		21.800	J	2	50	100	ug/L
I4317-03	SP-1-TP-1-2-3-COMP	water	Isophorone		24.400	J	3	50	100	ug/L
			Total Svoc :			**46.20**				
			Total Concentration:			**46.20**				
Client ID :	**B-COMB-4**									
I4363-03	B-COMB-4	water	Di-n-butylphthalate		140.000		10	50	100	ug/L
			Total Svoc :			**140.00**				
			Total Concentration:			**140.00**				

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

SDG No.: _____

Client: _____

Analytical Method: **DataFile:**

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	RPD Qual	Limits Low	Limits High	RPD

CHEMTECH

Matrix Spike/Matrix Spike Duplicate Summary
SW-846

SDG No.: BM072117

Client:

Analytical Method: 8270D

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Limits Low	Limits High	RPD
Lab Sample ID: I4280-03MS		**Client Sample ID:**	CL-01-071817-AMS					**DataFile:**	BM010941.D		
n-Nitrosodimethylamine	500		400	ug/L	80				10	130	
Pyridine	500		330	ug/L	66	*			70	130	
Benzaldehyde	500		220	ug/L	44				10	137	
Aniline	500		280	ug/L	56				10	130	
Phenol	500		410	ug/L	82				10	130	
bis(2-Chloroethyl)ether	500		470	ug/L	94				29	141	
2-Chlorophenol	500		460	ug/L	92				23	127	
1,2-Dichlorobenzene	500		430	ug/L	86				61	114	
1,3-Dichlorobenzene	500		420	ug/L	84				65	106	
1,4-Dichlorobenzene	500		420	ug/L	84				19	137	
Benzyl Alcohol	500		480	ug/L	96	*			31	94	
2-Methylphenol	500		470	ug/L	94				14	118	
2,2-oxybis(1-Chloropropane)	500		480	ug/L	96				36	141	
Acetophenone	500		440	ug/L	88				31	164	
3+4-Methylphenols	500		450	ug/L	90				12	109	
N-Nitroso-di-n-propylamine	500		460	ug/L	92				36	147	
Hexachloroethane	500		440	ug/L	88				19	149	
Nitrobenzene	500		440	ug/L	88				30	150	
Isophorone	500		470	ug/L	94				39	146	
2-Nitrophenol	500		450	ug/L	90				30	148	
2,4-Dimethylphenol	500		430	ug/L	86				17	143	
bis(2-Chloroethoxy)methane	500		470	ug/L	94				39	143	
2,4-Dichlorophenol	500		430	ug/L	86				22	146	
1,2,4-Trichlorobenzene	500		430	ug/L	86				66	110	
Benzoic acid	500		380	ug/L	76				10	101	
Naphthalene	500		440	ug/L	88				17	157	
4-Chloroaniline	500		120	ug/L	24				10	95	
Hexachlorobutadiene	500		420	ug/L	84				20	150	
Caprolactam	500		410	ug/L	82				10	130	
4-Chloro-3-methylphenol	500		440	ug/L	88				17	148	
2-Methylnaphthalene	500		470	ug/L	94				38	146	
Hexachlorocyclopentadiene	1000		990	ug/L	99				20	153	
2,4,6-Trichlorophenol	500		450	ug/L	90				24	155	
2,4,5-Trichlorophenol	500		480	ug/L	96				26	154	
1,1-Biphenyl	500		420	ug/L	84				38	154	
2-Chloronaphthalene	500		460	ug/L	92				41	145	
2-Nitroaniline	500		520	ug/L	104				39	151	
Dimethylphthalate	500		460	ug/L	92				42	147	
Acenaphthylene	500		460	ug/L	92				40	141	
2,6-Dinitrotoluene	500		500	ug/L	100				43	148	
3-Nitroaniline	500		350	ug/L	70				10	111	
Acenaphthene	500		460	ug/L	92				37	146	
2,4-Dinitrophenol	1000		960	ug/L	96				14	167	
4-Nitrophenol	1000		830	ug/L	83				10	130	
Dibenzofuran	500		490	ug/L	98				41	145	
2,4-Dinitrotoluene	500		500	ug/L	100				41	152	
Diethylphthalate	500		480	ug/L	96				41	148	

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Matrix Spike/Matrix Spike Duplicate Summary
SW-846

SDG No.: BM072117

Client:

Analytical Method: 8270D

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Limits Low	Limits High	Limits RPD
4-Chlorophenyl-phenylether	500		460	ug/L	92				38	149	
Fluorene	500		470	ug/L	94				39	144	
4-Nitroaniline	500		450	ug/L	90				27	138	
4,6-Dinitro-2-methylphenol	500		470	ug/L	94				32	175	
N-Nitrosodiphenylamine	500		470	ug/L	94				40	150	
Azobenzene	500		530	ug/L	106				72	112	
4-Bromophenyl-phenylether	500		470	ug/L	94				42	151	
Hexachlorobenzene	500		440	ug/L	88				33	154	
Atrazine	500		460	ug/L	92				20	162	
Pentachlorophenol	1000		880	ug/L	88				28	171	
Phenanthrene	500		480	ug/L	96				40	147	
Anthracene	500		480	ug/L	96				41	146	
Carbazole	500		450	ug/L	90				37	154	
Di-n-butylphthalate	500		520	ug/L	104				40	151	
Fluoranthene	500		460	ug/L	92				42	146	
Benzidine	1000		56.4	ug/L	6	*			10	130	
Pyrene	500		520	ug/L	104				41	149	
Butylbenzylphthalate	500		530	ug/L	106				39	155	
3,3-Dichlorobenzidine	500		330	ug/L	66				10	114	
Benzo(a)anthracene	500		470	ug/L	94				41	147	
Chrysene	500		460	ug/L	92				44	144	
bis(2-Ethylhexyl)phthalate	500		510	ug/L	102				33	160	
Di-n-octyl phthalate	500		490	ug/L	98				36	158	
Benzo(b)fluoranthene	500		470	ug/L	94				40	150	
Benzo(k)fluoranthene	500		460	ug/L	92				40	147	
Benzo(a)pyrene	500		480	ug/L	96				42	147	
Indeno(1,2,3-cd)pyrene	500		440	ug/L	88				30	166	
Dibenz(a,h)anthracene	500		450	ug/L	90				23	172	
Benzo(g,h,i)perylene	500		470	ug/L	94				27	167	
1,2,4,5-Tetrachlorobenzene	500		430	ug/L	86	*			89	102	
1,4-Dioxane	500		370	ug/L	74				38	130	
2,3,4,6-Tetrachlorophenol	500		510	ug/L	102				91	111	

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Matrix Spike/Matrix Spike Duplicate Summary
SW-846

SDG No.: BM072117

Client:

Analytical Method: 8270D

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Limits Low	Limits High	RPD
Lab Sample ID: I4280-03MSD		**Client Sample ID:** CL-01-071817-AMSD						**DataFile:** BM010942.D			
n-Nitrosodimethylamine	500		380	ug/L	76		5		10	130	20
Pyridine	500		330	ug/L	66	*	0		70	130	20
Benzaldehyde	500		200	ug/L	40		10		10	137	20
Aniline	500		270	ug/L	54		4		10	130	20
Phenol	500		410	ug/L	82		0		10	130	20
bis(2-Chloroethyl)ether	500		450	ug/L	90		4		29	141	20
2-Chlorophenol	500		450	ug/L	90		2		23	127	20
1,2-Dichlorobenzene	500		400	ug/L	80		7		61	114	20
1,3-Dichlorobenzene	500		400	ug/L	80		5		65	106	20
1,4-Dichlorobenzene	500		400	ug/L	80		5		19	137	20
Benzyl Alcohol	500		490	ug/L	98	*	2		31	94	20
2-Methylphenol	500		460	ug/L	92		2		14	118	20
2,2-oxybis(1-Chloropropane)	500		460	ug/L	92		4		36	141	20
Acetophenone	500		450	ug/L	90		2		31	164	20
3+4-Methylphenols	500		450	ug/L	90		0		12	109	20
N-Nitroso-di-n-propylamine	500		450	ug/L	90		2		36	147	20
Hexachloroethane	500		410	ug/L	82		7		19	149	20
Nitrobenzene	500		450	ug/L	90		2		30	150	20
Isophorone	500		480	ug/L	96		2		39	146	20
2-Nitrophenol	500		460	ug/L	92		2		30	148	20
2,4-Dimethylphenol	500		460	ug/L	92		7		17	143	20
bis(2-Chloroethoxy)methane	500		470	ug/L	94		0		39	143	20
2,4-Dichlorophenol	500		460	ug/L	92		7		22	146	20
1,2,4-Trichlorobenzene	500		420	ug/L	84		2		66	110	20
Benzoic acid	500		410	ug/L	82		8		10	101	20
Naphthalene	500		450	ug/L	90		2		17	157	20
4-Chloroaniline	500		120	ug/L	24		0		10	95	20
Hexachlorobutadiene	500		410	ug/L	82		2		20	150	20
Caprolactam	500		410	ug/L	82		0		10	130	20
4-Chloro-3-methylphenol	500		470	ug/L	94		7		17	148	20
2-Methylnaphthalene	500		490	ug/L	98		4		38	146	20
Hexachlorocyclopentadiene	1000		920	ug/L	92		7		20	153	20
2,4,6-Trichlorophenol	500		430	ug/L	86		5		24	155	20
2,4,5-Trichlorophenol	500		470	ug/L	94		2		26	154	20
1,1-Biphenyl	500		410	ug/L	82		2		38	154	20
2-Chloronaphthalene	500		440	ug/L	88		4		41	145	20
2-Nitroaniline	500		490	ug/L	98		6		39	151	20
Dimethylphthalate	500		450	ug/L	90		2		42	147	20
Acenaphthylene	500		450	ug/L	90		2		40	141	20
2,6-Dinitrotoluene	500		480	ug/L	96		4		43	148	20
3-Nitroaniline	500		330	ug/L	66		6		10	111	20
Acenaphthene	500		450	ug/L	90		2		37	146	20
2,4-Dinitrophenol	1000		950	ug/L	95		1		14	167	20
4-Nitrophenol	1000		750	ug/L	75		10		10	130	20
Dibenzofuran	500		470	ug/L	94		4		41	145	20
2,4-Dinitrotoluene	500		470	ug/L	94		6		41	152	20
Diethylphthalate	500		460	ug/L	92		4		41	148	20

CHEMTECH

Matrix Spike/Matrix Spike Duplicate Summary
SW-846

SDG No.: BM072117

Client:

Analytical Method: 8270D

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Limits Low	Limits High	Limits RPD
4-Chlorophenyl-phenylether	500		440	ug/L	88		4		38	149	20
Fluorene	500		450	ug/L	90		4		39	144	20
4-Nitroaniline	500		410	ug/L	82		9		27	138	20
4,6-Dinitro-2-methylphenol	500		460	ug/L	92		2		32	175	20
N-Nitrosodiphenylamine	500		480	ug/L	96		2		40	150	20
Azobenzene	500		510	ug/L	102		4		72	112	20
4-Bromophenyl-phenylether	500		490	ug/L	98		4		42	151	20
Hexachlorobenzene	500		450	ug/L	90		2		33	154	20
Atrazine	500		450	ug/L	90		2		20	162	20
Pentachlorophenol	1000		870	ug/L	87		1		28	171	20
Phenanthrene	500		480	ug/L	96		0		40	147	20
Anthracene	500		480	ug/L	96		0		41	146	20
Carbazole	500		430	ug/L	86		5		37	154	20
Di-n-butylphthalate	500		480	ug/L	96		8		40	151	20
Fluoranthene	500		420	ug/L	84		9		42	146	20
Benzidine	1000		79	ug/L	8	*	29	*	10	130	20
Pyrene	500		570	ug/L	114		9		41	149	20
Butylbenzylphthalate	500		560	ug/L	112		6		39	155	20
3,3-Dichlorobenzidine	500		330	ug/L	66		0		10	114	20
Benzo(a)anthracene	500		470	ug/L	94		0		41	147	20
Chrysene	500		460	ug/L	92		0		44	144	20
bis(2-Ethylhexyl)phthalate	500		520	ug/L	104		2		33	160	20
Di-n-octyl phthalate	500		480	ug/L	96		2		36	158	20
Benzo(b)fluoranthene	500		460	ug/L	92		2		40	150	20
Benzo(k)fluoranthene	500		450	ug/L	90		2		40	147	20
Benzo(a)pyrene	500		470	ug/L	94		2		42	147	20
Indeno(1,2,3-cd)pyrene	500		450	ug/L	90		2		30	166	20
Dibenz(a,h)anthracene	500		460	ug/L	92		2		23	172	20
Benzo(g,h,i)perylene	500		480	ug/L	96		2		27	167	20
1,2,4,5-Tetrachlorobenzene	500		410	ug/L	82	*	5		89	102	20
1,4-Dioxane	500		340	ug/L	68		8		38	130	20
2,3,4,6-Tetrachlorophenol	500		490	ug/L	98		4		91	111	20

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Report of Analysis

Client:				Date Collected:	7/20/2017 12:00:00 AM
Project:				Date Received:	7/20/2017 12:00:00 AM
Client Sample ID:	B-COMB-4			SDG No.:	BM072117
Lab Sample ID:	I4363-03			Matrix:	water
Analytical Method:	8270D			% Moisture:	100
Sample Wt/Vol:	100	Units:	mL	Final Vol:	1000 uL
Soil Aliquot Vol:			uL	Test:	
Extraction Type :			Decanted :	Level :	LOW
Injection Volume :			GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM010939.D	1	7/21/2017 12:00:00 AM	7/21/2017 12:00:00 AM	PB100830

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	2.7	U	2.7	20	100	ug/L
110-86-1	Pyridine	10	U	10	10	100	ug/L
100-52-7	Benzaldehyde	7.7	U	7.7	10	100	ug/L
62-53-3	Aniline	10	U	10	10	100	ug/L
108-95-2	Phenol	2.1	U	2.1	10	100	ug/L
111-44-4	bis(2-Chloroethyl)ether	5.5	U	5.5	10	100	ug/L
95-57-8	2-Chlorophenol	5.4	U	5.4	10	100	ug/L
95-50-1	1,2-Dichlorobenzene	2.6	U	2.6	10	100	ug/L
541-73-1	1,3-Dichlorobenzene	1.3	U	1.3	10	100	ug/L
106-46-7	1,4-Dichlorobenzene	2	U	2	10	100	ug/L
100-51-6	Benzyl Alcohol	3.5	U	3.5	10	100	ug/L
95-48-7	2-Methylphenol	2.4	U	2.4	10	100	ug/L
108-60-1	2,2-oxybis(1-Chloropropane)	1.7	U	1.7	10	100	ug/L
98-86-2	Acetophenone	1.4	U	1.4	10	100	ug/L
65794-96-9	3+4-Methylphenols	3.8	U	3.8	10	100	ug/L
621-64-7	n-Nitroso-di-n-propylamine	2	U	2	10	100	ug/L
67-72-1	Hexachloroethane	2.5	U	2.5	10	100	ug/L
98-95-3	Nitrobenzene	6.8	U	6.8	10	100	ug/L
78-59-1	Isophorone	3	U	3	10	100	ug/L
88-75-5	2-Nitrophenol	5.2	U	5.2	10	100	ug/L
105-67-9	2,4-Dimethylphenol	7.1	U	7.1	10	100	ug/L
111-91-1	bis(2-Chloroethoxy)methane	5.5	U	5.5	10	100	ug/L
120-83-2	2,4-Dichlorophenol	6.6	U	6.6	10	100	ug/L
120-82-1	1,2,4-Trichlorobenzene	1.5	U	1.5	10	100	ug/L
65-85-0	Benzoic acid	20	U	20	80	100	ug/L
91-20-3	Naphthalene	1.2	U	1.2	10	100	ug/L
106-47-8	4-Chloroaniline	10	U	10	10	100	ug/L
87-68-3	Hexachlorobutadiene	2.5	U	2.5	10	100	ug/L
105-60-2	Caprolactam	10	U	10	10	100	ug/L
59-50-7	4-Chloro-3-methylphenol	4	U	4	10	100	ug/L
91-57-6	2-Methylnaphthalene	3.2	U	3.2	10	100	ug/L

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Report of Analysis

Client:				Date Collected:	7/20/2017 12:00:00 AM
Project:				Date Received:	7/20/2017 12:00:00 AM
Client Sample ID:	B-COMB-4			SDG No.:	BM072117
Lab Sample ID:	I4363-03			Matrix:	water
Analytical Method:	8270D			% Moisture:	100
Sample Wt/Vol:	100	Units:	mL	Final Vol:	1000 uL
Soil Aliquot Vol:			uL	Test:	
Extraction Type :			Decanted :	Level :	LOW
Injection Volume :			GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM010939.D	1	7/21/2017 12:00:00 AM	7/21/2017 12:00:00 AM	PB100830

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
77-47-4	Hexachlorocyclopentadiene	2.4	U	2.4	10	100	ug/L
88-06-2	2,4,6-Trichlorophenol	5.6	U	5.6	10	100	ug/L
95-95-4	2,4,5-Trichlorophenol	4	U	4	10	100	ug/L
92-52-4	1,1-Biphenyl	1.5	U	1.5	10	100	ug/L
91-58-7	2-Chloronaphthalene	1.6	U	1.6	10	100	ug/L
88-74-4	2-Nitroaniline	4.9	U	4.9	10	100	ug/L
131-11-3	Dimethylphthalate	2.2	U	2.2	10	100	ug/L
208-96-8	Acenaphthylene	7	U	7	10	100	ug/L
606-20-2	2,6-Dinitrotoluene	3.2	U	3.2	10	100	ug/L
99-09-2	3-Nitroaniline	10	U	10	10	100	ug/L
83-32-9	Acenaphthene	2.1	U	2.1	10	100	ug/L
51-28-5	2,4-Dinitrophenol	21	U	21	80	100	ug/L
100-02-7	4-Nitrophenol	20	U	20	50	100	ug/L
132-64-9	Dibenzofuran	2.4	U	2.4	10	100	ug/L
121-14-2	2,4-Dinitrotoluene	10	U	10	10	100	ug/L
84-66-2	Diethylphthalate	3.8	U	3.8	10	100	ug/L
7005-72-3	4-Chlorophenyl-phenylether	2.1	U	2.1	10	100	ug/L
86-73-7	Fluorene	3.1	U	3.1	10	100	ug/L
100-01-6	4-Nitroaniline	13.6	U	13.6	20	100	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	7.4	U	7.4	20	100	ug/L
86-30-6	n-Nitrosodiphenylamine	6	U	6	10	100	ug/L
103-33-3	Azobenzene	2.2	U	2.2	10	100	ug/L
101-55-3	4-Bromophenyl-phenylether	2.3	U	2.3	10	100	ug/L
118-74-1	Hexachlorobenzene	1.8	U	1.8	10	100	ug/L
1912-24-9	Atrazine	4	U	4	10	100	ug/L
87-86-5	Pentachlorophenol	10	U	10	10	100	ug/L
85-01-8	Phenanthrene	2.6	U	2.6	10	100	ug/L
120-12-7	Anthracene	1.6	U	1.6	10	100	ug/L
86-74-8	Carbazole	2.2	U	2.2	10	100	ug/L
84-74-2	Di-n-butylphthalate	140		10	10	100	ug/L
206-44-0	Fluoranthene	4	U	4	10	100	ug/L
92-87-5	Benzidine	20	U	20	20	100	ug/L
129-00-0	Pyrene	2	U	2	10	100	ug/L

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Report of Analysis

Client:				Date Collected:	7/20/2017 12:00:00 AM
Project:				Date Received:	7/20/2017 12:00:00 AM
Client Sample ID:	B-COMB-4			SDG No.:	BM072117
Lab Sample ID:	I4363-03			Matrix:	water
Analytical Method:	8270D			% Moisture:	100
Sample Wt/Vol:	100	Units:	mL	Final Vol:	1000 uL
Soil Aliquot Vol:			uL	Test:	
Extraction Type :			Decanted :	Level :	LOW
Injection Volume :			GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM010939.D	1	7/21/2017 12:00:00 AM	7/21/2017 12:00:00 AM	PB100830

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
85-68-7	Butylbenzylphthalate	1.9	U	1.9	10	100	ug/L
91-94-1	3,3-Dichlorobenzidine	10	U	10	10	100	ug/L
56-55-3	Benzo(a)anthracene	1.6	U	1.6	10	100	ug/L
218-01-9	Chrysene	1.8	U	1.8	10	100	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	1.6	U	1.6	10	100	ug/L
117-84-0	Di-n-octyl phthalate	5.1	U	5.1	10	100	ug/L
205-99-2	Benzo(b)fluoranthene	2.9	U	2.9	10	100	ug/L
207-08-9	Benzo(k)fluoranthene	1.8	U	1.8	10	100	ug/L
50-32-8	Benzo(a)pyrene	1.4	U	1.4	10	100	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	1.5	U	1.5	10	100	ug/L
53-70-3	Dibenzo(a,h)anthracene	4.2	U	4.2	10	100	ug/L
191-24-2	Benzo(g,h,i)perylene	2.9	U	2.9	10	100	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	2	U	2	10	100	ug/L
123-91-1	1,4-Dioxane	2	U	2	50	100	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	2	U	2	10	100	ug/L
SURROGATES							
367-12-4	2-Fluorophenol	124.19		10-130		83	SPK: -150
13127-88-3	Phenol-d6	51.45		10-130		34	SPK: -150
4165-60-0	Nitrobenzene-d5	94.89		36-131		95	SPK: -100
321-60-8	2-Fluorobiphenyl	295.02	*	39-131		295	SPK: -100
118-79-6	2,4,6-Tribromophenol	471.24	*	25-155		314	SPK: -150
1718-51-0	Terphenyl-d14	573.93	*	23-130		574	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	273237	7.43				
1146-65-2	Naphthalene-d8	975318	10.19				
15067-26-2	Acenaphthene-d10	201821	14.08				
1517-22-2	Phenanthrene-d10	830215	16.83				
1719-03-5	Chrysene-d12	100550	21.05				
1520-96-3	Perylene-d12	16419	23.17				

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Report of Analysis

Client:				Date Collected:	7/18/2017 12:00:00 AM
Project:				Date Received:	7/18/2017 12:00:00 AM
Client Sample ID:	CL-01-071817-A			SDG No.:	BM072117
Lab Sample ID:	I4280-03			Matrix:	water
Analytical Method:	8270D			% Moisture:	100
Sample Wt/Vol:	100	Units:	mL	Final Vol:	1000 uL
Soil Aliquot Vol:			uL	Test:	
Extraction Type :			Decanted :	Level :	LOW
Injection Volume :			GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM010940.D	1	7/21/2017 12:00:00 AM	7/21/2017 12:00:00 AM	PB100830

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	2.7	U	2.7	20	100	ug/L
110-86-1	Pyridine	10	U	10	10	100	ug/L
100-52-7	Benzaldehyde	7.7	U	7.7	10	100	ug/L
62-53-3	Aniline	10	U	10	10	100	ug/L
108-95-2	Phenol	2.1	U	2.1	10	100	ug/L
111-44-4	bis(2-Chloroethyl)ether	5.5	U	5.5	10	100	ug/L
95-57-8	2-Chlorophenol	5.4	U	5.4	10	100	ug/L
95-50-1	1,2-Dichlorobenzene	2.6	U	2.6	10	100	ug/L
541-73-1	1,3-Dichlorobenzene	1.3	U	1.3	10	100	ug/L
106-46-7	1,4-Dichlorobenzene	2	U	2	10	100	ug/L
100-51-6	Benzyl Alcohol	3.5	U	3.5	10	100	ug/L
95-48-7	2-Methylphenol	2.4	U	2.4	10	100	ug/L
108-60-1	2,2-oxybis(1-Chloropropane)	1.7	U	1.7	10	100	ug/L
98-86-2	Acetophenone	1.4	U	1.4	10	100	ug/L
65794-96-9	3+4-Methylphenols	3.8	U	3.8	10	100	ug/L
621-64-7	n-Nitroso-di-n-propylamine	2	U	2	10	100	ug/L
67-72-1	Hexachloroethane	2.5	U	2.5	10	100	ug/L
98-95-3	Nitrobenzene	6.8	U	6.8	10	100	ug/L
78-59-1	Isophorone	3	U	3	10	100	ug/L
88-75-5	2-Nitrophenol	5.2	U	5.2	10	100	ug/L
105-67-9	2,4-Dimethylphenol	7.1	U	7.1	10	100	ug/L
111-91-1	bis(2-Chloroethoxy)methane	5.5	U	5.5	10	100	ug/L
120-83-2	2,4-Dichlorophenol	6.6	U	6.6	10	100	ug/L
120-82-1	1,2,4-Trichlorobenzene	1.5	U	1.5	10	100	ug/L
65-85-0	Benzoic acid	20	U	20	80	100	ug/L
91-20-3	Naphthalene	1.2	U	1.2	10	100	ug/L
106-47-8	4-Chloroaniline	10	U	10	10	100	ug/L
87-68-3	Hexachlorobutadiene	2.5	U	2.5	10	100	ug/L
105-60-2	Caprolactam	10	U	10	10	100	ug/L
59-50-7	4-Chloro-3-methylphenol	4	U	4	10	100	ug/L
91-57-6	2-Methylnaphthalene	3.2	U	3.2	10	100	ug/L

