

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: Q1956

Client: CDM Smith

Analytical Method: 8270E

DataFile: BM050142.D

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	RPD	Limits		RPD
								Qual	Low	High	
PB167889BS	Benzaldehyde	50	23.0	ug/L	46				10	162	
	Phenol	50	42.9	ug/L	86				66	118	
	bis(2-Chloroethyl)ether	50	40.5	ug/L	81				62	103	
	2-Chlorophenol	50	42.6	ug/L	85				70	117	
	2-Methylphenol	50	41.7	ug/L	83				69	109	
	2,2-oxybis(1-Chloropropane)	50	40.9	ug/L	82				65	100	
	Acetophenone	50	41.5	ug/L	83				60	104	
	3+4-Methylphenols	50	41.5	ug/L	83				67	106	
	N-Nitroso-di-n-propylamine	50	39.6	ug/L	79				57	107	
	Hexachloroethane	50	40.2	ug/L	80				76	118	
	Nitrobenzene	50	42.3	ug/L	85				58	106	
	Isophorone	50	39.9	ug/L	80				61	102	
	2-Nitrophenol	50	43.8	ug/L	88				70	115	
	2,4-Dimethylphenol	50	42.9	ug/L	86				42	142	
	bis(2-Chloroethoxy)methane	50	41.3	ug/L	83				58	109	
	2,4-Dichlorophenol	50	43.0	ug/L	86				66	115	
	Naphthalene	50	40.9	ug/L	82				64	107	
	4-Chloroaniline	50	17.7	ug/L	35				10	85	
	Hexachlorobutadiene	50	41.9	ug/L	84				69	101	
	Caprolactam	50	37.4	ug/L	75				58	128	
	4-Chloro-3-methylphenol	50	40.8	ug/L	82				65	114	
	2-Methylnaphthalene	50	39.9	ug/L	80				64	107	
	Hexachlorocyclopentadiene	100	95.8	ug/L	96				36	160	
	2,4,6-Trichlorophenol	50	44.8	ug/L	90				61	110	
	2,4,5-Trichlorophenol	50	44.3	ug/L	89				70	106	
	1,1-Biphenyl	50	43.2	ug/L	86				72	98	
	2-Chloronaphthalene	50	42.9	ug/L	86				59	106	
	2-Nitroaniline	50	44.7	ug/L	89				73	114	
	Dimethylphthalate	50	41.2	ug/L	82				64	103	
	Acenaphthylene	50	42.3	ug/L	85				79	103	
	2,6-Dinitrotoluene	50	43.1	ug/L	86				64	110	
	3-Nitroaniline	50	24.8	ug/L	50				28	100	
	Acenaphthene	50	42.1	ug/L	84				59	113	
	2,4-Dinitrophenol	100	79.6	ug/L	80				36	166	
	4-Nitrophenol	100	75.7	ug/L	76				45	147	
	Dibenzofuran	50	41.8	ug/L	84				65	106	
	2,4-Dinitrotoluene	50	42.9	ug/L	86				60	115	
	Diethylphthalate	50	40.0	ug/L	80				63	105	
	4-Chlorophenyl-phenylether	50	41.7	ug/L	83				61	104	
	Fluorene	50	41.6	ug/L	83				64	107	
	4-Nitroaniline	50	38.0	ug/L	76				55	125	
	4,6-Dinitro-2-methylphenol	50	44.5	ug/L	89				62	132	
	N-Nitrosodiphenylamine	50	45.5	ug/L	91				61	109	
	4-Bromophenyl-phenylether	50	44.3	ug/L	89				73	103	

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							Qual	Low	High		
PB167889BS	Hexachlorobenzene	50	44.5	ug/L	89				73	106	
	Atrazine	50	43.7	ug/L	87				76	120	
	Pentachlorophenol	100	95.9	ug/L	96				47	114	
	Phenanthrene	50	43.2	ug/L	86				62	109	
	Anthracene	50	43.9	ug/L	88				65	110	
	Carbazole	50	43.3	ug/L	87				62	106	
	Di-n-butylphthalate	50	42.6	ug/L	85				64	106	
	Fluoranthene	50	42.4	ug/L	85				64	110	
	Pyrene	50	44.0	ug/L	88				71	103	
	Butylbenzylphthalate	50	43.8	ug/L	88				61	105	
	3,3-Dichlorobenzidine	50	24.9	ug/L	50				43	108	
	Benzo(a)anthracene	50	43.8	ug/L	88				62	107	
	Chrysene	50	43.2	ug/L	86				61	108	
	bis(2-Ethylhexyl)phthalate	50	42.8	ug/L	86				59	110	
	Di-n-octyl phthalate	50	43.7	ug/L	87				52	139	
	Benzo(b)fluoranthene	50	43.5	ug/L	87				77	113	
	Benzo(k)fluoranthene	50	42.0	ug/L	84				77	105	
	Benzo(a)pyrene	50	43.9	ug/L	88				72	131	
	Indeno(1,2,3-cd)pyrene	50	48.7	ug/L	97				72	105	
	Dibenz(a,h)anthracene	50	49.0	ug/L	98				78	115	
	Benzo(g,h,i)perylene	50	48.5	ug/L	97				75	118	
	1,2,4,5-Tetrachlorobenzene	50	44.2	ug/L	88				72	101	
	1,4-Dioxane	50	33.9	ug/L	68				38	125	
	2,3,4,6-Tetrachlorophenol	50	41.9	ug/L	84				63	116	