

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: Q2903

Analytical Method:

8270E

Client: AECOM

DataFile:

BF143565.D

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	RPD	Limits		RPD
								Qual	Low	High	
PB169330BS	Benzaldehyde	50	24.7	ug/L	49				10	162	
	Phenol	50	41.8	ug/L	84				66	118	
	bis(2-Chloroethyl)ether	50	41.9	ug/L	84				62	103	
	2-Chlorophenol	50	42.8	ug/L	86				70	117	
	2-Methylphenol	50	44.2	ug/L	88				69	109	
	2,2-oxybis(1-Chloropropane)	50	41.1	ug/L	82				65	100	
	Acetophenone	50	45.6	ug/L	91				60	104	
	3+4-Methylphenols	50	45.0	ug/L	90				67	106	
	N-Nitroso-di-n-propylamine	50	46.2	ug/L	92				57	107	
	Hexachloroethane	50	44.8	ug/L	90				76	118	
	Nitrobenzene	50	44.5	ug/L	89				58	106	
	Isophorone	50	45.2	ug/L	90				61	102	
	2-Nitrophenol	50	45.0	ug/L	90				70	115	
	2,4-Dimethylphenol	50	46.3	ug/L	93				42	142	
	bis(2-Chloroethoxy)methane	50	43.2	ug/L	86				58	109	
	2,4-Dichlorophenol	50	43.0	ug/L	86				66	115	
	Naphthalene	50	42.2	ug/L	84				64	107	
	4-Chloroaniline	50	22.0	ug/L	44				10	85	
	Hexachlorobutadiene	50	44.8	ug/L	90				69	101	
	Caprolactam	50	55.1	ug/L	110				58	128	
	4-Chloro-3-methylphenol	50	46.1	ug/L	92				65	114	
	2-Methylnaphthalene	50	39.3	ug/L	79				64	107	
	Hexachlorocyclopentadiene	100	110	ug/L	110				36	160	
	2,4,6-Trichlorophenol	50	42.8	ug/L	86				61	110	
	2,4,5-Trichlorophenol	50	41.5	ug/L	83				70	106	
	1,1-Biphenyl	50	42.8	ug/L	86				72	98	
	2-Chloronaphthalene	50	41.6	ug/L	83				59	106	
	2-Nitroaniline	50	45.9	ug/L	92				73	114	
	Dimethylphthalate	50	47.0	ug/L	94				64	103	
	Acenaphthylene	50	47.1	ug/L	94				79	103	
	2,6-Dinitrotoluene	50	49.0	ug/L	98				64	110	
	3-Nitroaniline	50	30.8	ug/L	62				28	100	
	Acenaphthene	50	45.6	ug/L	91				59	113	
	2,4-Dinitrophenol	100	77.2	ug/L	77				36	166	
	4-Nitrophenol	100	97.6	ug/L	98				45	147	
	Dibenzofuran	50	43.2	ug/L	86				65	106	
	2,4-Dinitrotoluene	50	49.0	ug/L	98				60	115	
	Diethylphthalate	50	49.5	ug/L	99				63	105	
	4-Chlorophenyl-phenylether	50	43.2	ug/L	86				61	104	
	Fluorene	50	44.2	ug/L	88				64	107	
	4-Nitroaniline	50	49.3	ug/L	99				55	125	
	4,6-Dinitro-2-methylphenol	50	45.2	ug/L	90				62	132	
	N-Nitrosodiphenylamine	50	43.7	ug/L	87				61	109	
	4-Bromophenyl-phenylether	50	42.8	ug/L	86				73	103	

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								Qual	Low	High	RPD
PB169330BS	Hexachlorobenzene	50	44.0	ug/L	88				73	106	
	Atrazine	50	56.1	ug/L	112				76	120	
	Pentachlorophenol	100	92.1	ug/L	92				47	114	
	Phenanthrene	50	43.4	ug/L	87				62	109	
	Anthracene	50	44.4	ug/L	89				65	110	
	Carbazole	50	46.3	ug/L	93				62	106	
	Di-n-butylphthalate	50	58.1	ug/L	116		*		64	106	
	Fluoranthene	50	47.2	ug/L	94				64	110	
	Pyrene	50	45.4	ug/L	91				71	103	
	Butylbenzylphthalate	50	55.5	ug/L	111		*		61	105	
	3,3-Dichlorobenzidine	50	28.9	ug/L	58				43	108	
	Benzo(a)anthracene	50	45.9	ug/L	92				62	107	
	Chrysene	50	43.9	ug/L	88				61	108	
	bis(2-Ethylhexyl)phthalate	50	43.0	ug/L	86				59	110	
	Di-n-octyl phthalate	50	39.4	ug/L	79				52	139	
	Benzo(b)fluoranthene	50	45.6	ug/L	91				77	113	
	Benzo(k)fluoranthene	50	47.2	ug/L	94				77	105	
	Benzo(a)pyrene	50	47.6	ug/L	95				72	131	
	Indeno(1,2,3-cd)pyrene	50	44.9	ug/L	90				72	105	
	Dibenz(a,h)anthracene	50	45.5	ug/L	91				78	115	
	Benzo(g,h,i)perylene	50	46.1	ug/L	92				75	118	
	1,2,4,5-Tetrachlorobenzene	50	41.5	ug/L	83				72	101	
	1,4-Dioxane	50	36.3	ug/L	73				38	125	
	2,3,4,6-Tetrachlorophenol	50	48.0	ug/L	96				63	116	