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Report of Analysis

Client:				Date Collected:	7/18/2017 12:00:00 AM
Project:				Date Received:	7/18/2017 12:00:00 AM
Client Sample ID:	CL-01-071817-A			SDG No.:	BM072117
Lab Sample ID:	I4280-03			Matrix:	water
Analytical Method:	8270D			% Moisture:	100
Sample Wt/Vol:	100	Units:	mL	Final Vol:	1000 uL
Soil Aliquot Vol:			uL	Test:	
Extraction Type :			Decanted :	Level :	LOW
Injection Volume :			GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM010940.D	1	7/21/2017 12:00:00 AM	7/21/2017 12:00:00 AM	PB100830

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
77-47-4	Hexachlorocyclopentadiene	2.4	U	2.4	10	100	ug/L
88-06-2	2,4,6-Trichlorophenol	5.6	U	5.6	10	100	ug/L
95-95-4	2,4,5-Trichlorophenol	4	U	4	10	100	ug/L
92-52-4	1,1-Biphenyl	1.5	U	1.5	10	100	ug/L
91-58-7	2-Chloronaphthalene	1.6	U	1.6	10	100	ug/L
88-74-4	2-Nitroaniline	4.9	U	4.9	10	100	ug/L
131-11-3	Dimethylphthalate	2.2	U	2.2	10	100	ug/L
208-96-8	Acenaphthylene	7	U	7	10	100	ug/L
606-20-2	2,6-Dinitrotoluene	3.2	U	3.2	10	100	ug/L
99-09-2	3-Nitroaniline	10	U	10	10	100	ug/L
83-32-9	Acenaphthene	2.1	U	2.1	10	100	ug/L
51-28-5	2,4-Dinitrophenol	21	U	21	80	100	ug/L
100-02-7	4-Nitrophenol	20	U	20	50	100	ug/L
132-64-9	Dibenzofuran	2.4	U	2.4	10	100	ug/L
121-14-2	2,4-Dinitrotoluene	10	U	10	10	100	ug/L
84-66-2	Diethylphthalate	3.8	U	3.8	10	100	ug/L
7005-72-3	4-Chlorophenyl-phenylether	2.1	U	2.1	10	100	ug/L
86-73-7	Fluorene	3.1	U	3.1	10	100	ug/L
100-01-6	4-Nitroaniline	13.6	U	13.6	20	100	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	7.4	U	7.4	20	100	ug/L
86-30-6	n-Nitrosodiphenylamine	6	U	6	10	100	ug/L
103-33-3	Azobenzene	2.2	U	2.2	10	100	ug/L
101-55-3	4-Bromophenyl-phenylether	2.3	U	2.3	10	100	ug/L
118-74-1	Hexachlorobenzene	1.8	U	1.8	10	100	ug/L
1912-24-9	Atrazine	4	U	4	10	100	ug/L
87-86-5	Pentachlorophenol	10	U	10	10	100	ug/L
85-01-8	Phenanthrene	2.6	U	2.6	10	100	ug/L
120-12-7	Anthracene	1.6	U	1.6	10	100	ug/L
86-74-8	Carbazole	2.2	U	2.2	10	100	ug/L
84-74-2	Di-n-butylphthalate	31	J	10	10	100	ug/L
206-44-0	Fluoranthene	4	U	4	10	100	ug/L
92-87-5	Benzidine	20	U	20	20	100	ug/L
129-00-0	Pyrene	2	U	2	10	100	ug/L

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Report of Analysis

Client:				Date Collected:	7/18/2017 12:00:00 AM
Project:				Date Received:	7/18/2017 12:00:00 AM
Client Sample ID:	CL-01-071817-A			SDG No.:	BM072117
Lab Sample ID:	I4280-03			Matrix:	water
Analytical Method:	8270D			% Moisture:	100
Sample Wt/Vol:	100	Units:	mL	Final Vol:	1000 uL
Soil Aliquot Vol:			uL	Test:	
Extraction Type :			Decanted :	Level :	LOW
Injection Volume :			GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM010940.D	1	7/21/2017 12:00:00 AM	7/21/2017 12:00:00 AM	PB100830

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
85-68-7	Butylbenzylphthalate	1.9	U	1.9	10	100	ug/L
91-94-1	3,3-Dichlorobenzidine	10	U	10	10	100	ug/L
56-55-3	Benzo(a)anthracene	1.6	U	1.6	10	100	ug/L
218-01-9	Chrysene	1.8	U	1.8	10	100	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	1.6	U	1.6	10	100	ug/L
117-84-0	Di-n-octyl phthalate	5.1	U	5.1	10	100	ug/L
205-99-2	Benzo(b)fluoranthene	2.9	U	2.9	10	100	ug/L
207-08-9	Benzo(k)fluoranthene	1.8	U	1.8	10	100	ug/L
50-32-8	Benzo(a)pyrene	1.4	U	1.4	10	100	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	1.5	U	1.5	10	100	ug/L
53-70-3	Dibenzo(a,h)anthracene	4.2	U	4.2	10	100	ug/L
191-24-2	Benzo(g,h,i)perylene	2.9	U	2.9	10	100	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	2	U	2	10	100	ug/L
123-91-1	1,4-Dioxane	2	U	2	50	100	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	2	U	2	10	100	ug/L
SURROGATES							
367-12-4	2-Fluorophenol	129.32		10-130		86	SPK: -150
13127-88-3	Phenol-d6	115.94		10-130		77	SPK: -150
4165-60-0	Nitrobenzene-d5	89.29		36-131		89	SPK: -100
321-60-8	2-Fluorobiphenyl	87.62		39-131		88	SPK: -100
118-79-6	2,4,6-Tribromophenol	162.12		25-155		108	SPK: -150
1718-51-0	Terphenyl-d14	83.56		23-130		84	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	271964	7.43				
1146-65-2	Naphthalene-d8	1030557	10.19				
15067-26-2	Acenaphthene-d10	670390	14.08				
1517-22-2	Phenanthrene-d10	1850677	16.83				
1719-03-5	Chrysene-d12	2198080	21.05				
1520-96-3	Perylene-d12	1075915	23.17				

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Report of Analysis

Client:				Date Collected:	7/18/2017 12:00:00 AM
Project:				Date Received:	7/18/2017 12:00:00 AM
Client Sample ID:	CL-01-071817-AMS			SDG No.:	BM072117
Lab Sample ID:	I4280-03MS			Matrix:	water
Analytical Method:	8270D			% Moisture:	100
Sample Wt/Vol:	100	Units:	mL	Final Vol:	1000 uL
Soil Aliquot Vol:			uL	Test:	
Extraction Type :			Decanted :	Level :	LOW
Injection Volume :			GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM010941.D	1	7/21/2017 12:00:00 AM	7/21/2017 12:00:00 AM	PB100830

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	400		2.7	20	100	ug/L
110-86-1	Pyridine	330		10	10	100	ug/L
100-52-7	Benzaldehyde	220		7.7	10	100	ug/L
62-53-3	Aniline	280		10	10	100	ug/L
108-95-2	Phenol	410		2.1	10	100	ug/L
111-44-4	bis(2-Chloroethyl)ether	470		5.5	10	100	ug/L
95-57-8	2-Chlorophenol	460		5.4	10	100	ug/L
95-50-1	1,2-Dichlorobenzene	430		2.6	10	100	ug/L
541-73-1	1,3-Dichlorobenzene	420		1.3	10	100	ug/L
106-46-7	1,4-Dichlorobenzene	420		2	10	100	ug/L
100-51-6	Benzyl Alcohol	480		3.5	10	100	ug/L
95-48-7	2-Methylphenol	470		2.4	10	100	ug/L
108-60-1	2,2-oxybis(1-Chloropropane)	480		1.7	10	100	ug/L
98-86-2	Acetophenone	440		1.4	10	100	ug/L
65794-96-9	3+4-Methylphenols	450		3.8	10	100	ug/L
621-64-7	n-Nitroso-di-n-propylamine	460		2	10	100	ug/L
67-72-1	Hexachloroethane	440		2.5	10	100	ug/L
98-95-3	Nitrobenzene	440		6.8	10	100	ug/L
78-59-1	Isophorone	470		3	10	100	ug/L
88-75-5	2-Nitrophenol	450		5.2	10	100	ug/L
105-67-9	2,4-Dimethylphenol	430		7.1	10	100	ug/L
111-91-1	bis(2-Chloroethoxy)methane	470		5.5	10	100	ug/L
120-83-2	2,4-Dichlorophenol	430		6.6	10	100	ug/L
120-82-1	1,2,4-Trichlorobenzene	430		1.5	10	100	ug/L
65-85-0	Benzoic acid	380		20	80	100	ug/L
91-20-3	Naphthalene	440		1.2	10	100	ug/L
106-47-8	4-Chloroaniline	120		10	10	100	ug/L
87-68-3	Hexachlorobutadiene	420		2.5	10	100	ug/L
105-60-2	Caprolactam	410		10	10	100	ug/L
59-50-7	4-Chloro-3-methylphenol	440		4	10	100	ug/L
91-57-6	2-Methylnaphthalene	470		3.2	10	100	ug/L

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Report of Analysis

Client:		Date Collected:	7/18/2017 12:00:00 AM
Project:		Date Received:	7/18/2017 12:00:00 AM
Client Sample ID:	CL-01-071817-AMS	SDG No.:	BM072117
Lab Sample ID:	I4280-03MS	Matrix:	water
Analytical Method:	8270D	% Moisture:	100
Sample Wt/Vol:	100 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM010941.D	1	7/21/2017 12:00:00 AM	7/21/2017 12:00:00 AM	PB100830

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
77-47-4	Hexachlorocyclopentadiene	990	E	2.4	10	100	ug/L
88-06-2	2,4,6-Trichlorophenol	450		5.6	10	100	ug/L
95-95-4	2,4,5-Trichlorophenol	480		4	10	100	ug/L
92-52-4	1,1-Biphenyl	420		1.5	10	100	ug/L
91-58-7	2-Chloronaphthalene	460		1.6	10	100	ug/L
88-74-4	2-Nitroaniline	520		4.9	10	100	ug/L
131-11-3	Dimethylphthalate	460		2.2	10	100	ug/L
208-96-8	Acenaphthylene	460		7	10	100	ug/L
606-20-2	2,6-Dinitrotoluene	500		3.2	10	100	ug/L
99-09-2	3-Nitroaniline	350		10	10	100	ug/L
83-32-9	Acenaphthene	460		2.1	10	100	ug/L
51-28-5	2,4-Dinitrophenol	960	E	21	80	100	ug/L
100-02-7	4-Nitrophenol	830	E	20	50	100	ug/L
132-64-9	Dibenzofuran	490		2.4	10	100	ug/L
121-14-2	2,4-Dinitrotoluene	500		10	10	100	ug/L
84-66-2	Diethylphthalate	480		3.8	10	100	ug/L
7005-72-3	4-Chlorophenyl-phenylether	460		2.1	10	100	ug/L
86-73-7	Fluorene	470		3.1	10	100	ug/L
100-01-6	4-Nitroaniline	450		13.6	20	100	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	470		7.4	20	100	ug/L
86-30-6	n-Nitrosodiphenylamine	470		6	10	100	ug/L
103-33-3	Azobenzene	530		2.2	10	100	ug/L
101-55-3	4-Bromophenyl-phenylether	470		2.3	10	100	ug/L
118-74-1	Hexachlorobenzene	440		1.8	10	100	ug/L
1912-24-9	Atrazine	460		4	10	100	ug/L
87-86-5	Pentachlorophenol	880	E	10	10	100	ug/L
85-01-8	Phenanthrene	480		2.6	10	100	ug/L
120-12-7	Anthracene	480		1.6	10	100	ug/L
86-74-8	Carbazole	450		2.2	10	100	ug/L
84-74-2	Di-n-butylphthalate	520		10	10	100	ug/L
206-44-0	Fluoranthene	460		4	10	100	ug/L
92-87-5	Benzidine	56.4	J	20	20	100	ug/L
129-00-0	Pyrene	520		2	10	100	ug/L

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Report of Analysis

Client:				Date Collected:	7/18/2017 12:00:00 AM
Project:				Date Received:	7/18/2017 12:00:00 AM
Client Sample ID:	CL-01-071817-AMS			SDG No.:	BM072117
Lab Sample ID:	I4280-03MS			Matrix:	water
Analytical Method:	8270D			% Moisture:	100
Sample Wt/Vol:	100	Units:	mL	Final Vol:	1000 uL
Soil Aliquot Vol:			uL	Test:	
Extraction Type :			Decanted :	Level :	LOW
Injection Volume :			GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM010941.D	1	7/21/2017 12:00:00 AM	7/21/2017 12:00:00 AM	PB100830

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
85-68-7	Butylbenzylphthalate	530		1.9	10	100	ug/L
91-94-1	3,3-Dichlorobenzidine	330		10	10	100	ug/L
56-55-3	Benzo(a)anthracene	470		1.6	10	100	ug/L
218-01-9	Chrysene	460		1.8	10	100	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	510		1.6	10	100	ug/L
117-84-0	Di-n-octyl phthalate	490		5.1	10	100	ug/L
205-99-2	Benzo(b)fluoranthene	470		2.9	10	100	ug/L
207-08-9	Benzo(k)fluoranthene	460		1.8	10	100	ug/L
50-32-8	Benzo(a)pyrene	480		1.4	10	100	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	440		1.5	10	100	ug/L
53-70-3	Dibenzo(a,h)anthracene	450		4.2	10	100	ug/L
191-24-2	Benzo(g,h,i)perylene	470		2.9	10	100	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	430		2	10	100	ug/L
123-91-1	1,4-Dioxane	370		2	50	100	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	510		2	10	100	ug/L
SURROGATES							
367-12-4	2-Fluorophenol	135.08		10-130		90	SPK: -150
13127-88-3	Phenol-d6	123.63		10-130		82	SPK: -150
4165-60-0	Nitrobenzene-d5	88.39		36-131		88	SPK: -100
321-60-8	2-Fluorobiphenyl	89.78		39-131		90	SPK: -100
118-79-6	2,4,6-Tribromophenol	146.05		25-155		97	SPK: -150
1718-51-0	Terphenyl-d14	87.18		23-130		87	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	253156	7.43				
1146-65-2	Naphthalene-d8	1009441	10.19				
15067-26-2	Acenaphthene-d10	646490	14.08				
1517-22-2	Phenanthrene-d10	1570268	16.83				
1719-03-5	Chrysene-d12	1546651	21.06				
1520-96-3	Perylene-d12	1385486	23.18				

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Report of Analysis

Client:				Date Collected:	7/18/2017 12:00:00 AM
Project:				Date Received:	7/18/2017 12:00:00 AM
Client Sample ID:	CL-01-071817-AMSD			SDG No.:	BM072117
Lab Sample ID:	I4280-03MSD			Matrix:	water
Analytical Method:	8270D			% Moisture:	100
Sample Wt/Vol:	100	Units:	mL	Final Vol:	1000 uL
Soil Aliquot Vol:			uL	Test:	
Extraction Type :			Decanted :	Level :	LOW
Injection Volume :			GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM010942.D	1	7/21/2017 12:00:00 AM	7/21/2017 12:00:00 AM	PB100830

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	380		2.7	20	100	ug/L
110-86-1	Pyridine	330		10	10	100	ug/L
100-52-7	Benzaldehyde	200		7.7	10	100	ug/L
62-53-3	Aniline	270		10	10	100	ug/L
108-95-2	Phenol	410		2.1	10	100	ug/L
111-44-4	bis(2-Chloroethyl)ether	450		5.5	10	100	ug/L
95-57-8	2-Chlorophenol	450		5.4	10	100	ug/L
95-50-1	1,2-Dichlorobenzene	400		2.6	10	100	ug/L
541-73-1	1,3-Dichlorobenzene	400		1.3	10	100	ug/L
106-46-7	1,4-Dichlorobenzene	400		2	10	100	ug/L
100-51-6	Benzyl Alcohol	490		3.5	10	100	ug/L
95-48-7	2-Methylphenol	460		2.4	10	100	ug/L
108-60-1	2,2-oxybis(1-Chloropropane)	460		1.7	10	100	ug/L
98-86-2	Acetophenone	450		1.4	10	100	ug/L
65794-96-9	3+4-Methylphenols	450		3.8	10	100	ug/L
621-64-7	n-Nitroso-di-n-propylamine	450		2	10	100	ug/L
67-72-1	Hexachloroethane	410		2.5	10	100	ug/L
98-95-3	Nitrobenzene	450		6.8	10	100	ug/L
78-59-1	Isophorone	480		3	10	100	ug/L
88-75-5	2-Nitrophenol	460		5.2	10	100	ug/L
105-67-9	2,4-Dimethylphenol	460		7.1	10	100	ug/L
111-91-1	bis(2-Chloroethoxy)methane	470		5.5	10	100	ug/L
120-83-2	2,4-Dichlorophenol	460		6.6	10	100	ug/L
120-82-1	1,2,4-Trichlorobenzene	420		1.5	10	100	ug/L
65-85-0	Benzoic acid	410		20	80	100	ug/L
91-20-3	Naphthalene	450		1.2	10	100	ug/L
106-47-8	4-Chloroaniline	120		10	10	100	ug/L
87-68-3	Hexachlorobutadiene	410		2.5	10	100	ug/L
105-60-2	Caprolactam	410		10	10	100	ug/L
59-50-7	4-Chloro-3-methylphenol	470		4	10	100	ug/L
91-57-6	2-Methylnaphthalene	490		3.2	10	100	ug/L

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Report of Analysis

Client:				Date Collected:	7/18/2017 12:00:00 AM
Project:				Date Received:	7/18/2017 12:00:00 AM
Client Sample ID:	CL-01-071817-AMSD			SDG No.:	BM072117
Lab Sample ID:	I4280-03MSD			Matrix:	water
Analytical Method:	8270D			% Moisture:	100
Sample Wt/Vol:	100	Units:	mL	Final Vol:	1000 uL
Soil Aliquot Vol:			uL	Test:	
Extraction Type :			Decanted :	Level :	LOW
Injection Volume :			GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM010942.D	1	7/21/2017 12:00:00 AM	7/21/2017 12:00:00 AM	PB100830

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
77-47-4	Hexachlorocyclopentadiene	920	E	2.4	10	100	ug/L
88-06-2	2,4,6-Trichlorophenol	430		5.6	10	100	ug/L
95-95-4	2,4,5-Trichlorophenol	470		4	10	100	ug/L
92-52-4	1,1-Biphenyl	410		1.5	10	100	ug/L
91-58-7	2-Chloronaphthalene	440		1.6	10	100	ug/L
88-74-4	2-Nitroaniline	490		4.9	10	100	ug/L
131-11-3	Dimethylphthalate	450		2.2	10	100	ug/L
208-96-8	Acenaphthylene	450		7	10	100	ug/L
606-20-2	2,6-Dinitrotoluene	480		3.2	10	100	ug/L
99-09-2	3-Nitroaniline	330		10	10	100	ug/L
83-32-9	Acenaphthene	450		2.1	10	100	ug/L
51-28-5	2,4-Dinitrophenol	950	E	21	80	100	ug/L
100-02-7	4-Nitrophenol	750		20	50	100	ug/L
132-64-9	Dibenzofuran	470		2.4	10	100	ug/L
121-14-2	2,4-Dinitrotoluene	470		10	10	100	ug/L
84-66-2	Diethylphthalate	460		3.8	10	100	ug/L
7005-72-3	4-Chlorophenyl-phenylether	440		2.1	10	100	ug/L
86-73-7	Fluorene	450		3.1	10	100	ug/L
100-01-6	4-Nitroaniline	410		13.6	20	100	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	460		7.4	20	100	ug/L
86-30-6	n-Nitrosodiphenylamine	480		6	10	100	ug/L
103-33-3	Azobenzene	510		2.2	10	100	ug/L
101-55-3	4-Bromophenyl-phenylether	490		2.3	10	100	ug/L
118-74-1	Hexachlorobenzene	450		1.8	10	100	ug/L
1912-24-9	Atrazine	450		4	10	100	ug/L
87-86-5	Pentachlorophenol	870	E	10	10	100	ug/L
85-01-8	Phenanthrene	480		2.6	10	100	ug/L
120-12-7	Anthracene	480		1.6	10	100	ug/L
86-74-8	Carbazole	430		2.2	10	100	ug/L
84-74-2	Di-n-butylphthalate	480		10	10	100	ug/L
206-44-0	Fluoranthene	420		4	10	100	ug/L
92-87-5	Benzidine	79	J	20	20	100	ug/L
129-00-0	Pyrene	570		2	10	100	ug/L

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Report of Analysis

Client:				Date Collected:	7/18/2017 12:00:00 AM
Project:				Date Received:	7/18/2017 12:00:00 AM
Client Sample ID:	CL-01-071817-AMSD			SDG No.:	BM072117
Lab Sample ID:	I4280-03MSD			Matrix:	water
Analytical Method:	8270D			% Moisture:	100
Sample Wt/Vol:	100	Units:	mL	Final Vol:	1000 uL
Soil Aliquot Vol:			uL	Test:	
Extraction Type :			Decanted :	Level :	LOW
Injection Volume :			GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM010942.D	1	7/21/2017 12:00:00 AM	7/21/2017 12:00:00 AM	PB100830

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
85-68-7	Butylbenzylphthalate	560		1.9	10	100	ug/L
91-94-1	3,3-Dichlorobenzidine	330		10	10	100	ug/L
56-55-3	Benzo(a)anthracene	470		1.6	10	100	ug/L
218-01-9	Chrysene	460		1.8	10	100	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	520		1.6	10	100	ug/L
117-84-0	Di-n-octyl phthalate	480		5.1	10	100	ug/L
205-99-2	Benzo(b)fluoranthene	460		2.9	10	100	ug/L
207-08-9	Benzo(k)fluoranthene	450		1.8	10	100	ug/L
50-32-8	Benzo(a)pyrene	470		1.4	10	100	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	450		1.5	10	100	ug/L
53-70-3	Dibenzo(a,h)anthracene	460		4.2	10	100	ug/L
191-24-2	Benzo(g,h,i)perylene	480		2.9	10	100	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	410		2	10	100	ug/L
123-91-1	1,4-Dioxane	340		2	50	100	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	490		2	10	100	ug/L
SURROGATES							
367-12-4	2-Fluorophenol	131.52		10-130		88	SPK: -150
13127-88-3	Phenol-d6	122.6		10-130		82	SPK: -150
4165-60-0	Nitrobenzene-d5	89.53		36-131		90	SPK: -100
321-60-8	2-Fluorobiphenyl	86.05		39-131		86	SPK: -100
118-79-6	2,4,6-Tribromophenol	139.6		25-155		93	SPK: -150
1718-51-0	Terphenyl-d14	94.54		23-130		95	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	299158	7.43				
1146-65-2	Naphthalene-d8	1154117	10.19				
15067-26-2	Acenaphthene-d10	799669	14.08				
1517-22-2	Phenanthrene-d10	1815923	16.83				
1719-03-5	Chrysene-d12	1486632	21.06				
1520-96-3	Perylene-d12	1337153	23.18				

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Report of Analysis

Client:				Date Collected:	7/18/2017 12:00:00 AM
Project:				Date Received:	7/18/2017 12:00:00 AM
Client Sample ID:	CL-01-071817-B			SDG No.:	BM072117
Lab Sample ID:	I4280-06			Matrix:	water
Analytical Method:	8270D			% Moisture:	100
Sample Wt/Vol:	100	Units:	mL	Final Vol:	1000 uL
Soil Aliquot Vol:			uL	Test:	
Extraction Type :			Decanted :	Level :	LOW
Injection Volume :			GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM010943.D	1	7/21/2017 12:00:00 AM	7/21/2017 12:00:00 AM	PB100830

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	2.7	U	2.7	20	100	ug/L
110-86-1	Pyridine	10	U	10	10	100	ug/L
100-52-7	Benzaldehyde	7.7	U	7.7	10	100	ug/L
62-53-3	Aniline	10	U	10	10	100	ug/L
108-95-2	Phenol	2.1	U	2.1	10	100	ug/L
111-44-4	bis(2-Chloroethyl)ether	5.5	U	5.5	10	100	ug/L
95-57-8	2-Chlorophenol	5.4	U	5.4	10	100	ug/L
95-50-1	1,2-Dichlorobenzene	2.6	U	2.6	10	100	ug/L
541-73-1	1,3-Dichlorobenzene	1.3	U	1.3	10	100	ug/L
106-46-7	1,4-Dichlorobenzene	2	U	2	10	100	ug/L
100-51-6	Benzyl Alcohol	3.5	U	3.5	10	100	ug/L
95-48-7	2-Methylphenol	2.4	U	2.4	10	100	ug/L
108-60-1	2,2-oxybis(1-Chloropropane)	1.7	U	1.7	10	100	ug/L
98-86-2	Acetophenone	1.4	U	1.4	10	100	ug/L
65794-96-9	3+4-Methylphenols	3.8	U	3.8	10	100	ug/L
621-64-7	n-Nitroso-di-n-propylamine	2	U	2	10	100	ug/L
67-72-1	Hexachloroethane	2.5	U	2.5	10	100	ug/L
98-95-3	Nitrobenzene	6.8	U	6.8	10	100	ug/L
78-59-1	Isophorone	3	U	3	10	100	ug/L
88-75-5	2-Nitrophenol	5.2	U	5.2	10	100	ug/L
105-67-9	2,4-Dimethylphenol	7.1	U	7.1	10	100	ug/L
111-91-1	bis(2-Chloroethoxy)methane	5.5	U	5.5	10	100	ug/L
120-83-2	2,4-Dichlorophenol	6.6	U	6.6	10	100	ug/L
120-82-1	1,2,4-Trichlorobenzene	1.5	U	1.5	10	100	ug/L
65-85-0	Benzoic acid	20	U	20	80	100	ug/L
91-20-3	Naphthalene	23.1	J	1.2	10	100	ug/L
106-47-8	4-Chloroaniline	10	U	10	10	100	ug/L
87-68-3	Hexachlorobutadiene	2.5	U	2.5	10	100	ug/L
105-60-2	Caprolactam	10	U	10	10	100	ug/L
59-50-7	4-Chloro-3-methylphenol	4	U	4	10	100	ug/L
91-57-6	2-Methylnaphthalene	3.2	U	3.2	10	100	ug/L

