

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: Q2458

Analytical Method: 8270E

Client: CDM Smith

DataFile: BF143028.D

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	RPD		Limits	
								Qual	Low	High	RPD
PB168716BSD	Benzaldehyde	50	25.9	ug/L	52	2			10	162	20
	Phenol	50	40.3	ug/L	81	8			66	118	20
	bis(2-Chloroethyl)ether	50	41.2	ug/L	82	10			62	103	20
	2-Chlorophenol	50	41.2	ug/L	82	10			70	117	20
	2-Methylphenol	50	41.4	ug/L	83	11			69	109	20
	2,2-oxybis(1-Chloropropane)	50	37.8	ug/L	76	10			65	100	20
	Acetophenone	50	42.6	ug/L	85	8			60	104	20
	3+4-Methylphenols	50	42.5	ug/L	85	12			67	106	20
	N-Nitroso-di-n-propylamine	50	41.5	ug/L	83	11			57	107	20
	Hexachloroethane	50	40.9	ug/L	82	10			76	118	20
	Nitrobenzene	50	42.3	ug/L	85	7			58	106	20
	Isophorone	50	42.4	ug/L	85	8			61	102	20
	2-Nitrophenol	50	44.2	ug/L	88	8			70	115	20
	2,4-Dimethylphenol	50	42.5	ug/L	85	7			42	142	20
	bis(2-Chloroethoxy)methane	50	42.0	ug/L	84	8			58	109	20
	2,4-Dichlorophenol	50	42.4	ug/L	85	9			66	115	20
	Naphthalene	50	42.2	ug/L	84	8			64	107	20
	4-Chloroaniline	50	37.2	ug/L	74	22		*	10	85	20
	Hexachlorobutadiene	50	42.5	ug/L	85	7			69	101	20
	Caprolactam	50	48.3	ug/L	97	8			58	128	20
	4-Chloro-3-methylphenol	50	44.3	ug/L	89	8			65	114	20
	2-Methylnaphthalene	50	42.5	ug/L	85	7			64	107	20
	Hexachlorocyclopentadiene	100	71.7	ug/L	72	7			36	160	20
	2,4,6-Trichlorophenol	50	41.4	ug/L	83	10			61	110	20
	2,4,5-Trichlorophenol	50	42.1	ug/L	84	8			70	106	20
	1,1-Biphenyl	50	42.6	ug/L	85	10			72	98	20
	2-Chloronaphthalene	50	42.1	ug/L	84	9			59	106	20
	2-Nitroaniline	50	44.5	ug/L	89	6			73	114	20
	Dimethylphthalate	50	44.8	ug/L	90	8			64	103	20
	Acenaphthylene	50	42.7	ug/L	85	9			79	103	20
	2,6-Dinitrotoluene	50	45.4	ug/L	91	6			64	110	20
	3-Nitroaniline	50	37.4	ug/L	75	13			28	100	20
	Acenaphthene	50	46.6	ug/L	93	11			59	113	20
	2,4-Dinitrophenol	100	91.4	ug/L	91	9			36	166	20
	4-Nitrophenol	100	75.8	ug/L	76	7			45	147	20
	Dibenzofuran	50	42.9	ug/L	86	8			65	106	20
	2,4-Dinitrotoluene	50	45.8	ug/L	92	6			60	115	20
	Diethylphthalate	50	45.5	ug/L	91	8			63	105	20
	4-Chlorophenyl-phenylether	50	43.7	ug/L	87	9			61	104	20
	Fluorene	50	44.1	ug/L	88	8			64	107	20
	4-Nitroaniline	50	44.5	ug/L	89	5			55	125	20
	4,6-Dinitro-2-methylphenol	50	44.8	ug/L	90	7			62	132	20
	N-Nitrosodiphenylamine	50	43.7	ug/L	87	8			61	109	20
	4-Bromophenyl-phenylether	50	45.2	ug/L	90	8			73	103	20

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Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	RPD	Limits		RPD
								Qual	Low	High	
PB168716BSD	Hexachlorobenzene	50	43.8	ug/L	88	8			73	106	20
	Atrazine	50	48.4	ug/L	97	8			76	120	20
	Pentachlorophenol	100	78.4	ug/L	78	4			47	114	20
	Phenanthrene	50	43.2	ug/L	86	9			62	109	20
	Anthracene	50	43.9	ug/L	88	7			65	110	20
	Carbazole	50	44.0	ug/L	88	6			62	106	20
	Di-n-butylphthalate	50	46.8	ug/L	94	10			64	106	20
	Fluoranthene	50	43.1	ug/L	86	8			64	110	20
	Pyrene	50	46.3	ug/L	93	7			71	103	20
	Butylbenzylphthalate	50	48.4	ug/L	97	9			61	105	20
	3,3-Dichlorobenzidine	50	36.3	ug/L	73	35		*	43	108	20
	Benzo(a)anthracene	50	45.6	ug/L	91	6			62	107	20
	Chrysene	50	44.0	ug/L	88	6			61	108	20
	bis(2-Ethylhexyl)phthalate	50	44.2	ug/L	88	5			59	110	20
	Di-n-octyl phthalate	50	42.5	ug/L	85	5			52	139	20
	Benzo(b)fluoranthene	50	42.8	ug/L	86	16			77	113	20
	Benzo(k)fluoranthene	50	44.9	ug/L	90	3			77	105	20
	Benzo(a)pyrene	50	44.2	ug/L	88	7			72	131	20
	Indeno(1,2,3-cd)pyrene	50	42.5	ug/L	85	8			72	105	20
	Dibenz(a,h)anthracene	50	42.9	ug/L	86	7			78	115	20
	Benzo(g,h,i)perylene	50	42.8	ug/L	86	8			75	118	20
	1,2,4,5-Tetrachlorobenzene	50	42.9	ug/L	86	8			72	101	20
	1,4-Dioxane	50	32.4	ug/L	65	9			38	125	20
	2,3,4,6-Tetrachlorophenol	50	43.3	ug/L	87	8			63	116	20