

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: Q1956

Client: CDM Smith

Analytical Method: 8270E

DataFile: BM050143.D

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	RPD		Limits		RPD
							Qual	Qual	Low	High	
PB167889BSD	Benzaldehyde	50	23.2	ug/L	46	1			10	162	20
	Phenol	50	43.7	ug/L	87	2			66	118	20
	bis(2-Chloroethyl)ether	50	41.7	ug/L	83	3			62	103	20
	2-Chlorophenol	50	43.7	ug/L	87	3			70	117	20
	2-Methylphenol	50	42.7	ug/L	85	2			69	109	20
	2,2-oxybis(1-Chloropropane)	50	41.6	ug/L	83	2			65	100	20
	Acetophenone	50	42.8	ug/L	86	3			60	104	20
	3+4-Methylphenols	50	42.0	ug/L	84	1			67	106	20
	N-Nitroso-di-n-propylamine	50	40.2	ug/L	80	2			57	107	20
	Hexachloroethane	50	41.7	ug/L	83	4			76	118	20
	Nitrobenzene	50	43.5	ug/L	87	3			58	106	20
	Isophorone	50	40.9	ug/L	82	2			61	102	20
	2-Nitrophenol	50	45.0	ug/L	90	3			70	115	20
	2,4-Dimethylphenol	50	44.0	ug/L	88	3			42	142	20
	bis(2-Chloroethoxy)methane	50	42.0	ug/L	84	2			58	109	20
	2,4-Dichlorophenol	50	44.5	ug/L	89	3			66	115	20
	Naphthalene	50	42.4	ug/L	85	4			64	107	20
	4-Chloroaniline	50	16.2	ug/L	32	9			10	85	20
	Hexachlorobutadiene	50	43.7	ug/L	87	4			69	101	20
	Caprolactam	50	37.8	ug/L	76	1			58	128	20
	4-Chloro-3-methylphenol	50	41.1	ug/L	82	1			65	114	20
	2-Methylnaphthalene	50	41.1	ug/L	82	3			64	107	20
	Hexachlorocyclopentadiene	100	98.8	ug/L	99	3			36	160	20
	2,4,6-Trichlorophenol	50	45.6	ug/L	91	2			61	110	20
	2,4,5-Trichlorophenol	50	45.8	ug/L	92	3			70	106	20
	1,1-Biphenyl	50	44.4	ug/L	89	3			72	98	20
	2-Chloronaphthalene	50	44.6	ug/L	89	4			59	106	20
	2-Nitroaniline	50	45.7	ug/L	91	2			73	114	20
	Dimethylphthalate	50	42.1	ug/L	84	2			64	103	20
	Acenaphthylene	50	43.5	ug/L	87	3			79	103	20
	2,6-Dinitrotoluene	50	43.9	ug/L	88	2			64	110	20
	3-Nitroaniline	50	23.6	ug/L	47	5			28	100	20
	Acenaphthene	50	43.4	ug/L	87	3			59	113	20
	2,4-Dinitrophenol	100	81.0	ug/L	81	2			36	166	20
	4-Nitrophenol	100	75.5	ug/L	76	0			45	147	20
	Dibenzofuran	50	42.6	ug/L	85	2			65	106	20
	2,4-Dinitrotoluene	50	43.4	ug/L	87	1			60	115	20
	Diethylphthalate	50	40.7	ug/L	81	2			63	105	20
	4-Chlorophenyl-phenylether	50	42.7	ug/L	85	2			61	104	20
	Fluorene	50	42.4	ug/L	85	2			64	107	20
	4-Nitroaniline	50	37.3	ug/L	75	2			55	125	20
	4,6-Dinitro-2-methylphenol	50	45.5	ug/L	91	2			62	132	20
	N-Nitrosodiphenylamine	50	46.2	ug/L	92	2			61	109	20
	4-Bromophenyl-phenylether	50	45.6	ug/L	91	3			73	103	20

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Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	RPD		Limits		
							Qual	Qual	Low	High	RPD
PB167889BSD	Hexachlorobenzene	50	45.6	ug/L	91	2			73	106	20
	Atrazine	50	44.0	ug/L	88	1			76	120	20
	Pentachlorophenol	100	97.1	ug/L	97	1			47	114	20
	Phenanthrene	50	44.3	ug/L	89	3			62	109	20
	Anthracene	50	44.6	ug/L	89	2			65	110	20
	Carbazole	50	44.0	ug/L	88	2			62	106	20
	Di-n-butylphthalate	50	43.1	ug/L	86	1			64	106	20
	Fluoranthene	50	42.5	ug/L	85	0			64	110	20
	Pyrene	50	46.5	ug/L	93	6			71	103	20
	Butylbenzylphthalate	50	45.3	ug/L	91	3			61	105	20
	3,3-Dichlorobenzidine	50	25.0	ug/L	50	0			43	108	20
	Benzo(a)anthracene	50	45.0	ug/L	90	3			62	107	20
	Chrysene	50	44.3	ug/L	89	3			61	108	20
	bis(2-Ethylhexyl)phthalate	50	44.2	ug/L	88	3			59	110	20
	Di-n-octyl phthalate	50	44.4	ug/L	89	2			52	139	20
	Benzo(b)fluoranthene	50	44.1	ug/L	88	1			77	113	20
	Benzo(k)fluoranthene	50	43.1	ug/L	86	3			77	105	20
	Benzo(a)pyrene	50	44.6	ug/L	89	2			72	131	20
	Indeno(1,2,3-cd)pyrene	50	50.2	ug/L	100	3			72	105	20
	Dibenz(a,h)anthracene	50	50.4	ug/L	101	3			78	115	20
	Benzo(g,h,i)perylene	50	50.4	ug/L	101	4			75	118	20
	1,2,4,5-Tetrachlorobenzene	50	45.8	ug/L	92	4			72	101	20
	1,4-Dioxane	50	35.6	ug/L	71	5			38	125	20
	2,3,4,6-Tetrachlorophenol	50	42.9	ug/L	86	2			63	116	20