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Report of Analysis

Client:				Date Collected:	7/18/2017 12:00:00 AM
Project:				Date Received:	7/18/2017 12:00:00 AM
Client Sample ID:	CL-01-071817-B			SDG No.:	BM072117
Lab Sample ID:	I4280-06			Matrix:	water
Analytical Method:	8270D			% Moisture:	100
Sample Wt/Vol:	100	Units:	mL	Final Vol:	1000 uL
Soil Aliquot Vol:			uL	Test:	
Extraction Type :			Decanted :	Level :	LOW
Injection Volume :			GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM010943.D	1	7/21/2017 12:00:00 AM	7/21/2017 12:00:00 AM	PB100830

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
77-47-4	Hexachlorocyclopentadiene	2.4	U	2.4	10	100	ug/L
88-06-2	2,4,6-Trichlorophenol	5.6	U	5.6	10	100	ug/L
95-95-4	2,4,5-Trichlorophenol	4	U	4	10	100	ug/L
92-52-4	1,1-Biphenyl	1.5	U	1.5	10	100	ug/L
91-58-7	2-Chloronaphthalene	1.6	U	1.6	10	100	ug/L
88-74-4	2-Nitroaniline	4.9	U	4.9	10	100	ug/L
131-11-3	Dimethylphthalate	2.2	U	2.2	10	100	ug/L
208-96-8	Acenaphthylene	7	U	7	10	100	ug/L
606-20-2	2,6-Dinitrotoluene	3.2	U	3.2	10	100	ug/L
99-09-2	3-Nitroaniline	10	U	10	10	100	ug/L
83-32-9	Acenaphthene	2.1	U	2.1	10	100	ug/L
51-28-5	2,4-Dinitrophenol	21	U	21	80	100	ug/L
100-02-7	4-Nitrophenol	20	U	20	50	100	ug/L
132-64-9	Dibenzofuran	2.4	U	2.4	10	100	ug/L
121-14-2	2,4-Dinitrotoluene	10	U	10	10	100	ug/L
84-66-2	Diethylphthalate	3.8	U	3.8	10	100	ug/L
7005-72-3	4-Chlorophenyl-phenylether	2.1	U	2.1	10	100	ug/L
86-73-7	Fluorene	3.1	U	3.1	10	100	ug/L
100-01-6	4-Nitroaniline	13.6	U	13.6	20	100	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	7.4	U	7.4	20	100	ug/L
86-30-6	n-Nitrosodiphenylamine	6	U	6	10	100	ug/L
103-33-3	Azobenzene	2.2	U	2.2	10	100	ug/L
101-55-3	4-Bromophenyl-phenylether	2.3	U	2.3	10	100	ug/L
118-74-1	Hexachlorobenzene	1.8	U	1.8	10	100	ug/L
1912-24-9	Atrazine	4	U	4	10	100	ug/L
87-86-5	Pentachlorophenol	10	U	10	10	100	ug/L
85-01-8	Phenanthrene	2.6	U	2.6	10	100	ug/L
120-12-7	Anthracene	1.6	U	1.6	10	100	ug/L
86-74-8	Carbazole	2.2	U	2.2	10	100	ug/L
84-74-2	Di-n-butylphthalate	10	U	10	10	100	ug/L
206-44-0	Fluoranthene	4	U	4	10	100	ug/L
92-87-5	Benzidine	20	U	20	20	100	ug/L
129-00-0	Pyrene	2	U	2	10	100	ug/L

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Report of Analysis

Client:				Date Collected:	7/18/2017 12:00:00 AM
Project:				Date Received:	7/18/2017 12:00:00 AM
Client Sample ID:	CL-01-071817-B			SDG No.:	BM072117
Lab Sample ID:	I4280-06			Matrix:	water
Analytical Method:	8270D			% Moisture:	100
Sample Wt/Vol:	100	Units:	mL	Final Vol:	1000 uL
Soil Aliquot Vol:			uL	Test:	
Extraction Type :			Decanted :	Level :	LOW
Injection Volume :			GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM010943.D	1	7/21/2017 12:00:00 AM	7/21/2017 12:00:00 AM	PB100830

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
85-68-7	Butylbenzylphthalate	1.9	U	1.9	10	100	ug/L
91-94-1	3,3-Dichlorobenzidine	10	U	10	10	100	ug/L
56-55-3	Benzo(a)anthracene	1.6	U	1.6	10	100	ug/L
218-01-9	Chrysene	1.8	U	1.8	10	100	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	1.6	U	1.6	10	100	ug/L
117-84-0	Di-n-octyl phthalate	5.1	U	5.1	10	100	ug/L
205-99-2	Benzo(b)fluoranthene	2.9	U	2.9	10	100	ug/L
207-08-9	Benzo(k)fluoranthene	1.8	U	1.8	10	100	ug/L
50-32-8	Benzo(a)pyrene	1.4	U	1.4	10	100	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	1.5	U	1.5	10	100	ug/L
53-70-3	Dibenzo(a,h)anthracene	4.2	U	4.2	10	100	ug/L
191-24-2	Benzo(g,h,i)perylene	2.9	U	2.9	10	100	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	2	U	2	10	100	ug/L
123-91-1	1,4-Dioxane	2	U	2	50	100	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	2	U	2	10	100	ug/L
SURROGATES							
367-12-4	2-Fluorophenol	119.35		10-130		80	SPK: -150
13127-88-3	Phenol-d6	104.18		10-130		69	SPK: -150
4165-60-0	Nitrobenzene-d5	84.73		36-131		85	SPK: -100
321-60-8	2-Fluorobiphenyl	82.16		39-131		82	SPK: -100
118-79-6	2,4,6-Tribromophenol	136.91		25-155		91	SPK: -150
1718-51-0	Terphenyl-d14	82.08		23-130		82	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	281306	7.43				
1146-65-2	Naphthalene-d8	1046316	10.18				
15067-26-2	Acenaphthene-d10	676906	14.07				
1517-22-2	Phenanthrene-d10	1606992	16.83				
1719-03-5	Chrysene-d12	1618135	21.05				
1520-96-3	Perylene-d12	1385391	23.18				

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Report of Analysis

Client:				Date Collected:	7/18/2017 12:00:00 AM
Project:				Date Received:	7/18/2017 12:00:00 AM
Client Sample ID:	CL-01-071817-C			SDG No.:	BM072117
Lab Sample ID:	I4280-09			Matrix:	water
Analytical Method:	8270D			% Moisture:	100
Sample Wt/Vol:	100	Units:	mL	Final Vol:	1000 uL
Soil Aliquot Vol:			uL	Test:	
Extraction Type :			Decanted :	Level :	LOW
Injection Volume :			GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM010944.D	1	7/21/2017 12:00:00 AM	7/21/2017 12:00:00 AM	PB100830

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	2.7	U	2.7	20	100	ug/L
110-86-1	Pyridine	10	U	10	10	100	ug/L
100-52-7	Benzaldehyde	7.7	U	7.7	10	100	ug/L
62-53-3	Aniline	10	U	10	10	100	ug/L
108-95-2	Phenol	2.1	U	2.1	10	100	ug/L
111-44-4	bis(2-Chloroethyl)ether	5.5	U	5.5	10	100	ug/L
95-57-8	2-Chlorophenol	5.4	U	5.4	10	100	ug/L
95-50-1	1,2-Dichlorobenzene	2.6	U	2.6	10	100	ug/L
541-73-1	1,3-Dichlorobenzene	1.3	U	1.3	10	100	ug/L
106-46-7	1,4-Dichlorobenzene	2	U	2	10	100	ug/L
100-51-6	Benzyl Alcohol	3.5	U	3.5	10	100	ug/L
95-48-7	2-Methylphenol	2.4	U	2.4	10	100	ug/L
108-60-1	2,2-oxybis(1-Chloropropane)	1.7	U	1.7	10	100	ug/L
98-86-2	Acetophenone	1.4	U	1.4	10	100	ug/L
65794-96-9	3+4-Methylphenols	3.8	U	3.8	10	100	ug/L
621-64-7	n-Nitroso-di-n-propylamine	2	U	2	10	100	ug/L
67-72-1	Hexachloroethane	2.5	U	2.5	10	100	ug/L
98-95-3	Nitrobenzene	6.8	U	6.8	10	100	ug/L
78-59-1	Isophorone	3	U	3	10	100	ug/L
88-75-5	2-Nitrophenol	5.2	U	5.2	10	100	ug/L
105-67-9	2,4-Dimethylphenol	7.1	U	7.1	10	100	ug/L
111-91-1	bis(2-Chloroethoxy)methane	5.5	U	5.5	10	100	ug/L
120-83-2	2,4-Dichlorophenol	6.6	U	6.6	10	100	ug/L
120-82-1	1,2,4-Trichlorobenzene	1.5	U	1.5	10	100	ug/L
65-85-0	Benzoic acid	20	U	20	80	100	ug/L
91-20-3	Naphthalene	1.2	U	1.2	10	100	ug/L
106-47-8	4-Chloroaniline	10	U	10	10	100	ug/L
87-68-3	Hexachlorobutadiene	2.5	U	2.5	10	100	ug/L
105-60-2	Caprolactam	10	U	10	10	100	ug/L
59-50-7	4-Chloro-3-methylphenol	4	U	4	10	100	ug/L
91-57-6	2-Methylnaphthalene	3.2	U	3.2	10	100	ug/L

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Report of Analysis

Client:				Date Collected:	7/18/2017 12:00:00 AM
Project:				Date Received:	7/18/2017 12:00:00 AM
Client Sample ID:	CL-01-071817-C			SDG No.:	BM072117
Lab Sample ID:	I4280-09			Matrix:	water
Analytical Method:	8270D			% Moisture:	100
Sample Wt/Vol:	100	Units:	mL	Final Vol:	1000 uL
Soil Aliquot Vol:			uL	Test:	
Extraction Type :			Decanted :	Level :	LOW
Injection Volume :			GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM010944.D	1	7/21/2017 12:00:00 AM	7/21/2017 12:00:00 AM	PB100830

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
77-47-4	Hexachlorocyclopentadiene	2.4	U	2.4	10	100	ug/L
88-06-2	2,4,6-Trichlorophenol	5.6	U	5.6	10	100	ug/L
95-95-4	2,4,5-Trichlorophenol	4	U	4	10	100	ug/L
92-52-4	1,1-Biphenyl	1.5	U	1.5	10	100	ug/L
91-58-7	2-Chloronaphthalene	1.6	U	1.6	10	100	ug/L
88-74-4	2-Nitroaniline	4.9	U	4.9	10	100	ug/L
131-11-3	Dimethylphthalate	2.2	U	2.2	10	100	ug/L
208-96-8	Acenaphthylene	7	U	7	10	100	ug/L
606-20-2	2,6-Dinitrotoluene	3.2	U	3.2	10	100	ug/L
99-09-2	3-Nitroaniline	10	U	10	10	100	ug/L
83-32-9	Acenaphthene	2.1	U	2.1	10	100	ug/L
51-28-5	2,4-Dinitrophenol	21	U	21	80	100	ug/L
100-02-7	4-Nitrophenol	20	U	20	50	100	ug/L
132-64-9	Dibenzofuran	2.4	U	2.4	10	100	ug/L
121-14-2	2,4-Dinitrotoluene	10	U	10	10	100	ug/L
84-66-2	Diethylphthalate	3.8	U	3.8	10	100	ug/L
7005-72-3	4-Chlorophenyl-phenylether	2.1	U	2.1	10	100	ug/L
86-73-7	Fluorene	3.1	U	3.1	10	100	ug/L
100-01-6	4-Nitroaniline	13.6	U	13.6	20	100	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	7.4	U	7.4	20	100	ug/L
86-30-6	n-Nitrosodiphenylamine	6	U	6	10	100	ug/L
103-33-3	Azobenzene	2.2	U	2.2	10	100	ug/L
101-55-3	4-Bromophenyl-phenylether	2.3	U	2.3	10	100	ug/L
118-74-1	Hexachlorobenzene	1.8	U	1.8	10	100	ug/L
1912-24-9	Atrazine	4	U	4	10	100	ug/L
87-86-5	Pentachlorophenol	10	U	10	10	100	ug/L
85-01-8	Phenanthrene	2.6	U	2.6	10	100	ug/L
120-12-7	Anthracene	1.6	U	1.6	10	100	ug/L
86-74-8	Carbazole	2.2	U	2.2	10	100	ug/L
84-74-2	Di-n-butylphthalate	10	U	10	10	100	ug/L
206-44-0	Fluoranthene	4	U	4	10	100	ug/L
92-87-5	Benzidine	20	U	20	20	100	ug/L
129-00-0	Pyrene	2	U	2	10	100	ug/L

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Report of Analysis

Client:				Date Collected:	7/18/2017 12:00:00 AM
Project:				Date Received:	7/18/2017 12:00:00 AM
Client Sample ID:	CL-01-071817-C			SDG No.:	BM072117
Lab Sample ID:	I4280-09			Matrix:	water
Analytical Method:	8270D			% Moisture:	100
Sample Wt/Vol:	100	Units:	mL	Final Vol:	1000 uL
Soil Aliquot Vol:			uL	Test:	
Extraction Type :			Decanted :	Level :	LOW
Injection Volume :			GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM010944.D	1	7/21/2017 12:00:00 AM	7/21/2017 12:00:00 AM	PB100830

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
85-68-7	Butylbenzylphthalate	1.9	U	1.9	10	100	ug/L
91-94-1	3,3-Dichlorobenzidine	10	U	10	10	100	ug/L
56-55-3	Benzo(a)anthracene	1.6	U	1.6	10	100	ug/L
218-01-9	Chrysene	1.8	U	1.8	10	100	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	1.6	U	1.6	10	100	ug/L
117-84-0	Di-n-octyl phthalate	5.1	U	5.1	10	100	ug/L
205-99-2	Benzo(b)fluoranthene	2.9	U	2.9	10	100	ug/L
207-08-9	Benzo(k)fluoranthene	1.8	U	1.8	10	100	ug/L
50-32-8	Benzo(a)pyrene	1.4	U	1.4	10	100	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	1.5	U	1.5	10	100	ug/L
53-70-3	Dibenzo(a,h)anthracene	4.2	U	4.2	10	100	ug/L
191-24-2	Benzo(g,h,i)perylene	2.9	U	2.9	10	100	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	2	U	2	10	100	ug/L
123-91-1	1,4-Dioxane	2	U	2	50	100	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	2	U	2	10	100	ug/L
SURROGATES							
367-12-4	2-Fluorophenol	117.94		10-130		79	SPK: -150
13127-88-3	Phenol-d6	105.99		10-130		71	SPK: -150
4165-60-0	Nitrobenzene-d5	82		36-131		82	SPK: -100
321-60-8	2-Fluorobiphenyl	78.2		39-131		78	SPK: -100
118-79-6	2,4,6-Tribromophenol	130.19		25-155		87	SPK: -150
1718-51-0	Terphenyl-d14	76.77		23-130		77	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	280521	7.42				
1146-65-2	Naphthalene-d8	1046937	10.18				
15067-26-2	Acenaphthene-d10	681104	14.07				
1517-22-2	Phenanthrene-d10	1633662	16.83				
1719-03-5	Chrysene-d12	1675231	21.05				
1520-96-3	Perylene-d12	1454133	23.18				

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Report of Analysis

Client:				Date Collected:	7/18/2017 12:00:00 AM
Project:				Date Received:	7/18/2017 12:00:00 AM
Client Sample ID:	CL-01-071817-D			SDG No.:	BM072117
Lab Sample ID:	I4280-12			Matrix:	water
Analytical Method:	8270D			% Moisture:	100
Sample Wt/Vol:	100	Units:	mL	Final Vol:	1000 uL
Soil Aliquot Vol:			uL	Test:	
Extraction Type :			Decanted :	Level :	LOW
Injection Volume :			GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM010945.D	1	7/21/2017 12:00:00 AM	7/21/2017 12:00:00 AM	PB100830

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	2.7	U	2.7	20	100	ug/L
110-86-1	Pyridine	10	U	10	10	100	ug/L
100-52-7	Benzaldehyde	7.7	U	7.7	10	100	ug/L
62-53-3	Aniline	10	U	10	10	100	ug/L
108-95-2	Phenol	2.1	U	2.1	10	100	ug/L
111-44-4	bis(2-Chloroethyl)ether	5.5	U	5.5	10	100	ug/L
95-57-8	2-Chlorophenol	5.4	U	5.4	10	100	ug/L
95-50-1	1,2-Dichlorobenzene	2.6	U	2.6	10	100	ug/L
541-73-1	1,3-Dichlorobenzene	1.3	U	1.3	10	100	ug/L
106-46-7	1,4-Dichlorobenzene	2	U	2	10	100	ug/L
100-51-6	Benzyl Alcohol	3.5	U	3.5	10	100	ug/L
95-48-7	2-Methylphenol	2.4	U	2.4	10	100	ug/L
108-60-1	2,2-oxybis(1-Chloropropane)	1.7	U	1.7	10	100	ug/L
98-86-2	Acetophenone	1.4	U	1.4	10	100	ug/L
65794-96-9	3+4-Methylphenols	3.8	U	3.8	10	100	ug/L
621-64-7	n-Nitroso-di-n-propylamine	2	U	2	10	100	ug/L
67-72-1	Hexachloroethane	2.5	U	2.5	10	100	ug/L
98-95-3	Nitrobenzene	6.8	U	6.8	10	100	ug/L
78-59-1	Isophorone	3	U	3	10	100	ug/L
88-75-5	2-Nitrophenol	5.2	U	5.2	10	100	ug/L
105-67-9	2,4-Dimethylphenol	7.1	U	7.1	10	100	ug/L
111-91-1	bis(2-Chloroethoxy)methane	5.5	U	5.5	10	100	ug/L
120-83-2	2,4-Dichlorophenol	6.6	U	6.6	10	100	ug/L
120-82-1	1,2,4-Trichlorobenzene	1.5	U	1.5	10	100	ug/L
65-85-0	Benzoic acid	20	U	20	80	100	ug/L
91-20-3	Naphthalene	1.2	U	1.2	10	100	ug/L
106-47-8	4-Chloroaniline	10	U	10	10	100	ug/L
87-68-3	Hexachlorobutadiene	2.5	U	2.5	10	100	ug/L
105-60-2	Caprolactam	10	U	10	10	100	ug/L
59-50-7	4-Chloro-3-methylphenol	4	U	4	10	100	ug/L
91-57-6	2-Methylnaphthalene	3.2	U	3.2	10	100	ug/L

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Report of Analysis

Client:				Date Collected:	7/18/2017 12:00:00 AM
Project:				Date Received:	7/18/2017 12:00:00 AM
Client Sample ID:	CL-01-071817-D			SDG No.:	BM072117
Lab Sample ID:	I4280-12			Matrix:	water
Analytical Method:	8270D			% Moisture:	100
Sample Wt/Vol:	100	Units:	mL	Final Vol:	1000 uL
Soil Aliquot Vol:			uL	Test:	
Extraction Type :			Decanted :	Level :	LOW
Injection Volume :			GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM010945.D	1	7/21/2017 12:00:00 AM	7/21/2017 12:00:00 AM	PB100830

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
77-47-4	Hexachlorocyclopentadiene	2.4	U	2.4	10	100	ug/L
88-06-2	2,4,6-Trichlorophenol	5.6	U	5.6	10	100	ug/L
95-95-4	2,4,5-Trichlorophenol	4	U	4	10	100	ug/L
92-52-4	1,1-Biphenyl	1.5	U	1.5	10	100	ug/L
91-58-7	2-Chloronaphthalene	1.6	U	1.6	10	100	ug/L
88-74-4	2-Nitroaniline	4.9	U	4.9	10	100	ug/L
131-11-3	Dimethylphthalate	2.2	U	2.2	10	100	ug/L
208-96-8	Acenaphthylene	7	U	7	10	100	ug/L
606-20-2	2,6-Dinitrotoluene	3.2	U	3.2	10	100	ug/L
99-09-2	3-Nitroaniline	10	U	10	10	100	ug/L
83-32-9	Acenaphthene	2.1	U	2.1	10	100	ug/L
51-28-5	2,4-Dinitrophenol	21	U	21	80	100	ug/L
100-02-7	4-Nitrophenol	20	U	20	50	100	ug/L
132-64-9	Dibenzofuran	2.4	U	2.4	10	100	ug/L
121-14-2	2,4-Dinitrotoluene	10	U	10	10	100	ug/L
84-66-2	Diethylphthalate	3.8	U	3.8	10	100	ug/L
7005-72-3	4-Chlorophenyl-phenylether	2.1	U	2.1	10	100	ug/L
86-73-7	Fluorene	3.1	U	3.1	10	100	ug/L
100-01-6	4-Nitroaniline	13.6	U	13.6	20	100	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	7.4	U	7.4	20	100	ug/L
86-30-6	n-Nitrosodiphenylamine	6	U	6	10	100	ug/L
103-33-3	Azobenzene	2.2	U	2.2	10	100	ug/L
101-55-3	4-Bromophenyl-phenylether	2.3	U	2.3	10	100	ug/L
118-74-1	Hexachlorobenzene	1.8	U	1.8	10	100	ug/L
1912-24-9	Atrazine	4	U	4	10	100	ug/L
87-86-5	Pentachlorophenol	10	U	10	10	100	ug/L
85-01-8	Phenanthrene	2.6	U	2.6	10	100	ug/L
120-12-7	Anthracene	1.6	U	1.6	10	100	ug/L
86-74-8	Carbazole	2.2	U	2.2	10	100	ug/L
84-74-2	Di-n-butylphthalate	10	U	10	10	100	ug/L
206-44-0	Fluoranthene	4	U	4	10	100	ug/L
92-87-5	Benzidine	20	U	20	20	100	ug/L
129-00-0	Pyrene	2	U	2	10	100	ug/L

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Report of Analysis

Client:				Date Collected:	7/18/2017 12:00:00 AM
Project:				Date Received:	7/18/2017 12:00:00 AM
Client Sample ID:	CL-01-071817-D			SDG No.:	BM072117
Lab Sample ID:	I4280-12			Matrix:	water
Analytical Method:	8270D			% Moisture:	100
Sample Wt/Vol:	100	Units:	mL	Final Vol:	1000 uL
Soil Aliquot Vol:			uL	Test:	
Extraction Type :			Decanted :	Level :	LOW
Injection Volume :			GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM010945.D	1	7/21/2017 12:00:00 AM	7/21/2017 12:00:00 AM	PB100830

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
85-68-7	Butylbenzylphthalate	1.9	U	1.9	10	100	ug/L
91-94-1	3,3-Dichlorobenzidine	10	U	10	10	100	ug/L
56-55-3	Benzo(a)anthracene	1.6	U	1.6	10	100	ug/L
218-01-9	Chrysene	1.8	U	1.8	10	100	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	1.6	U	1.6	10	100	ug/L
117-84-0	Di-n-octyl phthalate	5.1	U	5.1	10	100	ug/L
205-99-2	Benzo(b)fluoranthene	2.9	U	2.9	10	100	ug/L
207-08-9	Benzo(k)fluoranthene	1.8	U	1.8	10	100	ug/L
50-32-8	Benzo(a)pyrene	1.4	U	1.4	10	100	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	1.5	U	1.5	10	100	ug/L
53-70-3	Dibenzo(a,h)anthracene	4.2	U	4.2	10	100	ug/L
191-24-2	Benzo(g,h,i)perylene	2.9	U	2.9	10	100	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	2	U	2	10	100	ug/L
123-91-1	1,4-Dioxane	2	U	2	50	100	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	2	U	2	10	100	ug/L
SURROGATES							
367-12-4	2-Fluorophenol	114.2		10-130		76	SPK: -150
13127-88-3	Phenol-d6	101.06		10-130		67	SPK: -150
4165-60-0	Nitrobenzene-d5	83.23		36-131		83	SPK: -100
321-60-8	2-Fluorobiphenyl	81.52		39-131		82	SPK: -100
118-79-6	2,4,6-Tribromophenol	128.07		25-155		85	SPK: -150
1718-51-0	Terphenyl-d14	74.49		23-130		74	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	289751	7.42				
1146-65-2	Naphthalene-d8	1037772	10.18				
15067-26-2	Acenaphthene-d10	632382	14.07				
1517-22-2	Phenanthrene-d10	1457351	16.83				
1719-03-5	Chrysene-d12	1554877	21.05				
1520-96-3	Perylene-d12	1313001	23.18				

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Report of Analysis

Client:				Date Collected:	7/18/2017 12:00:00 AM
Project:				Date Received:	7/18/2017 12:00:00 AM
Client Sample ID:	RINSEBLANK-SOIL			SDG No.:	BM072117
Lab Sample ID:	I4302-01			Matrix:	Water
Analytical Method:	8270D			% Moisture:	100
Sample Wt/Vol:	995	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
BM010946.D	1	7/21/2017 12:00:00 AM	7/21/2017 12:00:00 AM	PB100830

