

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: Q2458

Analytical Method: 8270E

Client: CDM Smith

DataFile: BF143027.D

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	RPD		Limits	
								Qual	Low	High	RPD
PB168716BS	Benzaldehyde	50	26.5	ug/L	53				10	162	
	Phenol	50	43.6	ug/L	87				66	118	
	bis(2-Chloroethyl)ether	50	45.7	ug/L	91				62	103	
	2-Chlorophenol	50	45.5	ug/L	91				70	117	
	2-Methylphenol	50	46.1	ug/L	92				69	109	
	2,2-oxybis(1-Chloropropane)	50	41.7	ug/L	83				65	100	
	Acetophenone	50	46.3	ug/L	93				60	104	
	3+4-Methylphenols	50	47.7	ug/L	95				67	106	
	N-Nitroso-di-n-propylamine	50	46.1	ug/L	92				57	107	
	Hexachloroethane	50	45.2	ug/L	90				76	118	
	Nitrobenzene	50	45.3	ug/L	91				58	106	
	Isophorone	50	45.9	ug/L	92				61	102	
	2-Nitrophenol	50	48.1	ug/L	96				70	115	
	2,4-Dimethylphenol	50	45.8	ug/L	92				42	142	
	bis(2-Chloroethoxy)methane	50	45.6	ug/L	91				58	109	
	2,4-Dichlorophenol	50	46.3	ug/L	93				66	115	
	Naphthalene	50	45.8	ug/L	92				64	107	
	4-Chloroaniline	50	29.9	ug/L	60				10	85	
	Hexachlorobutadiene	50	45.4	ug/L	91				69	101	
	Caprolactam	50	52.1	ug/L	104				58	128	
	4-Chloro-3-methylphenol	50	47.8	ug/L	96				65	114	
	2-Methylnaphthalene	50	45.7	ug/L	91				64	107	
	Hexachlorocyclopentadiene	100	76.6	ug/L	77				36	160	
	2,4,6-Trichlorophenol	50	45.7	ug/L	91				61	110	
	2,4,5-Trichlorophenol	50	45.5	ug/L	91				70	106	
	1,1-Biphenyl	50	47.0	ug/L	94				72	98	
	2-Chloronaphthalene	50	46.1	ug/L	92				59	106	
	2-Nitroaniline	50	47.3	ug/L	95				73	114	
	Dimethylphthalate	50	48.7	ug/L	97				64	103	
	Acenaphthylene	50	46.5	ug/L	93				79	103	
	2,6-Dinitrotoluene	50	48.0	ug/L	96				64	110	
	3-Nitroaniline	50	33.0	ug/L	66				28	100	
	Acenaphthene	50	52.0	ug/L	104				59	113	
	2,4-Dinitrophenol	100	100	ug/L	100				36	166	
	4-Nitrophenol	100	81.5	ug/L	82				45	147	
	Dibenzofuran	50	46.5	ug/L	93				65	106	
	2,4-Dinitrotoluene	50	48.5	ug/L	97				60	115	
	Diethylphthalate	50	49.1	ug/L	98				63	105	
	4-Chlorophenyl-phenylether	50	47.9	ug/L	96				61	104	
	Fluorene	50	47.9	ug/L	96				64	107	
	4-Nitroaniline	50	47.0	ug/L	94				55	125	
	4,6-Dinitro-2-methylphenol	50	48.2	ug/L	96				62	132	
	N-Nitrosodiphenylamine	50	47.5	ug/L	95				61	109	
	4-Bromophenyl-phenylether	50	49.2	ug/L	98				73	103	

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								Qual	Low	High	
PB168716BS	Hexachlorobenzene	50	47.6	ug/L	95				73	106	
	Atrazine	50	52.6	ug/L	105				76	120	
	Pentachlorophenol	100	82.0	ug/L	82				47	114	
	Phenanthrene	50	47.3	ug/L	95				62	109	
	Anthracene	50	47.3	ug/L	95				65	110	
	Carbazole	50	46.7	ug/L	93				62	106	
	Di-n-butylphthalate	50	51.5	ug/L	103				64	106	
	Fluoranthene	50	46.5	ug/L	93				64	110	
	Pyrene	50	49.6	ug/L	99				71	103	
	Butylbenzylphthalate	50	53.0	ug/L	106		*		61	105	
	3,3-Dichlorobenzidine	50	25.6	ug/L	51				43	108	
	Benzo(a)anthracene	50	48.3	ug/L	97				62	107	
	Chrysene	50	46.8	ug/L	94				61	108	
	bis(2-Ethylhexyl)phthalate	50	46.6	ug/L	93				59	110	
	Di-n-octyl phthalate	50	44.6	ug/L	89				52	139	
	Benzo(b)fluoranthene	50	50.4	ug/L	101				77	113	
	Benzo(k)fluoranthene	50	43.5	ug/L	87				77	105	
	Benzo(a)pyrene	50	47.4	ug/L	95				72	131	
	Indeno(1,2,3-cd)pyrene	50	46.2	ug/L	92				72	105	
	Dibenz(a,h)anthracene	50	45.8	ug/L	92				78	115	
	Benzo(g,h,i)perylene	50	46.4	ug/L	93				75	118	
	1,2,4,5-Tetrachlorobenzene	50	46.6	ug/L	93				72	101	
	1,4-Dioxane	50	35.4	ug/L	71				38	125	
	2,3,4,6-Tetrachlorophenol	50	47.1	ug/L	94				63	116	