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	0.27	U	0.27	2	10.1	ug/L
110-86-1	Pyridine	1	U	1	1	10.1	ug/L
100-52-7	Benzaldehyde	0.77	U	0.77	1	10.1	ug/L
62-53-3	Aniline	1	U	1	1	10.1	ug/L
108-95-2	Phenol	0.21	U	0.21	1	10.1	ug/L
111-44-4	bis(2-Chloroethyl)ether	0.55	U	0.55	1	10.1	ug/L
95-57-8	2-Chlorophenol	0.54	U	0.54	1	10.1	ug/L
95-50-1	1,2-Dichlorobenzene	0.26	U	0.26	1	10.1	ug/L
541-73-1	1,3-Dichlorobenzene	0.13	U	0.13	1	10.1	ug/L
106-46-7	1,4-Dichlorobenzene	0.2	U	0.2	1	10.1	ug/L
100-51-6	Benzyl Alcohol	0.35	U	0.35	1	10.1	ug/L
95-48-7	2-Methylphenol	0.24	U	0.24	1	10.1	ug/L
108-60-1	2,2-oxybis(1-Chloropropane)	0.17	U	0.17	1	10.1	ug/L
98-86-2	Acetophenone	0.14	U	0.14	1	10.1	ug/L
65794-96-9	3+4-Methylphenols	0.38	U	0.38	1	10.1	ug/L
621-64-7	n-Nitroso-di-n-propylamine	0.2	U	0.2	1	10.1	ug/L
67-72-1	Hexachloroethane	0.25	U	0.25	1	10.1	ug/L
98-95-3	Nitrobenzene	0.68	U	0.68	1	10.1	ug/L
78-59-1	Isophorone	0.3	U	0.3	1	10.1	ug/L
88-75-5	2-Nitrophenol	0.52	U	0.52	1	10.1	ug/L
105-67-9	2,4-Dimethylphenol	0.71	U	0.71	1	10.1	ug/L
111-91-1	bis(2-Chloroethoxy)methane	0.55	U	0.55	1	10.1	ug/L
120-83-2	2,4-Dichlorophenol	0.66	U	0.66	1	10.1	ug/L
120-82-1	1,2,4-Trichlorobenzene	0.15	U	0.15	1	10.1	ug/L
65-85-0	Benzoic acid	2	U	2	8	10.1	ug/L
91-20-3	Naphthalene	0.12	U	0.12	1	10.1	ug/L
106-47-8	4-Chloroaniline	1	U	1	1	10.1	ug/L
87-68-3	Hexachlorobutadiene	0.25	U	0.25	1	10.1	ug/L
105-60-2	Caprolactam	1	U	1	1	10.1	ug/L
59-50-7	4-Chloro-3-methylphenol	0.4	U	0.4	1	10.1	ug/L
91-57-6	2-Methylnaphthalene	0.32	U	0.32	1	10.1	ug/L

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Report of Analysis

Client:				Date Collected:	7/18/2017 12:00:00 AM
Project:				Date Received:	7/18/2017 12:00:00 AM
Client Sample ID:	RINSEBLANK-SOIL			SDG No.:	BM072117
Lab Sample ID:	I4302-01			Matrix:	Water
Analytical Method:	8270D			% Moisture:	100
Sample Wt/Vol:	995	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
BM010946.D	1	7/21/2017 12:00:00 AM	7/21/2017 12:00:00 AM	PB100830

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
77-47-4	Hexachlorocyclopentadiene	0.24	U	0.24	1	10.1	ug/L
88-06-2	2,4,6-Trichlorophenol	0.56	U	0.56	1	10.1	ug/L
95-95-4	2,4,5-Trichlorophenol	0.4	U	0.4	1	10.1	ug/L
92-52-4	1,1-Biphenyl	0.15	U	0.15	1	10.1	ug/L
91-58-7	2-Chloronaphthalene	0.16	U	0.16	1	10.1	ug/L
88-74-4	2-Nitroaniline	0.49	U	0.49	1	10.1	ug/L
131-11-3	Dimethylphthalate	0.22	U	0.22	1	10.1	ug/L
208-96-8	Acenaphthylene	0.7	U	0.7	1	10.1	ug/L
606-20-2	2,6-Dinitrotoluene	0.32	U	0.32	1	10.1	ug/L
99-09-2	3-Nitroaniline	1	U	1	1	10.1	ug/L
83-32-9	Acenaphthene	0.21	U	0.21	1	10.1	ug/L
51-28-5	2,4-Dinitrophenol	2.1	U	2.1	8	10.1	ug/L
100-02-7	4-Nitrophenol	2	U	2	5	10.1	ug/L
132-64-9	Dibenzofuran	0.24	U	0.24	1	10.1	ug/L
121-14-2	2,4-Dinitrotoluene	1	U	1	1	10.1	ug/L
84-66-2	Diethylphthalate	0.38	U	0.38	1	10.1	ug/L
7005-72-3	4-Chlorophenyl-phenylether	0.21	U	0.21	1	10.1	ug/L
86-73-7	Fluorene	0.31	U	0.31	1	10.1	ug/L
100-01-6	4-Nitroaniline	1.4	U	1.4	2	10.1	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	0.74	U	0.74	2	10.1	ug/L
86-30-6	n-Nitrosodiphenylamine	0.6	U	0.6	1	10.1	ug/L
103-33-3	Azobenzene	0.22	U	0.22	1	10.1	ug/L
101-55-3	4-Bromophenyl-phenylether	0.23	U	0.23	1	10.1	ug/L
118-74-1	Hexachlorobenzene	0.18	U	0.18	1	10.1	ug/L
1912-24-9	Atrazine	0.4	U	0.4	1	10.1	ug/L
87-86-5	Pentachlorophenol	1	U	1	1	10.1	ug/L
85-01-8	Phenanthrene	0.26	U	0.26	1	10.1	ug/L
120-12-7	Anthracene	0.16	U	0.16	1	10.1	ug/L
86-74-8	Carbazole	0.22	U	0.22	1	10.1	ug/L
84-74-2	Di-n-butylphthalate	1	U	1	1	10.1	ug/L
206-44-0	Fluoranthene	0.4	U	0.4	1	10.1	ug/L
92-87-5	Benzidine	2	U	2	2	10.1	ug/L
129-00-0	Pyrene	0.2	U	0.2	1	10.1	ug/L

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Report of Analysis

Client:				Date Collected:	7/18/2017 12:00:00 AM
Project:				Date Received:	7/18/2017 12:00:00 AM
Client Sample ID:	RINSEBLANK-SOIL			SDG No.:	BM072117
Lab Sample ID:	I4302-01			Matrix:	Water
Analytical Method:	8270D			% Moisture:	100
Sample Wt/Vol:	995	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
BM010946.D	1	7/21/2017 12:00:00 AM	7/21/2017 12:00:00 AM	PB100830

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
85-68-7	Butylbenzylphthalate	0.19	U	0.19	1	10.1	ug/L
91-94-1	3,3-Dichlorobenzidine	1	U	1	1	10.1	ug/L
56-55-3	Benzo(a)anthracene	0.16	U	0.16	1	10.1	ug/L
218-01-9	Chrysene	0.18	U	0.18	1	10.1	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	0.16	U	0.16	1	10.1	ug/L
117-84-0	Di-n-octyl phthalate	0.51	U	0.51	1	10.1	ug/L
205-99-2	Benzo(b)fluoranthene	0.29	U	0.29	1	10.1	ug/L
207-08-9	Benzo(k)fluoranthene	0.18	U	0.18	1	10.1	ug/L
50-32-8	Benzo(a)pyrene	0.14	U	0.14	1	10.1	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	0.15	U	0.15	1	10.1	ug/L
53-70-3	Dibenzo(a,h)anthracene	0.42	U	0.42	1	10.1	ug/L
191-24-2	Benzo(g,h,i)perylene	0.29	U	0.29	1	10.1	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	0.2	U	0.2	1	10.1	ug/L
123-91-1	1,4-Dioxane	0.2	U	0.2	5	10.1	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	0.2	U	0.2	1	10.1	ug/L
SURROGATES							
367-12-4	2-Fluorophenol	49.84		10-130		33	SPK: -150
13127-88-3	Phenol-d6	30.11		10-130		20	SPK: -150
4165-60-0	Nitrobenzene-d5	79.7		36-131		80	SPK: -100
321-60-8	2-Fluorobiphenyl	81.07		39-131		81	SPK: -100
118-79-6	2,4,6-Tribromophenol	128.22		25-155		85	SPK: -150
1718-51-0	Terphenyl-d14	75.38		23-130		75	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	239322	7.42				
1146-65-2	Naphthalene-d8	853972	10.18				
15067-26-2	Acenaphthene-d10	532541	14.07				
1517-22-2	Phenanthrene-d10	1278448	16.83				
1719-03-5	Chrysene-d12	1498352	21.05				
1520-96-3	Perylene-d12	1368242	23.18				
TENTATIVE IDENTIFIED COMPOUNDS							
004744-11-0	Propane, 1,1-dipropoxy-	2.4	J			4.62	
	unknown6.96	71.2	J			6.96	

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Report of Analysis

Client:				Date Collected:	7/18/2017 12:00:00 AM
Project:				Date Received:	7/18/2017 12:00:00 AM
Client Sample ID:	RINSEBLANK-SOIL			SDG No.:	BM072117
Lab Sample ID:	I4302-01			Matrix:	Water
Analytical Method:	8270D			% Moisture:	100
Sample Wt/Vol:	995	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
BM010946.D	1	7/21/2017 12:00:00 AM	7/21/2017 12:00:00 AM	PB100830

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

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

Report of Analysis

Client:				Date Collected:	7/19/2017 12:00:00 AM
Project:				Date Received:	7/19/2017 12:00:00 AM
Client Sample ID:	NB-08-071917			SDG No.:	BM072117
Lab Sample ID:	I4308-03			Matrix:	water
Analytical Method:	8270D			% Moisture:	100
Sample Wt/Vol:	100	Units:	mL	Final Vol:	1000 uL
Soil Aliquot Vol:			uL	Test:	
Extraction Type :			Decanted :	Level :	LOW
Injection Volume :			GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM010947.D	1	7/21/2017 12:00:00 AM	7/21/2017 12:00:00 AM	PB100830

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	2.7	U	2.7	20	100	ug/L
110-86-1	Pyridine	10	U	10	10	100	ug/L
100-52-7	Benzaldehyde	7.7	U	7.7	10	100	ug/L
62-53-3	Aniline	10	U	10	10	100	ug/L
108-95-2	Phenol	2.1	U	2.1	10	100	ug/L
111-44-4	bis(2-Chloroethyl)ether	5.5	U	5.5	10	100	ug/L
95-57-8	2-Chlorophenol	5.4	U	5.4	10	100	ug/L
95-50-1	1,2-Dichlorobenzene	2.6	U	2.6	10	100	ug/L
541-73-1	1,3-Dichlorobenzene	1.3	U	1.3	10	100	ug/L
106-46-7	1,4-Dichlorobenzene	2	U	2	10	100	ug/L
100-51-6	Benzyl Alcohol	3.5	U	3.5	10	100	ug/L
95-48-7	2-Methylphenol	2.4	U	2.4	10	100	ug/L
108-60-1	2,2-oxybis(1-Chloropropane)	1.7	U	1.7	10	100	ug/L
98-86-2	Acetophenone	1.4	U	1.4	10	100	ug/L
65794-96-9	3+4-Methylphenols	3.8	U	3.8	10	100	ug/L
621-64-7	n-Nitroso-di-n-propylamine	2	U	2	10	100	ug/L
67-72-1	Hexachloroethane	2.5	U	2.5	10	100	ug/L
98-95-3	Nitrobenzene	6.8	U	6.8	10	100	ug/L
78-59-1	Isophorone	3	U	3	10	100	ug/L
88-75-5	2-Nitrophenol	5.2	U	5.2	10	100	ug/L
105-67-9	2,4-Dimethylphenol	7.1	U	7.1	10	100	ug/L
111-91-1	bis(2-Chloroethoxy)methane	5.5	U	5.5	10	100	ug/L
120-83-2	2,4-Dichlorophenol	6.6	U	6.6	10	100	ug/L
120-82-1	1,2,4-Trichlorobenzene	1.5	U	1.5	10	100	ug/L
65-85-0	Benzoic acid	20	U	20	80	100	ug/L
91-20-3	Naphthalene	1.2	U	1.2	10	100	ug/L
106-47-8	4-Chloroaniline	10	U	10	10	100	ug/L
87-68-3	Hexachlorobutadiene	2.5	U	2.5	10	100	ug/L
105-60-2	Caprolactam	10	U	10	10	100	ug/L
59-50-7	4-Chloro-3-methylphenol	4	U	4	10	100	ug/L
91-57-6	2-Methylnaphthalene	3.2	U	3.2	10	100	ug/L

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Report of Analysis

Client:				Date Collected:	7/19/2017 12:00:00 AM
Project:				Date Received:	7/19/2017 12:00:00 AM
Client Sample ID:	NB-08-071917			SDG No.:	BM072117
Lab Sample ID:	I4308-03			Matrix:	water
Analytical Method:	8270D			% Moisture:	100
Sample Wt/Vol:	100	Units:	mL	Final Vol:	1000 uL
Soil Aliquot Vol:			uL	Test:	
Extraction Type :			Decanted :	Level :	LOW
Injection Volume :			GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM010947.D	1	7/21/2017 12:00:00 AM	7/21/2017 12:00:00 AM	PB100830

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
77-47-4	Hexachlorocyclopentadiene	2.4	U	2.4	10	100	ug/L
88-06-2	2,4,6-Trichlorophenol	5.6	U	5.6	10	100	ug/L
95-95-4	2,4,5-Trichlorophenol	4	U	4	10	100	ug/L
92-52-4	1,1-Biphenyl	1.5	U	1.5	10	100	ug/L
91-58-7	2-Chloronaphthalene	1.6	U	1.6	10	100	ug/L
88-74-4	2-Nitroaniline	4.9	U	4.9	10	100	ug/L
131-11-3	Dimethylphthalate	2.2	U	2.2	10	100	ug/L
208-96-8	Acenaphthylene	7	U	7	10	100	ug/L
606-20-2	2,6-Dinitrotoluene	3.2	U	3.2	10	100	ug/L
99-09-2	3-Nitroaniline	10	U	10	10	100	ug/L
83-32-9	Acenaphthene	2.1	U	2.1	10	100	ug/L
51-28-5	2,4-Dinitrophenol	21	U	21	80	100	ug/L
100-02-7	4-Nitrophenol	20	U	20	50	100	ug/L
132-64-9	Dibenzofuran	2.4	U	2.4	10	100	ug/L
121-14-2	2,4-Dinitrotoluene	10	U	10	10	100	ug/L
84-66-2	Diethylphthalate	3.8	U	3.8	10	100	ug/L
7005-72-3	4-Chlorophenyl-phenylether	2.1	U	2.1	10	100	ug/L
86-73-7	Fluorene	3.1	U	3.1	10	100	ug/L
100-01-6	4-Nitroaniline	13.6	U	13.6	20	100	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	7.4	U	7.4	20	100	ug/L
86-30-6	n-Nitrosodiphenylamine	6	U	6	10	100	ug/L
103-33-3	Azobenzene	2.2	U	2.2	10	100	ug/L
101-55-3	4-Bromophenyl-phenylether	2.3	U	2.3	10	100	ug/L
118-74-1	Hexachlorobenzene	1.8	U	1.8	10	100	ug/L
1912-24-9	Atrazine	4	U	4	10	100	ug/L
87-86-5	Pentachlorophenol	10	U	10	10	100	ug/L
85-01-8	Phenanthrene	2.6	U	2.6	10	100	ug/L
120-12-7	Anthracene	1.6	U	1.6	10	100	ug/L
86-74-8	Carbazole	2.2	U	2.2	10	100	ug/L
84-74-2	Di-n-butylphthalate	10	U	10	10	100	ug/L
206-44-0	Fluoranthene	4	U	4	10	100	ug/L
92-87-5	Benzidine	20	U	20	20	100	ug/L
129-00-0	Pyrene	2	U	2	10	100	ug/L

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Report of Analysis

Client:				Date Collected:	7/19/2017 12:00:00 AM
Project:				Date Received:	7/19/2017 12:00:00 AM
Client Sample ID:	NB-08-071917			SDG No.:	BM072117
Lab Sample ID:	I4308-03			Matrix:	water
Analytical Method:	8270D			% Moisture:	100
Sample Wt/Vol:	100	Units:	mL	Final Vol:	1000 uL
Soil Aliquot Vol:			uL	Test:	
Extraction Type :			Decanted :	Level :	LOW
Injection Volume :			GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM010947.D	1	7/21/2017 12:00:00 AM	7/21/2017 12:00:00 AM	PB100830

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
85-68-7	Butylbenzylphthalate	1.9	U	1.9	10	100	ug/L
91-94-1	3,3-Dichlorobenzidine	10	U	10	10	100	ug/L
56-55-3	Benzo(a)anthracene	1.6	U	1.6	10	100	ug/L
218-01-9	Chrysene	1.8	U	1.8	10	100	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	1.6	U	1.6	10	100	ug/L
117-84-0	Di-n-octyl phthalate	5.1	U	5.1	10	100	ug/L
205-99-2	Benzo(b)fluoranthene	2.9	U	2.9	10	100	ug/L
207-08-9	Benzo(k)fluoranthene	1.8	U	1.8	10	100	ug/L
50-32-8	Benzo(a)pyrene	1.4	U	1.4	10	100	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	1.5	U	1.5	10	100	ug/L
53-70-3	Dibenzo(a,h)anthracene	4.2	U	4.2	10	100	ug/L
191-24-2	Benzo(g,h,i)perylene	2.9	U	2.9	10	100	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	2	U	2	10	100	ug/L
123-91-1	1,4-Dioxane	2	U	2	50	100	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	2	U	2	10	100	ug/L
SURROGATES							
367-12-4	2-Fluorophenol	116.65		10-130		78	SPK: -150
13127-88-3	Phenol-d6	104.69		10-130		70	SPK: -150
4165-60-0	Nitrobenzene-d5	81.35		36-131		81	SPK: -100
321-60-8	2-Fluorobiphenyl	77.36		39-131		77	SPK: -100
118-79-6	2,4,6-Tribromophenol	136.22		25-155		91	SPK: -150
1718-51-0	Terphenyl-d14	82.97		23-130		83	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	269788	7.42				
1146-65-2	Naphthalene-d8	1005249	10.18				
15067-26-2	Acenaphthene-d10	664536	14.07				
1517-22-2	Phenanthrene-d10	1683945	16.83				
1719-03-5	Chrysene-d12	1617677	21.05				
1520-96-3	Perylene-d12	1361274	23.17				

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Report of Analysis

Client:				Date Collected:	7/19/2017 12:00:00 AM
Project:				Date Received:	7/19/2017 12:00:00 AM
Client Sample ID:	VNJ-209			SDG No.:	BM072117
Lab Sample ID:	I4312-03			Matrix:	water
Analytical Method:	8270D			% Moisture:	100
Sample Wt/Vol:	100	Units:	mL	Final Vol:	1000 uL
Soil Aliquot Vol:			uL	Test:	
Extraction Type :			Decanted :	Level :	LOW
Injection Volume :			GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM010948.D	1	7/21/2017 12:00:00 AM	7/21/2017 12:00:00 AM	PB100830

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	2.7	U	2.7	20	100	ug/L
110-86-1	Pyridine	10	U	10	10	100	ug/L
100-52-7	Benzaldehyde	7.7	U	7.7	10	100	ug/L
62-53-3	Aniline	10	U	10	10	100	ug/L
108-95-2	Phenol	2.1	U	2.1	10	100	ug/L
111-44-4	bis(2-Chloroethyl)ether	5.5	U	5.5	10	100	ug/L
95-57-8	2-Chlorophenol	5.4	U	5.4	10	100	ug/L
95-50-1	1,2-Dichlorobenzene	2.6	U	2.6	10	100	ug/L
541-73-1	1,3-Dichlorobenzene	1.3	U	1.3	10	100	ug/L
106-46-7	1,4-Dichlorobenzene	2	U	2	10	100	ug/L
100-51-6	Benzyl Alcohol	3.5	U	3.5	10	100	ug/L
95-48-7	2-Methylphenol	2.4	U	2.4	10	100	ug/L
108-60-1	2,2-oxybis(1-Chloropropane)	1.7	U	1.7	10	100	ug/L
98-86-2	Acetophenone	1.4	U	1.4	10	100	ug/L
65794-96-9	3+4-Methylphenols	3.8	U	3.8	10	100	ug/L
621-64-7	n-Nitroso-di-n-propylamine	2	U	2	10	100	ug/L
67-72-1	Hexachloroethane	2.5	U	2.5	10	100	ug/L
98-95-3	Nitrobenzene	6.8	U	6.8	10	100	ug/L
78-59-1	Isophorone	3	U	3	10	100	ug/L
88-75-5	2-Nitrophenol	5.2	U	5.2	10	100	ug/L
105-67-9	2,4-Dimethylphenol	7.1	U	7.1	10	100	ug/L
111-91-1	bis(2-Chloroethoxy)methane	5.5	U	5.5	10	100	ug/L
120-83-2	2,4-Dichlorophenol	6.6	U	6.6	10	100	ug/L
120-82-1	1,2,4-Trichlorobenzene	1.5	U	1.5	10	100	ug/L
65-85-0	Benzoic acid	20	U	20	80	100	ug/L
91-20-3	Naphthalene	1.2	U	1.2	10	100	ug/L
106-47-8	4-Chloroaniline	10	U	10	10	100	ug/L
87-68-3	Hexachlorobutadiene	2.5	U	2.5	10	100	ug/L
105-60-2	Caprolactam	10	U	10	10	100	ug/L
59-50-7	4-Chloro-3-methylphenol	4	U	4	10	100	ug/L
91-57-6	2-Methylnaphthalene	3.2	U	3.2	10	100	ug/L

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Report of Analysis

Client:				Date Collected:	7/19/2017 12:00:00 AM
Project:				Date Received:	7/19/2017 12:00:00 AM
Client Sample ID:	VNJ-209			SDG No.:	BM072117
Lab Sample ID:	I4312-03			Matrix:	water
Analytical Method:	8270D			% Moisture:	100
Sample Wt/Vol:	100	Units:	mL	Final Vol:	1000 uL
Soil Aliquot Vol:			uL	Test:	
Extraction Type :			Decanted :	Level :	LOW
Injection Volume :			GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM010948.D	1	7/21/2017 12:00:00 AM	7/21/2017 12:00:00 AM	PB100830

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
77-47-4	Hexachlorocyclopentadiene	2.4	U	2.4	10	100	ug/L
88-06-2	2,4,6-Trichlorophenol	5.6	U	5.6	10	100	ug/L
95-95-4	2,4,5-Trichlorophenol	4	U	4	10	100	ug/L
92-52-4	1,1-Biphenyl	1.5	U	1.5	10	100	ug/L
91-58-7	2-Chloronaphthalene	1.6	U	1.6	10	100	ug/L
88-74-4	2-Nitroaniline	4.9	U	4.9	10	100	ug/L
131-11-3	Dimethylphthalate	2.2	U	2.2	10	100	ug/L
208-96-8	Acenaphthylene	7	U	7	10	100	ug/L
606-20-2	2,6-Dinitrotoluene	3.2	U	3.2	10	100	ug/L
99-09-2	3-Nitroaniline	10	U	10	10	100	ug/L
83-32-9	Acenaphthene	2.1	U	2.1	10	100	ug/L
51-28-5	2,4-Dinitrophenol	21	U	21	80	100	ug/L
100-02-7	4-Nitrophenol	20	U	20	50	100	ug/L
132-64-9	Dibenzofuran	2.4	U	2.4	10	100	ug/L
121-14-2	2,4-Dinitrotoluene	10	U	10	10	100	ug/L
84-66-2	Diethylphthalate	3.8	U	3.8	10	100	ug/L
7005-72-3	4-Chlorophenyl-phenylether	2.1	U	2.1	10	100	ug/L
86-73-7	Fluorene	3.1	U	3.1	10	100	ug/L
100-01-6	4-Nitroaniline	13.6	U	13.6	20	100	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	7.4	U	7.4	20	100	ug/L
86-30-6	n-Nitrosodiphenylamine	6	U	6	10	100	ug/L
103-33-3	Azobenzene	2.2	U	2.2	10	100	ug/L
101-55-3	4-Bromophenyl-phenylether	2.3	U	2.3	10	100	ug/L
118-74-1	Hexachlorobenzene	1.8	U	1.8	10	100	ug/L
1912-24-9	Atrazine	4	U	4	10	100	ug/L
87-86-5	Pentachlorophenol	10	U	10	10	100	ug/L
85-01-8	Phenanthrene	2.6	U	2.6	10	100	ug/L
120-12-7	Anthracene	1.6	U	1.6	10	100	ug/L
86-74-8	Carbazole	2.2	U	2.2	10	100	ug/L
84-74-2	Di-n-butylphthalate	10	U	10	10	100	ug/L
206-44-0	Fluoranthene	4	U	4	10	100	ug/L
92-87-5	Benzidine	20	U	20	20	100	ug/L
129-00-0	Pyrene	2	U	2	10	100	ug/L

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Report of Analysis

Client:				Date Collected:	7/19/2017 12:00:00 AM
Project:				Date Received:	7/19/2017 12:00:00 AM
Client Sample ID:	VNJ-209			SDG No.:	BM072117
Lab Sample ID:	I4312-03			Matrix:	water
Analytical Method:	8270D			% Moisture:	100
Sample Wt/Vol:	100	Units:	mL	Final Vol:	1000 uL
Soil Aliquot Vol:			uL	Test:	
Extraction Type :			Decanted :	Level :	LOW
Injection Volume :			GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM010948.D	1	7/21/2017 12:00:00 AM	7/21/2017 12:00:00 AM	PB100830

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
85-68-7	Butylbenzylphthalate	1.9	U	1.9	10	100	ug/L
91-94-1	3,3-Dichlorobenzidine	10	U	10	10	100	ug/L
56-55-3	Benzo(a)anthracene	1.6	U	1.6	10	100	ug/L
218-01-9	Chrysene	1.8	U	1.8	10	100	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	1.6	U	1.6	10	100	ug/L
117-84-0	Di-n-octyl phthalate	5.1	U	5.1	10	100	ug/L
205-99-2	Benzo(b)fluoranthene	2.9	U	2.9	10	100	ug/L
207-08-9	Benzo(k)fluoranthene	1.8	U	1.8	10	100	ug/L
50-32-8	Benzo(a)pyrene	1.4	U	1.4	10	100	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	1.5	U	1.5	10	100	ug/L
53-70-3	Dibenzo(a,h)anthracene	4.2	U	4.2	10	100	ug/L
191-24-2	Benzo(g,h,i)perylene	2.9	U	2.9	10	100	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	2	U	2	10	100	ug/L
123-91-1	1,4-Dioxane	2	U	2	50	100	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	2	U	2	10	100	ug/L
SURROGATES							
367-12-4	2-Fluorophenol	116.74		10-130		78	SPK: -150
13127-88-3	Phenol-d6	106.1		10-130		71	SPK: -150
4165-60-0	Nitrobenzene-d5	83.17		36-131		83	SPK: -100
321-60-8	2-Fluorobiphenyl	78.09		39-131		78	SPK: -100
118-79-6	2,4,6-Tribromophenol	142.02		25-155		95	SPK: -150
1718-51-0	Terphenyl-d14	79.81		23-130		80	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	258942	7.42				
1146-65-2	Naphthalene-d8	976530	10.18				
15067-26-2	Acenaphthene-d10	656126	14.07				
1517-22-2	Phenanthrene-d10	1737075	16.83				
1719-03-5	Chrysene-d12	1929106	21.05				
1520-96-3	Perylene-d12	1472611	23.17				

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Report of Analysis

Client:				Date Collected:	7/19/2017 12:00:00 AM
Project:				Date Received:	7/19/2017 12:00:00 AM
Client Sample ID:	72-11987			SDG No.:	BM072117
Lab Sample ID:	I4312-07			Matrix:	water
Analytical Method:	8270D			% Moisture:	100
Sample Wt/Vol:	100	Units:	mL	Final Vol:	1000 uL
Soil Aliquot Vol:			uL	Test:	
Extraction Type :			Decanted :	Level :	LOW
Injection Volume :			GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM010949.D	1	7/21/2017 12:00:00 AM	7/21/2017 12:00:00 AM	PB100830

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	2.7	U	2.7	20	100	ug/L
110-86-1	Pyridine	10	U	10	10	100	ug/L
100-52-7	Benzaldehyde	7.7	U	7.7	10	100	ug/L
62-53-3	Aniline	10	U	10	10	100	ug/L
108-95-2	Phenol	2.1	U	2.1	10	100	ug/L
111-44-4	bis(2-Chloroethyl)ether	5.5	U	5.5	10	100	ug/L
95-57-8	2-Chlorophenol	5.4	U	5.4	10	100	ug/L
95-50-1	1,2-Dichlorobenzene	2.6	U	2.6	10	100	ug/L
541-73-1	1,3-Dichlorobenzene	1.3	U	1.3	10	100	ug/L
106-46-7	1,4-Dichlorobenzene	2	U	2	10	100	ug/L
100-51-6	Benzyl Alcohol	3.5	U	3.5	10	100	ug/L
95-48-7	2-Methylphenol	2.4	U	2.4	10	100	ug/L
108-60-1	2,2-oxybis(1-Chloropropane)	1.7	U	1.7	10	100	ug/L
98-86-2	Acetophenone	1.4	U	1.4	10	100	ug/L
65794-96-9	3+4-Methylphenols	3.8	U	3.8	10	100	ug/L
621-64-7	n-Nitroso-di-n-propylamine	2	U	2	10	100	ug/L
67-72-1	Hexachloroethane	2.5	U	2.5	10	100	ug/L
98-95-3	Nitrobenzene	6.8	U	6.8	10	100	ug/L
78-59-1	Isophorone	3	U	3	10	100	ug/L
88-75-5	2-Nitrophenol	5.2	U	5.2	10	100	ug/L
105-67-9	2,4-Dimethylphenol	7.1	U	7.1	10	100	ug/L
111-91-1	bis(2-Chloroethoxy)methane	5.5	U	5.5	10	100	ug/L
120-83-2	2,4-Dichlorophenol	6.6	U	6.6	10	100	ug/L
120-82-1	1,2,4-Trichlorobenzene	1.5	U	1.5	10	100	ug/L
65-85-0	Benzoic acid	20	U	20	80	100	ug/L
91-20-3	Naphthalene	1.2	U	1.2	10	100	ug/L
106-47-8	4-Chloroaniline	10	U	10	10	100	ug/L
87-68-3	Hexachlorobutadiene	2.5	U	2.5	10	100	ug/L
105-60-2	Caprolactam	10	U	10	10	100	ug/L
59-50-7	4-Chloro-3-methylphenol	4	U	4	10	100	ug/L
91-57-6	2-Methylnaphthalene	3.2	U	3.2	10	100	ug/L

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Report of Analysis

Client:				Date Collected:	7/19/2017 12:00:00 AM
Project:				Date Received:	7/19/2017 12:00:00 AM
Client Sample ID:	72-11987			SDG No.:	BM072117
Lab Sample ID:	I4312-07			Matrix:	water
Analytical Method:	8270D			% Moisture:	100
Sample Wt/Vol:	100	Units:	mL	Final Vol:	1000 uL
Soil Aliquot Vol:			uL	Test:	
Extraction Type :			Decanted :	Level :	LOW
Injection Volume :			GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM010949.D	1	7/21/2017 12:00:00 AM	7/21/2017 12:00:00 AM	PB100830

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
77-47-4	Hexachlorocyclopentadiene	2.4	U	2.4	10	100	ug/L
88-06-2	2,4,6-Trichlorophenol	5.6	U	5.6	10	100	ug/L
95-95-4	2,4,5-Trichlorophenol	4	U	4	10	100	ug/L
92-52-4	1,1-Biphenyl	1.5	U	1.5	10	100	ug/L
91-58-7	2-Chloronaphthalene	1.6	U	1.6	10	100	ug/L
88-74-4	2-Nitroaniline	4.9	U	4.9	10	100	ug/L
131-11-3	Dimethylphthalate	2.2	U	2.2	10	100	ug/L
208-96-8	Acenaphthylene	7	U	7	10	100	ug/L
606-20-2	2,6-Dinitrotoluene	3.2	U	3.2	10	100	ug/L
99-09-2	3-Nitroaniline	10	U	10	10	100	ug/L
83-32-9	Acenaphthene	2.1	U	2.1	10	100	ug/L
51-28-5	2,4-Dinitrophenol	21	U	21	80	100	ug/L
100-02-7	4-Nitrophenol	20	U	20	50	100	ug/L
132-64-9	Dibenzofuran	2.4	U	2.4	10	100	ug/L
121-14-2	2,4-Dinitrotoluene	10	U	10	10	100	ug/L
84-66-2	Diethylphthalate	3.8	U	3.8	10	100	ug/L
7005-72-3	4-Chlorophenyl-phenylether	2.1	U	2.1	10	100	ug/L
86-73-7	Fluorene	3.1	U	3.1	10	100	ug/L
100-01-6	4-Nitroaniline	13.6	U	13.6	20	100	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	7.4	U	7.4	20	100	ug/L
86-30-6	n-Nitrosodiphenylamine	6	U	6	10	100	ug/L
103-33-3	Azobenzene	2.2	U	2.2	10	100	ug/L
101-55-3	4-Bromophenyl-phenylether	2.3	U	2.3	10	100	ug/L
118-74-1	Hexachlorobenzene	1.8	U	1.8	10	100	ug/L
1912-24-9	Atrazine	4	U	4	10	100	ug/L
87-86-5	Pentachlorophenol	10	U	10	10	100	ug/L
85-01-8	Phenanthrene	2.6	U	2.6	10	100	ug/L
120-12-7	Anthracene	1.6	U	1.6	10	100	ug/L
86-74-8	Carbazole	2.2	U	2.2	10	100	ug/L
84-74-2	Di-n-butylphthalate	10	U	10	10	100	ug/L
206-44-0	Fluoranthene	4	U	4	10	100	ug/L
92-87-5	Benzidine	20	U	20	20	100	ug/L
129-00-0	Pyrene	2	U	2	10	100	ug/L

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Report of Analysis

Client:				Date Collected:	7/19/2017 12:00:00 AM
Project:				Date Received:	7/19/2017 12:00:00 AM
Client Sample ID:	72-11987			SDG No.:	BM072117
Lab Sample ID:	I4312-07			Matrix:	water
Analytical Method:	8270D			% Moisture:	100
Sample Wt/Vol:	100	Units:	mL	Final Vol:	1000 uL
Soil Aliquot Vol:			uL	Test:	
Extraction Type :			Decanted :	Level :	LOW
Injection Volume :			GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM010949.D	1	7/21/2017 12:00:00 AM	7/21/2017 12:00:00 AM	PB100830

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
85-68-7	Butylbenzylphthalate	1.9	U	1.9	10	100	ug/L
91-94-1	3,3-Dichlorobenzidine	10	U	10	10	100	ug/L
56-55-3	Benzo(a)anthracene	1.6	U	1.6	10	100	ug/L
218-01-9	Chrysene	1.8	U	1.8	10	100	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	1.6	U	1.6	10	100	ug/L
117-84-0	Di-n-octyl phthalate	5.1	U	5.1	10	100	ug/L
205-99-2	Benzo(b)fluoranthene	2.9	U	2.9	10	100	ug/L
207-08-9	Benzo(k)fluoranthene	1.8	U	1.8	10	100	ug/L
50-32-8	Benzo(a)pyrene	1.4	U	1.4	10	100	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	1.5	U	1.5	10	100	ug/L
53-70-3	Dibenzo(a,h)anthracene	4.2	U	4.2	10	100	ug/L
191-24-2	Benzo(g,h,i)perylene	2.9	U	2.9	10	100	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	2	U	2	10	100	ug/L
123-91-1	1,4-Dioxane	2	U	2	50	100	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	2	U	2	10	100	ug/L
SURROGATES							
367-12-4	2-Fluorophenol	115.93		10-130		77	SPK: -150
13127-88-3	Phenol-d6	104.02		10-130		69	SPK: -150
4165-60-0	Nitrobenzene-d5	83.7		36-131		84	SPK: -100
321-60-8	2-Fluorobiphenyl	82.44		39-131		82	SPK: -100
118-79-6	2,4,6-Tribromophenol	144.34		25-155		96	SPK: -150
1718-51-0	Terphenyl-d14	82.57		23-130		83	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	277272	7.42				
1146-65-2	Naphthalene-d8	1018881	10.18				
15067-26-2	Acenaphthene-d10	669008	14.07				
1517-22-2	Phenanthrene-d10	1686483	16.83				
1719-03-5	Chrysene-d12	1657135	21.05				
1520-96-3	Perylene-d12	1409504	23.17				

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Report of Analysis

Client:				Date Collected:	7/19/2017 12:00:00 AM
Project:				Date Received:	7/19/2017 12:00:00 AM
Client Sample ID:	72-11978			SDG No.:	BM072117
Lab Sample ID:	I4312-11			Matrix:	water
Analytical Method:	8270D			% Moisture:	100
Sample Wt/Vol:	100	Units:	mL	Final Vol:	1000 uL
Soil Aliquot Vol:			uL	Test:	
Extraction Type :			Decanted :	Level :	LOW
Injection Volume :			GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM010950.D	1	7/21/2017 12:00:00 AM	7/21/2017 12:00:00 AM	PB100830

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	2.7	U	2.7	20	100	ug/L
110-86-1	Pyridine	10	U	10	10	100	ug/L
100-52-7	Benzaldehyde	7.7	U	7.7	10	100	ug/L
62-53-3	Aniline	10	U	10	10	100	ug/L
108-95-2	Phenol	2.1	U	2.1	10	100	ug/L
111-44-4	bis(2-Chloroethyl)ether	5.5	U	5.5	10	100	ug/L
95-57-8	2-Chlorophenol	5.4	U	5.4	10	100	ug/L
95-50-1	1,2-Dichlorobenzene	2.6	U	2.6	10	100	ug/L
541-73-1	1,3-Dichlorobenzene	1.3	U	1.3	10	100	ug/L
106-46-7	1,4-Dichlorobenzene	2	U	2	10	100	ug/L
100-51-6	Benzyl Alcohol	3.5	U	3.5	10	100	ug/L
95-48-7	2-Methylphenol	2.4	U	2.4	10	100	ug/L
108-60-1	2,2-oxybis(1-Chloropropane)	1.7	U	1.7	10	100	ug/L
98-86-2	Acetophenone	1.4	U	1.4	10	100	ug/L
65794-96-9	3+4-Methylphenols	3.8	U	3.8	10	100	ug/L
621-64-7	n-Nitroso-di-n-propylamine	2	U	2	10	100	ug/L
67-72-1	Hexachloroethane	2.5	U	2.5	10	100	ug/L
98-95-3	Nitrobenzene	6.8	U	6.8	10	100	ug/L
78-59-1	Isophorone	3	U	3	10	100	ug/L
88-75-5	2-Nitrophenol	5.2	U	5.2	10	100	ug/L
105-67-9	2,4-Dimethylphenol	7.1	U	7.1	10	100	ug/L
111-91-1	bis(2-Chloroethoxy)methane	5.5	U	5.5	10	100	ug/L
120-83-2	2,4-Dichlorophenol	6.6	U	6.6	10	100	ug/L
120-82-1	1,2,4-Trichlorobenzene	1.5	U	1.5	10	100	ug/L
65-85-0	Benzoic acid	20	U	20	80	100	ug/L
91-20-3	Naphthalene	1.2	U	1.2	10	100	ug/L
106-47-8	4-Chloroaniline	10	U	10	10	100	ug/L
87-68-3	Hexachlorobutadiene	2.5	U	2.5	10	100	ug/L
105-60-2	Caprolactam	10	U	10	10	100	ug/L
59-50-7	4-Chloro-3-methylphenol	4	U	4	10	100	ug/L
91-57-6	2-Methylnaphthalene	3.2	U	3.2	10	100	ug/L

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Report of Analysis

Client:				Date Collected:	7/19/2017 12:00:00 AM
Project:				Date Received:	7/19/2017 12:00:00 AM
Client Sample ID:	72-11978			SDG No.:	BM072117
Lab Sample ID:	I4312-11			Matrix:	water
Analytical Method:	8270D			% Moisture:	100
Sample Wt/Vol:	100	Units:	mL	Final Vol:	1000 uL
Soil Aliquot Vol:			uL	Test:	
Extraction Type :			Decanted :	Level :	LOW
Injection Volume :			GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM010950.D	1	7/21/2017 12:00:00 AM	7/21/2017 12:00:00 AM	PB100830

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
77-47-4	Hexachlorocyclopentadiene	2.4	U	2.4	10	100	ug/L
88-06-2	2,4,6-Trichlorophenol	5.6	U	5.6	10	100	ug/L
95-95-4	2,4,5-Trichlorophenol	4	U	4	10	100	ug/L
92-52-4	1,1-Biphenyl	1.5	U	1.5	10	100	ug/L
91-58-7	2-Chloronaphthalene	1.6	U	1.6	10	100	ug/L
88-74-4	2-Nitroaniline	4.9	U	4.9	10	100	ug/L
131-11-3	Dimethylphthalate	2.2	U	2.2	10	100	ug/L
208-96-8	Acenaphthylene	7	U	7	10	100	ug/L
606-20-2	2,6-Dinitrotoluene	3.2	U	3.2	10	100	ug/L
99-09-2	3-Nitroaniline	10	U	10	10	100	ug/L
83-32-9	Acenaphthene	2.1	U	2.1	10	100	ug/L
51-28-5	2,4-Dinitrophenol	21	U	21	80	100	ug/L
100-02-7	4-Nitrophenol	20	U	20	50	100	ug/L
132-64-9	Dibenzofuran	2.4	U	2.4	10	100	ug/L
121-14-2	2,4-Dinitrotoluene	10	U	10	10	100	ug/L
84-66-2	Diethylphthalate	3.8	U	3.8	10	100	ug/L
7005-72-3	4-Chlorophenyl-phenylether	2.1	U	2.1	10	100	ug/L
86-73-7	Fluorene	3.1	U	3.1	10	100	ug/L
100-01-6	4-Nitroaniline	13.6	U	13.6	20	100	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	7.4	U	7.4	20	100	ug/L
86-30-6	n-Nitrosodiphenylamine	6	U	6	10	100	ug/L
103-33-3	Azobenzene	2.2	U	2.2	10	100	ug/L
101-55-3	4-Bromophenyl-phenylether	2.3	U	2.3	10	100	ug/L
118-74-1	Hexachlorobenzene	1.8	U	1.8	10	100	ug/L
1912-24-9	Atrazine	4	U	4	10	100	ug/L
87-86-5	Pentachlorophenol	10	U	10	10	100	ug/L
85-01-8	Phenanthrene	2.6	U	2.6	10	100	ug/L
120-12-7	Anthracene	1.6	U	1.6	10	100	ug/L
86-74-8	Carbazole	2.2	U	2.2	10	100	ug/L
84-74-2	Di-n-butylphthalate	10	U	10	10	100	ug/L
206-44-0	Fluoranthene	4	U	4	10	100	ug/L
92-87-5	Benzidine	20	U	20	20	100	ug/L
129-00-0	Pyrene	2	U	2	10	100	ug/L

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Report of Analysis

Client:				Date Collected:	7/19/2017 12:00:00 AM
Project:				Date Received:	7/19/2017 12:00:00 AM
Client Sample ID:	72-11978			SDG No.:	BM072117
Lab Sample ID:	I4312-11			Matrix:	water
Analytical Method:	8270D			% Moisture:	100
Sample Wt/Vol:	100	Units:	mL	Final Vol:	1000 uL
Soil Aliquot Vol:			uL	Test:	
Extraction Type :			Decanted :	Level :	LOW
Injection Volume :			GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM010950.D	1	7/21/2017 12:00:00 AM	7/21/2017 12:00:00 AM	PB100830

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
85-68-7	Butylbenzylphthalate	1.9	U	1.9	10	100	ug/L
91-94-1	3,3-Dichlorobenzidine	10	U	10	10	100	ug/L
56-55-3	Benzo(a)anthracene	1.6	U	1.6	10	100	ug/L
218-01-9	Chrysene	1.8	U	1.8	10	100	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	1.6	U	1.6	10	100	ug/L
117-84-0	Di-n-octyl phthalate	5.1	U	5.1	10	100	ug/L
205-99-2	Benzo(b)fluoranthene	2.9	U	2.9	10	100	ug/L
207-08-9	Benzo(k)fluoranthene	1.8	U	1.8	10	100	ug/L
50-32-8	Benzo(a)pyrene	1.4	U	1.4	10	100	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	1.5	U	1.5	10	100	ug/L
53-70-3	Dibenzo(a,h)anthracene	4.2	U	4.2	10	100	ug/L
191-24-2	Benzo(g,h,i)perylene	2.9	U	2.9	10	100	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	2	U	2	10	100	ug/L
123-91-1	1,4-Dioxane	2	U	2	50	100	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	2	U	2	10	100	ug/L
SURROGATES							
367-12-4	2-Fluorophenol	105.36		10-130		70	SPK: -150
13127-88-3	Phenol-d6	94.28		10-130		63	SPK: -150
4165-60-0	Nitrobenzene-d5	75.78		36-131		76	SPK: -100
321-60-8	2-Fluorobiphenyl	72.86		39-131		73	SPK: -100
118-79-6	2,4,6-Tribromophenol	118.87		25-155		79	SPK: -150
1718-51-0	Terphenyl-d14	80		23-130		80	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	317713	7.42				
1146-65-2	Naphthalene-d8	1196240	10.18				
15067-26-2	Acenaphthene-d10	790913	14.07				
1517-22-2	Phenanthrene-d10	1847445	16.83				
1719-03-5	Chrysene-d12	1507836	21.05				
1520-96-3	Perylene-d12	1399295	23.17				

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Report of Analysis

Client:				Date Collected:	7/19/2017 12:00:00 AM
Project:				Date Received:	7/19/2017 12:00:00 AM
Client Sample ID:	VNJ-237			SDG No.:	BM072117
Lab Sample ID:	I4312-15			Matrix:	water
Analytical Method:	8270D			% Moisture:	100
Sample Wt/Vol:	100	Units:	mL	Final Vol:	1000 uL
Soil Aliquot Vol:			uL	Test:	
Extraction Type :			Decanted :	Level :	LOW
Injection Volume :			GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM010951.D	1	7/21/2017 12:00:00 AM	7/22/2017 12:00:00 AM	PB100830

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	2.7	U	2.7	20	100	ug/L
110-86-1	Pyridine	10	U	10	10	100	ug/L
100-52-7	Benzaldehyde	7.7	U	7.7	10	100	ug/L
62-53-3	Aniline	10	U	10	10	100	ug/L
108-95-2	Phenol	2.1	U	2.1	10	100	ug/L
111-44-4	bis(2-Chloroethyl)ether	5.5	U	5.5	10	100	ug/L
95-57-8	2-Chlorophenol	5.4	U	5.4	10	100	ug/L
95-50-1	1,2-Dichlorobenzene	2.6	U	2.6	10	100	ug/L
541-73-1	1,3-Dichlorobenzene	1.3	U	1.3	10	100	ug/L
106-46-7	1,4-Dichlorobenzene	2	U	2	10	100	ug/L
100-51-6	Benzyl Alcohol	3.5	U	3.5	10	100	ug/L
95-48-7	2-Methylphenol	2.4	U	2.4	10	100	ug/L
108-60-1	2,2-oxybis(1-Chloropropane)	1.7	U	1.7	10	100	ug/L
98-86-2	Acetophenone	1.4	U	1.4	10	100	ug/L
65794-96-9	3+4-Methylphenols	3.8	U	3.8	10	100	ug/L
621-64-7	n-Nitroso-di-n-propylamine	2	U	2	10	100	ug/L
67-72-1	Hexachloroethane	2.5	U	2.5	10	100	ug/L
98-95-3	Nitrobenzene	6.8	U	6.8	10	100	ug/L
78-59-1	Isophorone	3	U	3	10	100	ug/L
88-75-5	2-Nitrophenol	5.2	U	5.2	10	100	ug/L
105-67-9	2,4-Dimethylphenol	7.1	U	7.1	10	100	ug/L
111-91-1	bis(2-Chloroethoxy)methane	5.5	U	5.5	10	100	ug/L
120-83-2	2,4-Dichlorophenol	6.6	U	6.6	10	100	ug/L
120-82-1	1,2,4-Trichlorobenzene	1.5	U	1.5	10	100	ug/L
65-85-0	Benzoic acid	20	U	20	80	100	ug/L
91-20-3	Naphthalene	1.2	U	1.2	10	100	ug/L
106-47-8	4-Chloroaniline	10	U	10	10	100	ug/L
87-68-3	Hexachlorobutadiene	2.5	U	2.5	10	100	ug/L
105-60-2	Caprolactam	10	U	10	10	100	ug/L
59-50-7	4-Chloro-3-methylphenol	4	U	4	10	100	ug/L
91-57-6	2-Methylnaphthalene	3.2	U	3.2	10	100	ug/L

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Report of Analysis

Client:				Date Collected:	7/19/2017 12:00:00 AM
Project:				Date Received:	7/19/2017 12:00:00 AM
Client Sample ID:	VNJ-237			SDG No.:	BM072117
Lab Sample ID:	I4312-15			Matrix:	water
Analytical Method:	8270D			% Moisture:	100
Sample Wt/Vol:	100	Units:	mL	Final Vol:	1000 uL
Soil Aliquot Vol:			uL	Test:	
Extraction Type :			Decanted :	Level :	LOW
Injection Volume :			GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM010951.D	1	7/21/2017 12:00:00 AM	7/22/2017 12:00:00 AM	PB100830

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
77-47-4	Hexachlorocyclopentadiene	2.4	U	2.4	10	100	ug/L
88-06-2	2,4,6-Trichlorophenol	5.6	U	5.6	10	100	ug/L
95-95-4	2,4,5-Trichlorophenol	4	U	4	10	100	ug/L
92-52-4	1,1-Biphenyl	1.5	U	1.5	10	100	ug/L
91-58-7	2-Chloronaphthalene	1.6	U	1.6	10	100	ug/L
88-74-4	2-Nitroaniline	4.9	U	4.9	10	100	ug/L
131-11-3	Dimethylphthalate	2.2	U	2.2	10	100	ug/L
208-96-8	Acenaphthylene	7	U	7	10	100	ug/L
606-20-2	2,6-Dinitrotoluene	3.2	U	3.2	10	100	ug/L
99-09-2	3-Nitroaniline	10	U	10	10	100	ug/L
83-32-9	Acenaphthene	2.1	U	2.1	10	100	ug/L
51-28-5	2,4-Dinitrophenol	21	U	21	80	100	ug/L
100-02-7	4-Nitrophenol	20	U	20	50	100	ug/L
132-64-9	Dibenzofuran	2.4	U	2.4	10	100	ug/L
121-14-2	2,4-Dinitrotoluene	10	U	10	10	100	ug/L
84-66-2	Diethylphthalate	3.8	U	3.8	10	100	ug/L
7005-72-3	4-Chlorophenyl-phenylether	2.1	U	2.1	10	100	ug/L
86-73-7	Fluorene	3.1	U	3.1	10	100	ug/L
100-01-6	4-Nitroaniline	13.6	U	13.6	20	100	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	7.4	U	7.4	20	100	ug/L
86-30-6	n-Nitrosodiphenylamine	6	U	6	10	100	ug/L
103-33-3	Azobenzene	2.2	U	2.2	10	100	ug/L
101-55-3	4-Bromophenyl-phenylether	2.3	U	2.3	10	100	ug/L
118-74-1	Hexachlorobenzene	1.8	U	1.8	10	100	ug/L
1912-24-9	Atrazine	4	U	4	10	100	ug/L
87-86-5	Pentachlorophenol	10	U	10	10	100	ug/L
85-01-8	Phenanthrene	2.6	U	2.6	10	100	ug/L
120-12-7	Anthracene	1.6	U	1.6	10	100	ug/L
86-74-8	Carbazole	2.2	U	2.2	10	100	ug/L
84-74-2	Di-n-butylphthalate	10	U	10	10	100	ug/L
206-44-0	Fluoranthene	4	U	4	10	100	ug/L
92-87-5	Benzidine	48.9	J	20	20	100	ug/L
129-00-0	Pyrene	2	U	2	10	100	ug/L

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Report of Analysis

Client:				Date Collected:	7/19/2017 12:00:00 AM
Project:				Date Received:	7/19/2017 12:00:00 AM
Client Sample ID:	VNJ-237			SDG No.:	BM072117
Lab Sample ID:	I4312-15			Matrix:	water
Analytical Method:	8270D			% Moisture:	100
Sample Wt/Vol:	100	Units:	mL	Final Vol:	1000 uL
Soil Aliquot Vol:			uL	Test:	
Extraction Type :			Decanted :	Level :	LOW
Injection Volume :			GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM010951.D	1	7/21/2017 12:00:00 AM	7/22/2017 12:00:00 AM	PB100830

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
85-68-7	Butylbenzylphthalate	1.9	U	1.9	10	100	ug/L
91-94-1	3,3-Dichlorobenzidine	10	U	10	10	100	ug/L
56-55-3	Benzo(a)anthracene	1.6	U	1.6	10	100	ug/L
218-01-9	Chrysene	1.8	U	1.8	10	100	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	1.6	U	1.6	10	100	ug/L
117-84-0	Di-n-octyl phthalate	5.1	U	5.1	10	100	ug/L
205-99-2	Benzo(b)fluoranthene	2.9	U	2.9	10	100	ug/L
207-08-9	Benzo(k)fluoranthene	1.8	U	1.8	10	100	ug/L
50-32-8	Benzo(a)pyrene	1.4	U	1.4	10	100	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	1.5	U	1.5	10	100	ug/L
53-70-3	Dibenzo(a,h)anthracene	4.2	U	4.2	10	100	ug/L
191-24-2	Benzo(g,h,i)perylene	2.9	U	2.9	10	100	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	2	U	2	10	100	ug/L
123-91-1	1,4-Dioxane	2	U	2	50	100	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	2	U	2	10	100	ug/L
SURROGATES							
367-12-4	2-Fluorophenol	99.02		10-130		66	SPK: -150
13127-88-3	Phenol-d6	91.22		10-130		61	SPK: -150
4165-60-0	Nitrobenzene-d5	71.19		36-131		71	SPK: -100
321-60-8	2-Fluorobiphenyl	70.42		39-131		70	SPK: -100
118-79-6	2,4,6-Tribromophenol	125.28		25-155		84	SPK: -150
1718-51-0	Terphenyl-d14	78.59		23-130		79	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	254694	7.42				
1146-65-2	Naphthalene-d8	972963	10.18				
15067-26-2	Acenaphthene-d10	632981	14.07				
1517-22-2	Phenanthrene-d10	1649224	16.83				
1719-03-5	Chrysene-d12	1598307	21.05				
1520-96-3	Perylene-d12	1337724	23.17				

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Report of Analysis

Client:				Date Collected:	7/19/2017 12:00:00 AM
Project:				Date Received:	7/19/2017 12:00:00 AM
Client Sample ID:	156			SDG No.:	BM072117
Lab Sample ID:	I4312-19			Matrix:	water
Analytical Method:	8270D			% Moisture:	100
Sample Wt/Vol:	100	Units:	mL	Final Vol:	1000 uL
Soil Aliquot Vol:			uL	Test:	
Extraction Type :			Decanted :	Level :	LOW
Injection Volume :			GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM010952.D	1	7/21/2017 12:00:00 AM	7/22/2017 12:00:00 AM	PB100830

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	2.7	U	2.7	20	100	ug/L
110-86-1	Pyridine	10	U	10	10	100	ug/L
100-52-7	Benzaldehyde	7.7	U	7.7	10	100	ug/L
62-53-3	Aniline	10	U	10	10	100	ug/L
108-95-2	Phenol	2.1	U	2.1	10	100	ug/L
111-44-4	bis(2-Chloroethyl)ether	5.5	U	5.5	10	100	ug/L
95-57-8	2-Chlorophenol	5.4	U	5.4	10	100	ug/L
95-50-1	1,2-Dichlorobenzene	2.6	U	2.6	10	100	ug/L
541-73-1	1,3-Dichlorobenzene	1.3	U	1.3	10	100	ug/L
106-46-7	1,4-Dichlorobenzene	2	U	2	10	100	ug/L
100-51-6	Benzyl Alcohol	3.5	U	3.5	10	100	ug/L
95-48-7	2-Methylphenol	2.4	U	2.4	10	100	ug/L
108-60-1	2,2-oxybis(1-Chloropropane)	1.7	U	1.7	10	100	ug/L
98-86-2	Acetophenone	1.4	U	1.4	10	100	ug/L
65794-96-9	3+4-Methylphenols	3.8	U	3.8	10	100	ug/L
621-64-7	n-Nitroso-di-n-propylamine	2	U	2	10	100	ug/L
67-72-1	Hexachloroethane	2.5	U	2.5	10	100	ug/L
98-95-3	Nitrobenzene	6.8	U	6.8	10	100	ug/L
78-59-1	Isophorone	3	U	3	10	100	ug/L
88-75-5	2-Nitrophenol	5.2	U	5.2	10	100	ug/L
105-67-9	2,4-Dimethylphenol	7.1	U	7.1	10	100	ug/L
111-91-1	bis(2-Chloroethoxy)methane	5.5	U	5.5	10	100	ug/L
120-83-2	2,4-Dichlorophenol	6.6	U	6.6	10	100	ug/L
120-82-1	1,2,4-Trichlorobenzene	1.5	U	1.5	10	100	ug/L
65-85-0	Benzoic acid	20	U	20	80	100	ug/L
91-20-3	Naphthalene	1.2	U	1.2	10	100	ug/L
106-47-8	4-Chloroaniline	10	U	10	10	100	ug/L
87-68-3	Hexachlorobutadiene	2.5	U	2.5	10	100	ug/L
105-60-2	Caprolactam	10	U	10	10	100	ug/L
59-50-7	4-Chloro-3-methylphenol	4	U	4	10	100	ug/L
91-57-6	2-Methylnaphthalene	3.2	U	3.2	10	100	ug/L

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Report of Analysis

Client:				Date Collected:	7/19/2017 12:00:00 AM
Project:				Date Received:	7/19/2017 12:00:00 AM
Client Sample ID:	156			SDG No.:	BM072117
Lab Sample ID:	I4312-19			Matrix:	water
Analytical Method:	8270D			% Moisture:	100
Sample Wt/Vol:	100	Units:	mL	Final Vol:	1000 uL
Soil Aliquot Vol:			uL	Test:	
Extraction Type :			Decanted :	Level :	LOW
Injection Volume :			GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM010952.D	1	7/21/2017 12:00:00 AM	7/22/2017 12:00:00 AM	PB100830

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
77-47-4	Hexachlorocyclopentadiene	2.4	U	2.4	10	100	ug/L
88-06-2	2,4,6-Trichlorophenol	5.6	U	5.6	10	100	ug/L
95-95-4	2,4,5-Trichlorophenol	4	U	4	10	100	ug/L
92-52-4	1,1-Biphenyl	1.5	U	1.5	10	100	ug/L
91-58-7	2-Chloronaphthalene	1.6	U	1.6	10	100	ug/L
88-74-4	2-Nitroaniline	4.9	U	4.9	10	100	ug/L
131-11-3	Dimethylphthalate	2.2	U	2.2	10	100	ug/L
208-96-8	Acenaphthylene	7	U	7	10	100	ug/L
606-20-2	2,6-Dinitrotoluene	3.2	U	3.2	10	100	ug/L
99-09-2	3-Nitroaniline	10	U	10	10	100	ug/L
83-32-9	Acenaphthene	2.1	U	2.1	10	100	ug/L
51-28-5	2,4-Dinitrophenol	21	U	21	80	100	ug/L
100-02-7	4-Nitrophenol	20	U	20	50	100	ug/L
132-64-9	Dibenzofuran	2.4	U	2.4	10	100	ug/L
121-14-2	2,4-Dinitrotoluene	10	U	10	10	100	ug/L
84-66-2	Diethylphthalate	3.8	U	3.8	10	100	ug/L
7005-72-3	4-Chlorophenyl-phenylether	2.1	U	2.1	10	100	ug/L
86-73-7	Fluorene	3.1	U	3.1	10	100	ug/L
100-01-6	4-Nitroaniline	13.6	U	13.6	20	100	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	7.4	U	7.4	20	100	ug/L
86-30-6	n-Nitrosodiphenylamine	6	U	6	10	100	ug/L
103-33-3	Azobenzene	2.2	U	2.2	10	100	ug/L
101-55-3	4-Bromophenyl-phenylether	2.3	U	2.3	10	100	ug/L
118-74-1	Hexachlorobenzene	1.8	U	1.8	10	100	ug/L
1912-24-9	Atrazine	4	U	4	10	100	ug/L
87-86-5	Pentachlorophenol	10	U	10	10	100	ug/L
85-01-8	Phenanthrene	2.6	U	2.6	10	100	ug/L
120-12-7	Anthracene	1.6	U	1.6	10	100	ug/L
86-74-8	Carbazole	2.2	U	2.2	10	100	ug/L
84-74-2	Di-n-butylphthalate	10	U	10	10	100	ug/L
206-44-0	Fluoranthene	4	U	4	10	100	ug/L
92-87-5	Benzidine	20	U	20	20	100	ug/L
129-00-0	Pyrene	2	U	2	10	100	ug/L

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Report of Analysis

Client:				Date Collected:	7/19/2017 12:00:00 AM
Project:				Date Received:	7/19/2017 12:00:00 AM
Client Sample ID:	156			SDG No.:	BM072117
Lab Sample ID:	I4312-19			Matrix:	water
Analytical Method:	8270D			% Moisture:	100
Sample Wt/Vol:	100	Units:	mL	Final Vol:	1000 uL
Soil Aliquot Vol:			uL	Test:	
Extraction Type :			Decanted :	Level :	LOW
Injection Volume :			GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM010952.D	1	7/21/2017 12:00:00 AM	7/22/2017 12:00:00 AM	PB100830

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
85-68-7	Butylbenzylphthalate	1.9	U	1.9	10	100	ug/L
91-94-1	3,3-Dichlorobenzidine	10	U	10	10	100	ug/L
56-55-3	Benzo(a)anthracene	1.6	U	1.6	10	100	ug/L
218-01-9	Chrysene	1.8	U	1.8	10	100	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	1.6	U	1.6	10	100	ug/L
117-84-0	Di-n-octyl phthalate	5.1	U	5.1	10	100	ug/L
205-99-2	Benzo(b)fluoranthene	2.9	U	2.9	10	100	ug/L
207-08-9	Benzo(k)fluoranthene	1.8	U	1.8	10	100	ug/L
50-32-8	Benzo(a)pyrene	1.4	U	1.4	10	100	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	1.5	U	1.5	10	100	ug/L
53-70-3	Dibenzo(a,h)anthracene	4.2	U	4.2	10	100	ug/L
191-24-2	Benzo(g,h,i)perylene	2.9	U	2.9	10	100	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	2	U	2	10	100	ug/L
123-91-1	1,4-Dioxane	2	U	2	50	100	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	2	U	2	10	100	ug/L
SURROGATES							
367-12-4	2-Fluorophenol	116.74		10-130		78	SPK: -150
13127-88-3	Phenol-d6	107.09		10-130		71	SPK: -150
4165-60-0	Nitrobenzene-d5	82		36-131		82	SPK: -100
321-60-8	2-Fluorobiphenyl	80.69		39-131		81	SPK: -100
118-79-6	2,4,6-Tribromophenol	141.95		25-155		95	SPK: -150
1718-51-0	Terphenyl-d14	87.45		23-130		87	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	269221	7.42				
1146-65-2	Naphthalene-d8	1025380	10.18				
15067-26-2	Acenaphthene-d10	679082	14.07				
1517-22-2	Phenanthrene-d10	1726899	16.83				
1719-03-5	Chrysene-d12	1673883	21.05				
1520-96-3	Perylene-d12	1389342	23.17				

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Report of Analysis

Client:				Date Collected:	7/19/2017 12:00:00 AM
Project:				Date Received:	7/19/2017 12:00:00 AM
Client Sample ID:	B-COMB-1			SDG No.:	BM072117
Lab Sample ID:	I4313-04			Matrix:	water
Analytical Method:	8270D			% Moisture:	100
Sample Wt/Vol:	100	Units:	mL	Final Vol:	1000 uL
Soil Aliquot Vol:			uL	Test:	
Extraction Type :			Decanted :	Level :	LOW
Injection Volume :			GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM010953.D	1	7/21/2017 12:00:00 AM	7/22/2017 12:00:00 AM	PB100830

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	2.7	U	2.7	20	100	ug/L
110-86-1	Pyridine	10	U	10	10	100	ug/L
100-52-7	Benzaldehyde	7.7	U	7.7	10	100	ug/L
62-53-3	Aniline	10	U	10	10	100	ug/L
108-95-2	Phenol	2.1	U	2.1	10	100	ug/L
111-44-4	bis(2-Chloroethyl)ether	5.5	U	5.5	10	100	ug/L
95-57-8	2-Chlorophenol	5.4	U	5.4	10	100	ug/L
95-50-1	1,2-Dichlorobenzene	2.6	U	2.6	10	100	ug/L
541-73-1	1,3-Dichlorobenzene	1.3	U	1.3	10	100	ug/L
106-46-7	1,4-Dichlorobenzene	2	U	2	10	100	ug/L
100-51-6	Benzyl Alcohol	3.5	U	3.5	10	100	ug/L
95-48-7	2-Methylphenol	2.4	U	2.4	10	100	ug/L
108-60-1	2,2-oxybis(1-Chloropropane)	1.7	U	1.7	10	100	ug/L
98-86-2	Acetophenone	1.4	U	1.4	10	100	ug/L
65794-96-9	3+4-Methylphenols	3.8	U	3.8	10	100	ug/L
621-64-7	n-Nitroso-di-n-propylamine	2	U	2	10	100	ug/L
67-72-1	Hexachloroethane	2.5	U	2.5	10	100	ug/L
98-95-3	Nitrobenzene	6.8	U	6.8	10	100	ug/L
78-59-1	Isophorone	3	U	3	10	100	ug/L
88-75-5	2-Nitrophenol	5.2	U	5.2	10	100	ug/L
105-67-9	2,4-Dimethylphenol	7.1	U	7.1	10	100	ug/L
111-91-1	bis(2-Chloroethoxy)methane	5.5	U	5.5	10	100	ug/L
120-83-2	2,4-Dichlorophenol	6.6	U	6.6	10	100	ug/L
120-82-1	1,2,4-Trichlorobenzene	1.5	U	1.5	10	100	ug/L
65-85-0	Benzoic acid	20	U	20	80	100	ug/L
91-20-3	Naphthalene	1.2	U	1.2	10	100	ug/L
106-47-8	4-Chloroaniline	10	U	10	10	100	ug/L
87-68-3	Hexachlorobutadiene	2.5	U	2.5	10	100	ug/L
105-60-2	Caprolactam	10	U	10	10	100	ug/L
59-50-7	4-Chloro-3-methylphenol	4	U	4	10	100	ug/L
91-57-6	2-Methylnaphthalene	3.2	U	3.2	10	100	ug/L

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Report of Analysis

Client:				Date Collected:	7/19/2017 12:00:00 AM
Project:				Date Received:	7/19/2017 12:00:00 AM
Client Sample ID:	B-COMB-1			SDG No.:	BM072117
Lab Sample ID:	I4313-04			Matrix:	water
Analytical Method:	8270D			% Moisture:	100
Sample Wt/Vol:	100	Units:	mL	Final Vol:	1000 uL
Soil Aliquot Vol:			uL	Test:	
Extraction Type :			Decanted :	Level :	LOW
Injection Volume :			GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM010953.D	1	7/21/2017 12:00:00 AM	7/22/2017 12:00:00 AM	PB100830

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
77-47-4	Hexachlorocyclopentadiene	2.4	U	2.4	10	100	ug/L
88-06-2	2,4,6-Trichlorophenol	5.6	U	5.6	10	100	ug/L
95-95-4	2,4,5-Trichlorophenol	4	U	4	10	100	ug/L
92-52-4	1,1-Biphenyl	1.5	U	1.5	10	100	ug/L
91-58-7	2-Chloronaphthalene	1.6	U	1.6	10	100	ug/L
88-74-4	2-Nitroaniline	4.9	U	4.9	10	100	ug/L
131-11-3	Dimethylphthalate	2.2	U	2.2	10	100	ug/L
208-96-8	Acenaphthylene	7	U	7	10	100	ug/L
606-20-2	2,6-Dinitrotoluene	3.2	U	3.2	10	100	ug/L
99-09-2	3-Nitroaniline	10	U	10	10	100	ug/L
83-32-9	Acenaphthene	2.1	U	2.1	10	100	ug/L
51-28-5	2,4-Dinitrophenol	21	U	21	80	100	ug/L
100-02-7	4-Nitrophenol	20	U	20	50	100	ug/L
132-64-9	Dibenzofuran	2.4	U	2.4	10	100	ug/L
121-14-2	2,4-Dinitrotoluene	10	U	10	10	100	ug/L
84-66-2	Diethylphthalate	3.8	U	3.8	10	100	ug/L
7005-72-3	4-Chlorophenyl-phenylether	2.1	U	2.1	10	100	ug/L
86-73-7	Fluorene	3.1	U	3.1	10	100	ug/L
100-01-6	4-Nitroaniline	13.6	U	13.6	20	100	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	7.4	U	7.4	20	100	ug/L
86-30-6	n-Nitrosodiphenylamine	6	U	6	10	100	ug/L
103-33-3	Azobenzene	2.2	U	2.2	10	100	ug/L
101-55-3	4-Bromophenyl-phenylether	2.3	U	2.3	10	100	ug/L
118-74-1	Hexachlorobenzene	1.8	U	1.8	10	100	ug/L
1912-24-9	Atrazine	4	U	4	10	100	ug/L
87-86-5	Pentachlorophenol	10	U	10	10	100	ug/L
85-01-8	Phenanthrene	2.6	U	2.6	10	100	ug/L
120-12-7	Anthracene	1.6	U	1.6	10	100	ug/L
86-74-8	Carbazole	2.2	U	2.2	10	100	ug/L
84-74-2	Di-n-butylphthalate	10	U	10	10	100	ug/L
206-44-0	Fluoranthene	4	U	4	10	100	ug/L
92-87-5	Benzidine	20	U	20	20	100	ug/L
129-00-0	Pyrene	2	U	2	10	100	ug/L

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Report of Analysis

Client:				Date Collected:	7/19/2017 12:00:00 AM
Project:				Date Received:	7/19/2017 12:00:00 AM
Client Sample ID:	B-COMB-1			SDG No.:	BM072117
Lab Sample ID:	I4313-04			Matrix:	water
Analytical Method:	8270D			% Moisture:	100
Sample Wt/Vol:	100	Units:	mL	Final Vol:	1000 uL
Soil Aliquot Vol:			uL	Test:	
Extraction Type :			Decanted :	Level :	LOW
Injection Volume :			GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM010953.D	1	7/21/2017 12:00:00 AM	7/22/2017 12:00:00 AM	PB100830

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
85-68-7	Butylbenzylphthalate	1.9	U	1.9	10	100	ug/L
91-94-1	3,3-Dichlorobenzidine	10	U	10	10	100	ug/L
56-55-3	Benzo(a)anthracene	1.6	U	1.6	10	100	ug/L
218-01-9	Chrysene	1.8	U	1.8	10	100	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	1.6	U	1.6	10	100	ug/L
117-84-0	Di-n-octyl phthalate	5.1	U	5.1	10	100	ug/L
205-99-2	Benzo(b)fluoranthene	2.9	U	2.9	10	100	ug/L
207-08-9	Benzo(k)fluoranthene	1.8	U	1.8	10	100	ug/L
50-32-8	Benzo(a)pyrene	1.4	U	1.4	10	100	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	1.5	U	1.5	10	100	ug/L
53-70-3	Dibenzo(a,h)anthracene	4.2	U	4.2	10	100	ug/L
191-24-2	Benzo(g,h,i)perylene	2.9	U	2.9	10	100	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	2	U	2	10	100	ug/L
123-91-1	1,4-Dioxane	2	U	2	50	100	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	2	U	2	10	100	ug/L
SURROGATES							
367-12-4	2-Fluorophenol	125.2		10-130		83	SPK: -150
13127-88-3	Phenol-d6	49.54		10-130		33	SPK: -150
4165-60-0	Nitrobenzene-d5	89.87		36-131		90	SPK: -100
321-60-8	2-Fluorobiphenyl	305.35	*	39-131		305	SPK: -100
118-79-6	2,4,6-Tribromophenol	515.38	*	25-155		344	SPK: -150
1718-51-0	Terphenyl-d14	378.07	*	23-130		378	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	252575	7.42				
1146-65-2	Naphthalene-d8	943950	10.18				
15067-26-2	Acenaphthene-d10	181068	14.07				
1517-22-2	Phenanthrene-d10	942527	16.83				
1719-03-5	Chrysene-d12	212173	21.04				
1520-96-3	Perylene-d12	11469	23.17				

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Report of Analysis

Client:				Date Collected:	7/19/2017 12:00:00 AM
Project:				Date Received:	7/19/2017 12:00:00 AM
Client Sample ID:	OR-02-071917			SDG No.:	BM072117
Lab Sample ID:	I4316-03			Matrix:	water
Analytical Method:	8270D			% Moisture:	100
Sample Wt/Vol:	100	Units:	mL	Final Vol:	1000 uL
Soil Aliquot Vol:			uL	Test:	
Extraction Type :			Decanted :	Level :	LOW
Injection Volume :			GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM010954.D	1	7/21/2017 12:00:00 AM	7/22/2017 12:00:00 AM	PB100830

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	2.7	U	2.7	20	100	ug/L
110-86-1	Pyridine	10	U	10	10	100	ug/L
100-52-7	Benzaldehyde	7.7	U	7.7	10	100	ug/L
62-53-3	Aniline	10	U	10	10	100	ug/L
108-95-2	Phenol	2.1	U	2.1	10	100	ug/L
111-44-4	bis(2-Chloroethyl)ether	5.5	U	5.5	10	100	ug/L
95-57-8	2-Chlorophenol	5.4	U	5.4	10	100	ug/L
95-50-1	1,2-Dichlorobenzene	2.6	U	2.6	10	100	ug/L
541-73-1	1,3-Dichlorobenzene	1.3	U	1.3	10	100	ug/L
106-46-7	1,4-Dichlorobenzene	2	U	2	10	100	ug/L
100-51-6	Benzyl Alcohol	3.5	U	3.5	10	100	ug/L
95-48-7	2-Methylphenol	2.4	U	2.4	10	100	ug/L
108-60-1	2,2-oxybis(1-Chloropropane)	1.7	U	1.7	10	100	ug/L
98-86-2	Acetophenone	1.4	U	1.4	10	100	ug/L
65794-96-9	3+4-Methylphenols	3.8	U	3.8	10	100	ug/L
621-64-7	n-Nitroso-di-n-propylamine	2	U	2	10	100	ug/L
67-72-1	Hexachloroethane	2.5	U	2.5	10	100	ug/L
98-95-3	Nitrobenzene	6.8	U	6.8	10	100	ug/L
78-59-1	Isophorone	3	U	3	10	100	ug/L
88-75-5	2-Nitrophenol	5.2	U	5.2	10	100	ug/L
105-67-9	2,4-Dimethylphenol	7.1	U	7.1	10	100	ug/L
111-91-1	bis(2-Chloroethoxy)methane	5.5	U	5.5	10	100	ug/L
120-83-2	2,4-Dichlorophenol	6.6	U	6.6	10	100	ug/L
120-82-1	1,2,4-Trichlorobenzene	1.5	U	1.5	10	100	ug/L
65-85-0	Benzoic acid	20	U	20	80	100	ug/L
91-20-3	Naphthalene	1.2	U	1.2	10	100	ug/L
106-47-8	4-Chloroaniline	10	U	10	10	100	ug/L
87-68-3	Hexachlorobutadiene	2.5	U	2.5	10	100	ug/L
105-60-2	Caprolactam	10	U	10	10	100	ug/L
59-50-7	4-Chloro-3-methylphenol	4	U	4	10	100	ug/L
91-57-6	2-Methylnaphthalene	3.2	U	3.2	10	100	ug/L

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Report of Analysis

Client:				Date Collected:	7/19/2017 12:00:00 AM
Project:				Date Received:	7/19/2017 12:00:00 AM
Client Sample ID:	OR-02-071917			SDG No.:	BM072117
Lab Sample ID:	I4316-03			Matrix:	water
Analytical Method:	8270D			% Moisture:	100
Sample Wt/Vol:	100	Units:	mL	Final Vol:	1000 uL
Soil Aliquot Vol:			uL	Test:	
Extraction Type :			Decanted :	Level :	LOW
Injection Volume :			GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM010954.D	1	7/21/2017 12:00:00 AM	7/22/2017 12:00:00 AM	PB100830

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
77-47-4	Hexachlorocyclopentadiene	2.4	U	2.4	10	100	ug/L
88-06-2	2,4,6-Trichlorophenol	5.6	U	5.6	10	100	ug/L
95-95-4	2,4,5-Trichlorophenol	4	U	4	10	100	ug/L
92-52-4	1,1-Biphenyl	1.5	U	1.5	10	100	ug/L
91-58-7	2-Chloronaphthalene	1.6	U	1.6	10	100	ug/L
88-74-4	2-Nitroaniline	4.9	U	4.9	10	100	ug/L
131-11-3	Dimethylphthalate	2.2	U	2.2	10	100	ug/L
208-96-8	Acenaphthylene	7	U	7	10	100	ug/L
606-20-2	2,6-Dinitrotoluene	3.2	U	3.2	10	100	ug/L
99-09-2	3-Nitroaniline	10	U	10	10	100	ug/L
83-32-9	Acenaphthene	2.1	U	2.1	10	100	ug/L
51-28-5	2,4-Dinitrophenol	21	U	21	80	100	ug/L
100-02-7	4-Nitrophenol	20	U	20	50	100	ug/L
132-64-9	Dibenzofuran	2.4	U	2.4	10	100	ug/L
121-14-2	2,4-Dinitrotoluene	10	U	10	10	100	ug/L
84-66-2	Diethylphthalate	3.8	U	3.8	10	100	ug/L
7005-72-3	4-Chlorophenyl-phenylether	2.1	U	2.1	10	100	ug/L
86-73-7	Fluorene	3.1	U	3.1	10	100	ug/L
100-01-6	4-Nitroaniline	13.6	U	13.6	20	100	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	7.4	U	7.4	20	100	ug/L
86-30-6	n-Nitrosodiphenylamine	6	U	6	10	100	ug/L
103-33-3	Azobenzene	2.2	U	2.2	10	100	ug/L
101-55-3	4-Bromophenyl-phenylether	2.3	U	2.3	10	100	ug/L
118-74-1	Hexachlorobenzene	1.8	U	1.8	10	100	ug/L
1912-24-9	Atrazine	4	U	4	10	100	ug/L
87-86-5	Pentachlorophenol	10	U	10	10	100	ug/L
85-01-8	Phenanthrene	2.6	U	2.6	10	100	ug/L
120-12-7	Anthracene	1.6	U	1.6	10	100	ug/L
86-74-8	Carbazole	2.2	U	2.2	10	100	ug/L
84-74-2	Di-n-butylphthalate	10	U	10	10	100	ug/L
206-44-0	Fluoranthene	4	U	4	10	100	ug/L
92-87-5	Benzidine	20	U	20	20	100	ug/L
129-00-0	Pyrene	2	U	2	10	100	ug/L

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Report of Analysis

Client:				Date Collected:	7/19/2017 12:00:00 AM
Project:				Date Received:	7/19/2017 12:00:00 AM
Client Sample ID:	OR-02-071917			SDG No.:	BM072117
Lab Sample ID:	I4316-03			Matrix:	water
Analytical Method:	8270D			% Moisture:	100
Sample Wt/Vol:	100	Units:	mL	Final Vol:	1000 uL
Soil Aliquot Vol:			uL	Test:	
Extraction Type :			Decanted :	Level :	LOW
Injection Volume :			GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM010954.D	1	7/21/2017 12:00:00 AM	7/22/2017 12:00:00 AM	PB100830

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
85-68-7	Butylbenzylphthalate	1.9	U	1.9	10	100	ug/L
91-94-1	3,3-Dichlorobenzidine	10	U	10	10	100	ug/L
56-55-3	Benzo(a)anthracene	1.6	U	1.6	10	100	ug/L
218-01-9	Chrysene	1.8	U	1.8	10	100	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	1.6	U	1.6	10	100	ug/L
117-84-0	Di-n-octyl phthalate	5.1	U	5.1	10	100	ug/L
205-99-2	Benzo(b)fluoranthene	2.9	U	2.9	10	100	ug/L
207-08-9	Benzo(k)fluoranthene	1.8	U	1.8	10	100	ug/L
50-32-8	Benzo(a)pyrene	1.4	U	1.4	10	100	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	1.5	U	1.5	10	100	ug/L
53-70-3	Dibenzo(a,h)anthracene	4.2	U	4.2	10	100	ug/L
191-24-2	Benzo(g,h,i)perylene	2.9	U	2.9	10	100	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	2	U	2	10	100	ug/L
123-91-1	1,4-Dioxane	2	U	2	50	100	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	2	U	2	10	100	ug/L
SURROGATES							
367-12-4	2-Fluorophenol	123.98		10-130		83	SPK: -150
13127-88-3	Phenol-d6	119.67		10-130		80	SPK: -150
4165-60-0	Nitrobenzene-d5	80.65		36-131		81	SPK: -100
321-60-8	2-Fluorobiphenyl	81.51		39-131		82	SPK: -100
118-79-6	2,4,6-Tribromophenol	157.17		25-155		105	SPK: -150
1718-51-0	Terphenyl-d14	82.25		23-130		82	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	241523	7.42				
1146-65-2	Naphthalene-d8	936829	10.18				
15067-26-2	Acenaphthene-d10	609425	14.07				
1517-22-2	Phenanthrene-d10	1695960	16.83				
1719-03-5	Chrysene-d12	1966800	21.05				
1520-96-3	Perylene-d12	641219	23.17				

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Report of Analysis

Client:				Date Collected:	7/19/2017 12:00:00 AM
Project:				Date Received:	7/19/2017 12:00:00 AM
Client Sample ID:	SP-1-TP-1-2-3-COMP			SDG No.:	BM072117
Lab Sample ID:	I4317-03			Matrix:	water
Analytical Method:	8270D			% Moisture:	100
Sample Wt/Vol:	100	Units:	mL	Final Vol:	1000 uL
Soil Aliquot Vol:			uL	Test:	
Extraction Type :			Decanted :	Level :	LOW
Injection Volume :			GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM010955.D	1	7/21/2017 12:00:00 AM	7/22/2017 12:00:00 AM	PB100830

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	2.7	U	2.7	20	100	ug/L
110-86-1	Pyridine	10	U	10	10	100	ug/L
100-52-7	Benzaldehyde	7.7	U	7.7	10	100	ug/L
62-53-3	Aniline	10	U	10	10	100	ug/L
108-95-2	Phenol	2.1	U	2.1	10	100	ug/L
111-44-4	bis(2-Chloroethyl)ether	5.5	U	5.5	10	100	ug/L
95-57-8	2-Chlorophenol	5.4	U	5.4	10	100	ug/L
95-50-1	1,2-Dichlorobenzene	2.6	U	2.6	10	100	ug/L
541-73-1	1,3-Dichlorobenzene	1.3	U	1.3	10	100	ug/L
106-46-7	1,4-Dichlorobenzene	2	U	2	10	100	ug/L
100-51-6	Benzyl Alcohol	3.5	U	3.5	10	100	ug/L
95-48-7	2-Methylphenol	2.4	U	2.4	10	100	ug/L
108-60-1	2,2-oxybis(1-Chloropropane)	1.7	U	1.7	10	100	ug/L
98-86-2	Acetophenone	1.4	U	1.4	10	100	ug/L
65794-96-9	3+4-Methylphenols	3.8	U	3.8	10	100	ug/L
621-64-7	n-Nitroso-di-n-propylamine	2	U	2	10	100	ug/L
67-72-1	Hexachloroethane	2.5	U	2.5	10	100	ug/L
98-95-3	Nitrobenzene	6.8	U	6.8	10	100	ug/L
78-59-1	Isophorone	24.4	J	3	10	100	ug/L
88-75-5	2-Nitrophenol	5.2	U	5.2	10	100	ug/L
105-67-9	2,4-Dimethylphenol	7.1	U	7.1	10	100	ug/L
111-91-1	bis(2-Chloroethoxy)methane	5.5	U	5.5	10	100	ug/L
120-83-2	2,4-Dichlorophenol	6.6	U	6.6	10	100	ug/L
120-82-1	1,2,4-Trichlorobenzene	1.5	U	1.5	10	100	ug/L
65-85-0	Benzoic acid	20	U	20	80	100	ug/L
91-20-3	Naphthalene	1.2	U	1.2	10	100	ug/L
106-47-8	4-Chloroaniline	10	U	10	10	100	ug/L
87-68-3	Hexachlorobutadiene	2.5	U	2.5	10	100	ug/L
105-60-2	Caprolactam	10	U	10	10	100	ug/L
59-50-7	4-Chloro-3-methylphenol	4	U	4	10	100	ug/L
91-57-6	2-Methylnaphthalene	3.2	U	3.2	10	100	ug/L

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Report of Analysis

Client:				Date Collected:	7/19/2017 12:00:00 AM
Project:				Date Received:	7/19/2017 12:00:00 AM
Client Sample ID:	SP-1-TP-1-2-3-COMP			SDG No.:	BM072117
Lab Sample ID:	I4317-03			Matrix:	water
Analytical Method:	8270D			% Moisture:	100
Sample Wt/Vol:	100	Units:	mL	Final Vol:	1000 uL
Soil Aliquot Vol:			uL	Test:	
Extraction Type :			Decanted :	Level :	LOW
Injection Volume :			GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM010955.D	1	7/21/2017 12:00:00 AM	7/22/2017 12:00:00 AM	PB100830

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
77-47-4	Hexachlorocyclopentadiene	2.4	U	2.4	10	100	ug/L
88-06-2	2,4,6-Trichlorophenol	5.6	U	5.6	10	100	ug/L
95-95-4	2,4,5-Trichlorophenol	4	U	4	10	100	ug/L
92-52-4	1,1-Biphenyl	1.5	U	1.5	10	100	ug/L
91-58-7	2-Chloronaphthalene	1.6	U	1.6	10	100	ug/L
88-74-4	2-Nitroaniline	4.9	U	4.9	10	100	ug/L
131-11-3	Dimethylphthalate	2.2	U	2.2	10	100	ug/L
208-96-8	Acenaphthylene	7	U	7	10	100	ug/L
606-20-2	2,6-Dinitrotoluene	3.2	U	3.2	10	100	ug/L
99-09-2	3-Nitroaniline	10	U	10	10	100	ug/L
83-32-9	Acenaphthene	2.1	U	2.1	10	100	ug/L
51-28-5	2,4-Dinitrophenol	21	U	21	80	100	ug/L
100-02-7	4-Nitrophenol	20	U	20	50	100	ug/L
132-64-9	Dibenzofuran	2.4	U	2.4	10	100	ug/L
121-14-2	2,4-Dinitrotoluene	10	U	10	10	100	ug/L
84-66-2	Diethylphthalate	3.8	U	3.8	10	100	ug/L
7005-72-3	4-Chlorophenyl-phenylether	2.1	U	2.1	10	100	ug/L
86-73-7	Fluorene	3.1	U	3.1	10	100	ug/L
100-01-6	4-Nitroaniline	13.6	U	13.6	20	100	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	7.4	U	7.4	20	100	ug/L
86-30-6	n-Nitrosodiphenylamine	6	U	6	10	100	ug/L
103-33-3	Azobenzene	2.2	U	2.2	10	100	ug/L
101-55-3	4-Bromophenyl-phenylether	2.3	U	2.3	10	100	ug/L
118-74-1	Hexachlorobenzene	1.8	U	1.8	10	100	ug/L
1912-24-9	Atrazine	4	U	4	10	100	ug/L
87-86-5	Pentachlorophenol	10	U	10	10	100	ug/L
85-01-8	Phenanthrene	2.6	U	2.6	10	100	ug/L
120-12-7	Anthracene	1.6	U	1.6	10	100	ug/L
86-74-8	Carbazole	2.2	U	2.2	10	100	ug/L
84-74-2	Di-n-butylphthalate	10	U	10	10	100	ug/L
206-44-0	Fluoranthene	4	U	4	10	100	ug/L
92-87-5	Benzidine	20	U	20	20	100	ug/L
129-00-0	Pyrene	2	U	2	10	100	ug/L

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Report of Analysis

Client:				Date Collected:	7/19/2017 12:00:00 AM
Project:				Date Received:	7/19/2017 12:00:00 AM
Client Sample ID:	SP-1-TP-1-2-3-COMP			SDG No.:	BM072117
Lab Sample ID:	I4317-03			Matrix:	water
Analytical Method:	8270D			% Moisture:	100
Sample Wt/Vol:	100	Units:	mL	Final Vol:	1000 uL
Soil Aliquot Vol:			uL	Test:	
Extraction Type :			Decanted :	Level :	LOW
Injection Volume :			GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM010955.D	1	7/21/2017 12:00:00 AM	7/22/2017 12:00:00 AM	PB100830

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
85-68-7	Butylbenzylphthalate	1.9	U	1.9	10	100	ug/L
91-94-1	3,3-Dichlorobenzidine	10	U	10	10	100	ug/L
56-55-3	Benzo(a)anthracene	1.6	U	1.6	10	100	ug/L
218-01-9	Chrysene	1.8	U	1.8	10	100	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	1.6	U	1.6	10	100	ug/L
117-84-0	Di-n-octyl phthalate	5.1	U	5.1	10	100	ug/L
205-99-2	Benzo(b)fluoranthene	2.9	U	2.9	10	100	ug/L
207-08-9	Benzo(k)fluoranthene	1.8	U	1.8	10	100	ug/L
50-32-8	Benzo(a)pyrene	1.4	U	1.4	10	100	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	1.5	U	1.5	10	100	ug/L
53-70-3	Dibenzo(a,h)anthracene	4.2	U	4.2	10	100	ug/L
191-24-2	Benzo(g,h,i)perylene	2.9	U	2.9	10	100	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	2	U	2	10	100	ug/L
123-91-1	1,4-Dioxane	21.8	J	2	50	100	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	2	U	2	10	100	ug/L
SURROGATES							
367-12-4	2-Fluorophenol	117		10-130		78	SPK: -150
13127-88-3	Phenol-d6	25.83		10-130		17	SPK: -150
4165-60-0	Nitrobenzene-d5	122.7		36-131		123	SPK: -100
321-60-8	2-Fluorobiphenyl	553.51	*	39-131		554	SPK: -100
118-79-6	2,4,6-Tribromophenol	973.61	*	25-155		649	SPK: -150
1718-51-0	Terphenyl-d14	662.76	*	23-130		663	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	235860	7.42				
1146-65-2	Naphthalene-d8	678595	10.18				
15067-26-2	Acenaphthene-d10	95712	14.07				
1517-22-2	Phenanthrene-d10	405292	16.83				
1719-03-5	Chrysene-d12	42746	21.04				
1520-96-3	Perylene-d12	1323	23.18				

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Report of Analysis

Client:				Date Collected:	7/20/2017 12:00:00 AM
Project:				Date Received:	7/20/2017 12:00:00 AM
Client Sample ID:	TR-05-072017			SDG No.:	BM072117
Lab Sample ID:	I4358-03			Matrix:	water
Analytical Method:	8270D			% Moisture:	100
Sample Wt/Vol:	100	Units:	mL	Final Vol:	1000 uL
Soil Aliquot Vol:			uL	Test:	
Extraction Type :			Decanted :	Level :	LOW
Injection Volume :			GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM010956.D	1	7/21/2017 12:00:00 AM	7/22/2017 12:00:00 AM	PB100830

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	2.7	U	2.7	20	100	ug/L
110-86-1	Pyridine	10	U	10	10	100	ug/L
100-52-7	Benzaldehyde	7.7	U	7.7	10	100	ug/L
62-53-3	Aniline	10	U	10	10	100	ug/L
108-95-2	Phenol	2.1	U	2.1	10	100	ug/L
111-44-4	bis(2-Chloroethyl)ether	5.5	U	5.5	10	100	ug/L
95-57-8	2-Chlorophenol	5.4	U	5.4	10	100	ug/L
95-50-1	1,2-Dichlorobenzene	2.6	U	2.6	10	100	ug/L
541-73-1	1,3-Dichlorobenzene	1.3	U	1.3	10	100	ug/L
106-46-7	1,4-Dichlorobenzene	2	U	2	10	100	ug/L
100-51-6	Benzyl Alcohol	3.5	U	3.5	10	100	ug/L
95-48-7	2-Methylphenol	2.4	U	2.4	10	100	ug/L
108-60-1	2,2-oxybis(1-Chloropropane)	1.7	U	1.7	10	100	ug/L
98-86-2	Acetophenone	1.4	U	1.4	10	100	ug/L
65794-96-9	3+4-Methylphenols	3.8	U	3.8	10	100	ug/L
621-64-7	n-Nitroso-di-n-propylamine	2	U	2	10	100	ug/L
67-72-1	Hexachloroethane	2.5	U	2.5	10	100	ug/L
98-95-3	Nitrobenzene	6.8	U	6.8	10	100	ug/L
78-59-1	Isophorone	3	U	3	10	100	ug/L
88-75-5	2-Nitrophenol	5.2	U	5.2	10	100	ug/L
105-67-9	2,4-Dimethylphenol	7.1	U	7.1	10	100	ug/L
111-91-1	bis(2-Chloroethoxy)methane	5.5	U	5.5	10	100	ug/L
120-83-2	2,4-Dichlorophenol	6.6	U	6.6	10	100	ug/L
120-82-1	1,2,4-Trichlorobenzene	1.5	U	1.5	10	100	ug/L
65-85-0	Benzoic acid	20	U	20	80	100	ug/L
91-20-3	Naphthalene	1.2	U	1.2	10	100	ug/L
106-47-8	4-Chloroaniline	10	U	10	10	100	ug/L
87-68-3	Hexachlorobutadiene	2.5	U	2.5	10	100	ug/L
105-60-2	Caprolactam	10	U	10	10	100	ug/L
59-50-7	4-Chloro-3-methylphenol	4	U	4	10	100	ug/L
91-57-6	2-Methylnaphthalene	3.2	U	3.2	10	100	ug/L

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Report of Analysis

Client:				Date Collected:	7/20/2017 12:00:00 AM
Project:				Date Received:	7/20/2017 12:00:00 AM
Client Sample ID:	TR-05-072017			SDG No.:	BM072117
Lab Sample ID:	I4358-03			Matrix:	water
Analytical Method:	8270D			% Moisture:	100
Sample Wt/Vol:	100	Units:	mL	Final Vol:	1000 uL
Soil Aliquot Vol:			uL	Test:	
Extraction Type :			Decanted :	Level :	LOW
Injection Volume :			GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM010956.D	1	7/21/2017 12:00:00 AM	7/22/2017 12:00:00 AM	PB100830

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
77-47-4	Hexachlorocyclopentadiene	2.4	U	2.4	10	100	ug/L
88-06-2	2,4,6-Trichlorophenol	5.6	U	5.6	10	100	ug/L
95-95-4	2,4,5-Trichlorophenol	4	U	4	10	100	ug/L
92-52-4	1,1-Biphenyl	1.5	U	1.5	10	100	ug/L
91-58-7	2-Chloronaphthalene	1.6	U	1.6	10	100	ug/L
88-74-4	2-Nitroaniline	4.9	U	4.9	10	100	ug/L
131-11-3	Dimethylphthalate	2.2	U	2.2	10	100	ug/L
208-96-8	Acenaphthylene	7	U	7	10	100	ug/L
606-20-2	2,6-Dinitrotoluene	3.2	U	3.2	10	100	ug/L
99-09-2	3-Nitroaniline	10	U	10	10	100	ug/L
83-32-9	Acenaphthene	2.1	U	2.1	10	100	ug/L
51-28-5	2,4-Dinitrophenol	21	U	21	80	100	ug/L
100-02-7	4-Nitrophenol	20	U	20	50	100	ug/L
132-64-9	Dibenzofuran	2.4	U	2.4	10	100	ug/L
121-14-2	2,4-Dinitrotoluene	10	U	10	10	100	ug/L
84-66-2	Diethylphthalate	3.8	U	3.8	10	100	ug/L
7005-72-3	4-Chlorophenyl-phenylether	2.1	U	2.1	10	100	ug/L
86-73-7	Fluorene	3.1	U	3.1	10	100	ug/L
100-01-6	4-Nitroaniline	13.6	U	13.6	20	100	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	7.4	U	7.4	20	100	ug/L
86-30-6	n-Nitrosodiphenylamine	6	U	6	10	100	ug/L
103-33-3	Azobenzene	2.2	U	2.2	10	100	ug/L
101-55-3	4-Bromophenyl-phenylether	2.3	U	2.3	10	100	ug/L
118-74-1	Hexachlorobenzene	1.8	U	1.8	10	100	ug/L
1912-24-9	Atrazine	4	U	4	10	100	ug/L
87-86-5	Pentachlorophenol	10	U	10	10	100	ug/L
85-01-8	Phenanthrene	2.6	U	2.6	10	100	ug/L
120-12-7	Anthracene	1.6	U	1.6	10	100	ug/L
86-74-8	Carbazole	2.2	U	2.2	10	100	ug/L
84-74-2	Di-n-butylphthalate	10	U	10	10	100	ug/L
206-44-0	Fluoranthene	4	U	4	10	100	ug/L
92-87-5	Benzidine	20	U	20	20	100	ug/L
129-00-0	Pyrene	2	U	2	10	100	ug/L

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Report of Analysis

Client:				Date Collected:	7/20/2017 12:00:00 AM
Project:				Date Received:	7/20/2017 12:00:00 AM
Client Sample ID:	TR-05-072017			SDG No.:	BM072117
Lab Sample ID:	I4358-03			Matrix:	water
Analytical Method:	8270D			% Moisture:	100
Sample Wt/Vol:	100	Units:	mL	Final Vol:	1000 uL
Soil Aliquot Vol:			uL	Test:	
Extraction Type :			Decanted :	Level :	LOW
Injection Volume :			GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM010956.D	1	7/21/2017 12:00:00 AM	7/22/2017 12:00:00 AM	PB100830

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
85-68-7	Butylbenzylphthalate	1.9	U	1.9	10	100	ug/L
91-94-1	3,3-Dichlorobenzidine	10	U	10	10	100	ug/L
56-55-3	Benzo(a)anthracene	1.6	U	1.6	10	100	ug/L
218-01-9	Chrysene	1.8	U	1.8	10	100	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	1.6	U	1.6	10	100	ug/L
117-84-0	Di-n-octyl phthalate	5.1	U	5.1	10	100	ug/L
205-99-2	Benzo(b)fluoranthene	2.9	U	2.9	10	100	ug/L
207-08-9	Benzo(k)fluoranthene	1.8	U	1.8	10	100	ug/L
50-32-8	Benzo(a)pyrene	1.4	U	1.4	10	100	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	1.5	U	1.5	10	100	ug/L
53-70-3	Dibenzo(a,h)anthracene	4.2	U	4.2	10	100	ug/L
191-24-2	Benzo(g,h,i)perylene	2.9	U	2.9	10	100	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	2	U	2	10	100	ug/L
123-91-1	1,4-Dioxane	2	U	2	50	100	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	2	U	2	10	100	ug/L
SURROGATES							
367-12-4	2-Fluorophenol	123.54		10-130		82	SPK: -150
13127-88-3	Phenol-d6	60.78		10-130		41	SPK: -150
4165-60-0	Nitrobenzene-d5	89.1		36-131		89	SPK: -100
321-60-8	2-Fluorobiphenyl	216.76	*	39-131		217	SPK: -100
118-79-6	2,4,6-Tribromophenol	371.78	*	25-155		248	SPK: -150
1718-51-0	Terphenyl-d14	231.09	*	23-130		231	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	225989	7.42				
1146-65-2	Naphthalene-d8	878692	10.18				
15067-26-2	Acenaphthene-d10	229059	14.07				
1517-22-2	Phenanthrene-d10	1147826	16.83				
1719-03-5	Chrysene-d12	371797	21.05				
1520-96-3	Perylene-d12	11635	23.17				

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Report of Analysis

Client:				Date Collected:	7/21/2017 12:00:00 AM
Project:				Date Received:	7/21/2017 12:00:00 AM
Client Sample ID:	PB100830TB			SDG No.:	BM072117
Lab Sample ID:	PB100830TB			Matrix:	water
Analytical Method:	8270D			% Moisture:	100
Sample Wt/Vol:	100	Units:	mL	Final Vol:	1000 uL
Soil Aliquot Vol:			uL	Test:	
Extraction Type :			Decanted :	Level :	LOW
Injection Volume :			GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM010957.D	1	7/21/2017 12:00:00 AM	7/22/2017 12:00:00 AM	PB100830

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	2.7	U	2.7	20	100	ug/L
110-86-1	Pyridine	10	U	10	10	100	ug/L
100-52-7	Benzaldehyde	7.7	U	7.7	10	100	ug/L
62-53-3	Aniline	10	U	10	10	100	ug/L
108-95-2	Phenol	2.1	U	2.1	10	100	ug/L
111-44-4	bis(2-Chloroethyl)ether	5.5	U	5.5	10	100	ug/L
95-57-8	2-Chlorophenol	5.4	U	5.4	10	100	ug/L
95-50-1	1,2-Dichlorobenzene	2.6	U	2.6	10	100	ug/L
541-73-1	1,3-Dichlorobenzene	1.3	U	1.3	10	100	ug/L
106-46-7	1,4-Dichlorobenzene	2	U	2	10	100	ug/L
100-51-6	Benzyl Alcohol	3.5	U	3.5	10	100	ug/L
95-48-7	2-Methylphenol	2.4	U	2.4	10	100	ug/L
108-60-1	2,2-oxybis(1-Chloropropane)	1.7	U	1.7	10	100	ug/L
98-86-2	Acetophenone	1.4	U	1.4	10	100	ug/L
65794-96-9	3+4-Methylphenols	3.8	U	3.8	10	100	ug/L
621-64-7	n-Nitroso-di-n-propylamine	2	U	2	10	100	ug/L
67-72-1	Hexachloroethane	2.5	U	2.5	10	100	ug/L
98-95-3	Nitrobenzene	6.8	U	6.8	10	100	ug/L
78-59-1	Isophorone	3	U	3	10	100	ug/L
88-75-5	2-Nitrophenol	5.2	U	5.2	10	100	ug/L
105-67-9	2,4-Dimethylphenol	7.1	U	7.1	10	100	ug/L
111-91-1	bis(2-Chloroethoxy)methane	5.5	U	5.5	10	100	ug/L
120-83-2	2,4-Dichlorophenol	6.6	U	6.6	10	100	ug/L
120-82-1	1,2,4-Trichlorobenzene	1.5	U	1.5	10	100	ug/L
65-85-0	Benzoic acid	20	U	20	80	100	ug/L
91-20-3	Naphthalene	1.2	U	1.2	10	100	ug/L
106-47-8	4-Chloroaniline	10	U	10	10	100	ug/L
87-68-3	Hexachlorobutadiene	2.5	U	2.5	10	100	ug/L
105-60-2	Caprolactam	10	U	10	10	100	ug/L
59-50-7	4-Chloro-3-methylphenol	4	U	4	10	100	ug/L
91-57-6	2-Methylnaphthalene	3.2	U	3.2	10	100	ug/L

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Report of Analysis

Client:				Date Collected:	7/21/2017 12:00:00 AM
Project:				Date Received:	7/21/2017 12:00:00 AM
Client Sample ID:	PB100830TB			SDG No.:	BM072117
Lab Sample ID:	PB100830TB			Matrix:	water
Analytical Method:	8270D			% Moisture:	100
Sample Wt/Vol:	100	Units:	mL	Final Vol:	1000 uL
Soil Aliquot Vol:			uL	Test:	
Extraction Type :			Decanted :	Level :	LOW
Injection Volume :			GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM010957.D	1	7/21/2017 12:00:00 AM	7/22/2017 12:00:00 AM	PB100830

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
77-47-4	Hexachlorocyclopentadiene	2.4	U	2.4	10	100	ug/L
88-06-2	2,4,6-Trichlorophenol	5.6	U	5.6	10	100	ug/L
95-95-4	2,4,5-Trichlorophenol	4	U	4	10	100	ug/L
92-52-4	1,1-Biphenyl	1.5	U	1.5	10	100	ug/L
91-58-7	2-Chloronaphthalene	1.6	U	1.6	10	100	ug/L
88-74-4	2-Nitroaniline	4.9	U	4.9	10	100	ug/L
131-11-3	Dimethylphthalate	2.2	U	2.2	10	100	ug/L
208-96-8	Acenaphthylene	7	U	7	10	100	ug/L
606-20-2	2,6-Dinitrotoluene	3.2	U	3.2	10	100	ug/L
99-09-2	3-Nitroaniline	10	U	10	10	100	ug/L
83-32-9	Acenaphthene	2.1	U	2.1	10	100	ug/L
51-28-5	2,4-Dinitrophenol	21	U	21	80	100	ug/L
100-02-7	4-Nitrophenol	20	U	20	50	100	ug/L
132-64-9	Dibenzofuran	2.4	U	2.4	10	100	ug/L
121-14-2	2,4-Dinitrotoluene	10	U	10	10	100	ug/L
84-66-2	Diethylphthalate	3.8	U	3.8	10	100	ug/L
7005-72-3	4-Chlorophenyl-phenylether	2.1	U	2.1	10	100	ug/L
86-73-7	Fluorene	3.1	U	3.1	10	100	ug/L
100-01-6	4-Nitroaniline	13.6	U	13.6	20	100	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	7.4	U	7.4	20	100	ug/L
86-30-6	n-Nitrosodiphenylamine	6	U	6	10	100	ug/L
103-33-3	Azobenzene	2.2	U	2.2	10	100	ug/L
101-55-3	4-Bromophenyl-phenylether	2.3	U	2.3	10	100	ug/L
118-74-1	Hexachlorobenzene	1.8	U	1.8	10	100	ug/L
1912-24-9	Atrazine	4	U	4	10	100	ug/L
87-86-5	Pentachlorophenol	10	U	10	10	100	ug/L
85-01-8	Phenanthrene	2.6	U	2.6	10	100	ug/L
120-12-7	Anthracene	1.6	U	1.6	10	100	ug/L
86-74-8	Carbazole	2.2	U	2.2	10	100	ug/L
84-74-2	Di-n-butylphthalate	10	U	10	10	100	ug/L
206-44-0	Fluoranthene	4	U	4	10	100	ug/L
92-87-5	Benzidine	20	U	20	20	100	ug/L
129-00-0	Pyrene	2	U	2	10	100	ug/L

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Report of Analysis

Client:				Date Collected:	7/21/2017 12:00:00 AM
Project:				Date Received:	7/21/2017 12:00:00 AM
Client Sample ID:	PB100830TB			SDG No.:	BM072117
Lab Sample ID:	PB100830TB			Matrix:	water
Analytical Method:	8270D			% Moisture:	100
Sample Wt/Vol:	100	Units:	mL	Final Vol:	1000 uL
Soil Aliquot Vol:			uL	Test:	
Extraction Type :			Decanted :	Level :	LOW
Injection Volume :			GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM010957.D	1	7/21/2017 12:00:00 AM	7/22/2017 12:00:00 AM	PB100830

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
85-68-7	Butylbenzylphthalate	1.9	U	1.9	10	100	ug/L
91-94-1	3,3-Dichlorobenzidine	10	U	10	10	100	ug/L
56-55-3	Benzo(a)anthracene	1.6	U	1.6	10	100	ug/L
218-01-9	Chrysene	1.8	U	1.8	10	100	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	1.6	U	1.6	10	100	ug/L
117-84-0	Di-n-octyl phthalate	5.1	U	5.1	10	100	ug/L
205-99-2	Benzo(b)fluoranthene	2.9	U	2.9	10	100	ug/L
207-08-9	Benzo(k)fluoranthene	1.8	U	1.8	10	100	ug/L
50-32-8	Benzo(a)pyrene	1.4	U	1.4	10	100	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	1.5	U	1.5	10	100	ug/L
53-70-3	Dibenzo(a,h)anthracene	4.2	U	4.2	10	100	ug/L
191-24-2	Benzo(g,h,i)perylene	2.9	U	2.9	10	100	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	2	U	2	10	100	ug/L
123-91-1	1,4-Dioxane	2	U	2	50	100	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	2	U	2	10	100	ug/L
SURROGATES							
367-12-4	2-Fluorophenol	140.32		10-130		94	SPK: -150
13127-88-3	Phenol-d6	134.41		10-130		90	SPK: -150
4165-60-0	Nitrobenzene-d5	92.76		36-131		93	SPK: -100
321-60-8	2-Fluorobiphenyl	92.38		39-131		92	SPK: -100
118-79-6	2,4,6-Tribromophenol	147.77		25-155		99	SPK: -150
1718-51-0	Terphenyl-d14	99.9		23-130		100	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	240146	7.42				
1146-65-2	Naphthalene-d8	877277	10.18				
15067-26-2	Acenaphthene-d10	579077	14.07				
1517-22-2	Phenanthrene-d10	1410847	16.83				
1719-03-5	Chrysene-d12	1129580	21.05				
1520-96-3	Perylene-d12	453142	23.17				

CHEMTECH

4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

B-COMB-4

Lab Name: CHEMTECH Contract:

Lab Code: CHEM Case No.: BM072117 SAS No.: BM072117 SDG NO.: BM072117

Lab File ID: BM010939.D Lab Sample ID: I4363-03

Instrument ID: BNA_M Date Extracted: 07/21/2017

Matrix: (soil/water) water Date Analyzed: 07/21/2017

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

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
B-COMB-4	I4363-03	BM010939.D	07/21/2017
CL-01-071817-A	I4280-03	BM010940.D	07/21/2017
CL-01-071817-AMS	I4280-03MS	BM010941.D	07/21/2017
CL-01-071817-AMSD	I4280-03MSD	BM010942.D	07/21/2017
CL-01-071817-B	I4280-06	BM010943.D	07/21/2017
CL-01-071817-C	I4280-09	BM010944.D	07/21/2017
CL-01-071817-D	I4280-12	BM010945.D	07/21/2017
RINSEBLANK-SOIL	I4302-01	BM010946.D	07/21/2017
NB-08-071917	I4308-03	BM010947.D	07/21/2017
VNJ-209	I4312-03	BM010948.D	07/21/2017
72-11987	I4312-07	BM010949.D	07/21/2017
72-11978	I4312-11	BM010950.D	07/21/2017
VNJ-237	I4312-15	BM010951.D	07/22/2017
156	I4312-19	BM010952.D	07/22/2017
B-COMB-1	I4313-04	BM010953.D	07/22/2017
OR-02-071917	I4316-03	BM010954.D	07/22/2017
SP-1-TP-1-2-3-COMP	I4317-03	BM010955.D	07/22/2017
TR-05-072017	I4358-03	BM010956.D	07/22/2017
PB100830TB	PB100830TB	BM010957.D	07/22/2017

COMMENTS:

CHEMTECH

5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK

DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: CHEMTECH Contract: BM072117

Lab Code: CHEM SAS No.: BM072117 SDG NO.: BM072117

Lab File ID: BM010937.D DFTPP Injection Date: 07/21/2017

Instrument ID: BNA_M DFTPP Injection Time: 15:58

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
51	10.0 - 80.0% of mass 198	31.3
68	Less than 2.0% of mass 69	0.5 (1.3) 1
69	Mass 69 relative abundance	39.3
70	Less than 2.0% of mass 69	0.0 (0.0) 1
127	10.0 - 80.0% of mass 198	41.5
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	28
365	Greater than 1% of mass 198	3.8
441	Present, but less than mass 443	11.2
442	Greater than 50% of mass 198	70
443	15.0 - 24.0% of mass 442	13.2 (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
SSTDCCC040	SSTDCCC040	BM010938.D	07/21/2017	16:34
B-COMB-4	I4363-03	BM010939.D	07/21/2017	17:10
CL-01-071817-A	I4280-03	BM010940.D	07/21/2017	17:47
CL-01-071817-AMS	I4280-03MS	BM010941.D	07/21/2017	18:23
CL-01-071817-AMSD	I4280-03MSD	BM010942.D	07/21/2017	18:59
CL-01-071817-B	I4280-06	BM010943.D	07/21/2017	19:35
CL-01-071817-C	I4280-09	BM010944.D	07/21/2017	20:11
CL-01-071817-D	I4280-12	BM010945.D	07/21/2017	20:48
RINSEBLANK-SOIL	I4302-01	BM010946.D	07/21/2017	21:24
NB-08-071917	I4308-03	BM010947.D	07/21/2017	22:00
VNJ-209	I4312-03	BM010948.D	07/21/2017	22:36
72-11987	I4312-07	BM010949.D	07/21/2017	23:12
72-11978	I4312-11	BM010950.D	07/21/2017	23:48
VNJ-237	I4312-15	BM010951.D	07/22/2017	00:23
156	I4312-19	BM010952.D	07/22/2017	00:59
B-COMB-1	I4313-04	BM010953.D	07/22/2017	01:35
OR-02-071917	I4316-03	BM010954.D	07/22/2017	02:11
SP-1-TP-1-2-3-COMP	I4317-03	BM010955.D	07/22/2017	02:47
TR-05-072017	I4358-03	BM010956.D	07/22/2017	03:23

CHEMTECH

5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK

DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: CHEMTECH Contract: BM072117

Lab Code: CHEM SAS No.: BM072117 SDG NO.: BM072117

Lab File ID: BM010937.D DFTPP Injection Date: 07/21/2017

Instrument ID: BNA_M DFTPP Injection Time: 15:58

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
51	10.0 - 80.0% of mass 198	31.3
68	Less than 2.0% of mass 69	0.5 (1.3) 1
69	Mass 69 relative abundance	39.3
70	Less than 2.0% of mass 69	0.0 (0.0) 1
127	10.0 - 80.0% of mass 198	41.5
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	28
365	Greater than 1% of mass 198	3.8
441	Present, but less than mass 443	11.2
442	Greater than 50% of mass 198	70
443	15.0 - 24.0% of mass 442	13.2 (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
PB100830TB	PB100830TB	BM010957.D	07/22/2017	03:59

CHEMTECH

7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract:

Lab Code: CHEM Case No.: BM072117 SAS No.: BM072117 SDG No.: BM072117

Instrument ID: BNA_M Calibration Date/Time: 7/21/2017 1: 16:34

Lab File ID: BM010938.D Init. Calib. Date(s):

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

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

COMPOUND	RRF	RRF040	MIN RRF	%D	MAX%D
n-Nitrosodimethylamine	0.744	0.675		-9.274	
Pyridine	1.456	1.430		-1.786	
2-Fluorophenol	1.207	1.197		-0.829	
Benzaldehyde	1.156	1.175		1.644	
Aniline	2.085	2.278		9.257	
Phenol-d6	1.664	1.795		7.873	
Phenol	1.760	1.969		11.875	20.0
bis(2-Chloroethyl)ether	1.355	1.494		10.258	
2-Chlorophenol	1.195	1.295		8.368	
1,2-Dichlorobenzene	1.453	1.453		0.0	
1,3-Dichlorobenzene	1.477	1.440		-2.505	
1,4-Dichlorobenzene	1.525	1.514		-0.721	20.0
Benzyl Alcohol	1.576	1.715		8.82	
2-Methylphenol	1.138	1.264		11.072	
2,2-oxybis(1-Chloropropane)	1.175	1.348		14.723	
Acetophenone	0.602	0.607		0.831	
3+4-Methylphenols	1.581	1.797		13.662	
n-Nitroso-di-n-propylamine	1.318	1.532	0.050	16.237	
Nitrobenzene-d5	0.520	0.524		0.769	
Hexachloroethane	0.639	0.649		1.565	
Nitrobenzene	0.533	0.534		0.188	
Isophorone	0.852	0.939		10.211	
2-Nitrophenol	0.177	0.190		7.345	20.0
2,4-Dimethylphenol	0.317	0.324		2.208	
bis(2-Chloroethoxy)methane	0.478	0.506		5.858	
2,4-Dichlorophenol	0.358	0.355		-0.838	20.0
1,2,4-Trichlorobenzene	0.437	0.415		-5.034	
Benzoic acid	0.248	0.293		18.145	
Naphthalene	1.017	1.003		-1.377	
4-Chloroaniline	0.410	0.409		-0.244	
Hexachlorobutadiene	0.339	0.318		-6.195	20.0
Caprolactam	0.095	0.107		12.632	
4-Chloro-3-methylphenol	0.433	0.472		9.007	20.0
2-Methylnaphthalene	0.730	0.743		1.781	
Hexachlorocyclopentadiene	0.500	0.436	0.050	-12.8	
2,4,6-Trichlorophenol	0.537	0.543		1.117	20.0
2-Fluorobiphenyl	1.608	1.599		-0.56	
2,4,5-Trichlorophenol	0.530	0.551		3.962	
1,1-Biphenyl	1.742	1.759		0.976	
2-Chloronaphthalene	1.278	1.271		-0.548	
2-Nitroaniline	0.420	0.468		11.429	

CHEMTECH

7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract:

Lab Code: CHEM Case No.: BM072117 SAS No.: BM072117 SDG No.: BM072117

Instrument ID: BNA_M Calibration Date/Time: 7/21/2017 1: 16:34

Lab File ID: BM010938.D Init. Calib. Date(s):

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

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

COMPOUND	RRF	RRF040	MIN RRF	%D	MAX%D
Dimethylphthalate	1.701	1.734		1.94	
Acenaphthylene	1.900	1.910		0.526	
2,6-Dinitrotoluene	0.334	0.366		9.581	
3-Nitroaniline	0.303	0.299		-1.32	
Acenaphthene	1.161	1.164		0.258	20.0
2,4-Dinitrophenol	0.231	0.234	0.050	1.299	
4-Nitrophenol	0.263	0.259	0.050	-1.521	
Dibenzofuran	1.878	1.882		0.213	
2,4-Dinitrotoluene	0.463	0.490		5.832	
Diethylphthalate	1.680	1.732		3.095	
4-Chlorophenyl-phenylether	0.992	0.962		-3.024	
Fluorene	1.615	1.613		-0.124	
4-Nitroaniline	0.317	0.306		-3.47	
4,6-Dinitro-2-methylphenol	0.132	0.143		8.333	
n-Nitrosodiphenylamine	0.572	0.615		7.517	20.0
Azobenzene	1.706	1.785		4.631	
2,4,6-Tribromophenol	0.306	0.308		0.654	
4-Bromophenyl-phenylether	0.253	0.269		6.324	
Hexachlorobenzene	0.290	0.299		3.103	
Atrazine	0.237	0.241		1.688	
Pentachlorophenol	0.186	0.190		2.151	20.0
Phenanthrene	1.040	1.046		0.577	
Anthracene	1.033	1.049		1.549	
Carbazole	0.910	0.862		-5.275	
Di-n-butylphthalate	1.076	1.300		20.818	
Fluoranthene	1.289	1.153		-10.551	20.0
Benzidine	0.535	0.390		-27.103	
Pyrene	1.159	1.416		22.174	
Terphenyl-d14	1.034	1.244		20.309	
Butylbenzylphthalate	0.406	0.508		25.123	
3,3-Dichlorobenzidine	0.456	0.449		-1.535	
Benzo(a)anthracene	1.159	1.165		0.518	
Chrysene	1.104	1.103		-0.091	
Bis(2-ethylhexyl)phthalate	0.591	0.706		19.459	
Di-n-octyl phthalate	0.969	1.059		9.288	20.0
Benzo(b)fluoranthene	1.270	1.313		3.386	
Benzo(k)fluoranthene	1.213	1.215		0.165	
Benzo(a)pyrene	1.156	1.168		1.038	20.0
Indeno(1,2,3-cd)pyrene	1.266	1.016		-19.747	
Dibenzo(a,h)anthracene	1.122	1.031		-8.111	
Benzo(g,h,i)perylene	1.103	1.065		-3.445	

CHEMTECH

7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract:

Lab Code: CHEM Case No.: BM072117 SAS No.: BM072117 SDG No.: BM072117

Instrument ID: BNA_M Calibration Date/Time: 7/21/2017 12 16:34

Lab File ID: BM010938.D Init. Calib. Date(s):

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

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

COMPOUND	RRF	RRF040	MIN RRF	%D	MAX%D
1,2,4,5-Tetrachlorobenzene	0.872	0.858		-1.606	
1,4-Dioxane	0.533	0.463		-13.133	20.0
2,3,4,6-Tetrachlorophenol	0.492	0.493		0.203	

All other compounds must meet a minimum RRF of 0.010.

CHEMTECH

8B

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BM072117 SAS No.: BM072117 SDG NO.: BM072117

EPA Sample No.: SSTDCCC040 Date Analyzed: Jul 21 2017 12:00AM

Lab File ID: BM010938.D Time Analyzed: 17:10

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

		IS1 (DCB) AREA #	RT #	IS2 (NPT) AREA #	RT #	IS3 (ANT) AREA #	RT #
	12 HOUR STD	326283	7.42	1.41173e+0(	10.19	952853	14.08
	UPPER LIMIT	652566	7.92	2823460	10.69	1905706	14.58
	LOWER LIMIT	163141.5	6.92	705865	9.69	476426.5	13.58
	EPA SAMPLE NO.						
01	B-COMB-4	273237	7.43	975318	10.19	201821 *	14.08
02	CL-01-071817-A	271964	7.43	1.03056e	10.19	670390	14.08
03	CL-01-071817-AMS	253156	7.43	1.00944e	10.19	646490	14.08
04	CL-01-071817-AMSD	299158	7.43	1.15412e	10.19	799669	14.08
05	CL-01-071817-B	281306	7.43	1.04632e	10.18	676906	14.07
06	CL-01-071817-C	280521	7.42	1.04694e	10.18	681104	14.07
07	CL-01-071817-D	289751	7.42	1.03777e	10.18	632382	14.07
08	RINSEBLANK-SOIL	239322	7.42	853972	10.18	532541	14.07
09	NB-08-071917	269788	7.42	1.00525e	10.18	664536	14.07
10	VNJ-209	258942	7.42	976530	10.18	656126	14.07
11	72-11987	277272	7.42	1.01888e	10.18	669008	14.07
12	72-11978	317713	7.42	1.19624e	10.18	790913	14.07
13	VNJ-237	254694	7.42	972963	10.18	632981	14.07
14	156	269221	7.42	1.02538e	10.18	679082	14.07
15	B-COMB-1	252575	7.42	943950	10.18	181068 *	14.07
16	OR-02-071917	241523	7.42	936829	10.18	609425	14.07
17	SP-1-TP-1-2-3-COMP	235860	7.42	678595 *	10.18	95712 *	14.07
18	TR-05-072017	225989	7.42	878692	10.18	229059 *	14.07
19	PB100830TB	240146	7.42	877277	10.18	579077	14.07

CHEMTECH

8B

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BM072117 SAS No.: BM072117 SDG NO.: BM072117

EPA Sample No.: SSTDCCC040 Date Analyzed: Jul 22 2017 12:00AM

Lab File ID: BM010938.D Time Analyzed: 03:59

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

	IS1 (DCB) AREA #	RT #	IS2 (NPT) AREA #	RT #	IS3 (ANT) AREA #	RT #
12 HOUR STD	326283	7.42	1.41173e+0	10.19	952853	14.08
UPPER LIMIT	652566	7.92	2823460	10.69	1905706	14.58
LOWER LIMIT	163141.5	6.92	705865	9.69	476426.5	13.58
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.

CHEMTECH

8C

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BM072117 SAS No.: BM072117 SDG NO.: BM072117

EPA Sample No.: SSTDCCC040 Date Analyzed: Jul 21 2017 12:00AM

Lab File ID: BM010938.D Time Analyzed: 17:10

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

		IS4 (PHN) AREA #	RT #	IS5 (CRY) AREA #	RT #	IS6 (PRY) AREA #	RT #
	12 HOUR STD	2.20439e+0	16.83	1.78313e+	21.06	1.41718e+0	23.18
	UPPER LIMIT	4408780	17.33	3566260	21.56	2834360	23.68
	LOWER LIMIT	1102195	16.33	891565	20.56	708590	22.68
	EPA SAMPLE NO.						
01	B-COMB-4	830215 *	16.83	100550 *	21.05	16419 *	23.17
02	CL-01-071817-A	1.85068	16.83	2.19808e+	21.05	1.07592e+	23.17
03	CL-01-071817-AMS	1.57027	16.83	1.54665e+	21.06	1.38549e+	23.18
04	CL-01-071817-AMSD	1.81592	16.83	1.48663e+	21.06	1.33715e+	23.18
05	CL-01-071817-B	1.60699	16.83	1.61814e+	21.05	1.38539e+	23.18
06	CL-01-071817-C	1.63366	16.83	1.67523e+	21.05	1.45413e+	23.18
07	CL-01-071817-D	1.45735	16.83	1.55488e+	21.05	1.313e+00	23.18
08	RINSEBLANK-SOIL	1.27845	16.83	1.49835e+	21.05	1.36824e+	23.18
09	NB-08-071917	1.68395	16.83	1.61768e+	21.05	1.36127e+	23.17
10	VNJ-209	1.73708	16.83	1.92911e+	21.05	1.47261e+	23.17
11	72-11987	1.68648	16.83	1.65714e+	21.05	1.4095e+0	23.17
12	72-11978	1.84745	16.83	1.50784e+	21.05	1.3993e+0	23.17
13	VNJ-237	1.64922	16.83	1.59831e+	21.05	1.33772e+	23.17
14	156	1.7269e	16.83	1.67388e+	21.05	1.38934e+	23.17
15	B-COMB-1	942527 *	16.83	212173 *	21.04	11469 *	23.17
16	OR-02-071917	1.69596	16.83	1.9668e+0	21.05	641219 *	23.17
17	SP-1-TP-1-2-3-COMP	405292 *	16.83	42746 *	21.04	1323 *	23.18
18	TR-05-072017	1.14783	16.83	371797 *	21.05	11635 *	23.17
19	PB100830TB	1.41085	16.83	1.12958e+	21.05	453142 *	23.17

CHEMTECH

8C

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BM072117 SAS No.: BM072117 SDG NO.: BM072117

EPA Sample No.: SSTDCCC040 Date Analyzed: Jul 22 2017 12:00AM

Lab File ID: BM010938.D Time Analyzed: 03:59

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

	IS4 (PHN) AREA #	RT #	IS5 (CRY) AREA #	RT #	IS6 (PRY) AREA #	RT #
12 HOUR STD	2.20439e+0	16.83	1.78313e+	21.06	1.41718e+0	23.18
UPPER LIMIT	4408780	17.33	3566260	21.56	2834360	23.68
LOWER LIMIT	1102195	16.33	891565	20.56	708590	22.68
EPA SAMPLE NO.						

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

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

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