

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: Q2032

Client: CDM Smith

Analytical Method: 8270E

DataFile: BP024708.D

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	RPD		Low	Limits	
							Qual	Qual		High	RPD
PB168048BSD	Benzaldehyde	50	33.3	ug/L	67	8			10	162	20
	Phenol	50	41.7	ug/L	83	4			66	118	20
	bis(2-Chloroethyl)ether	50	38.9	ug/L	78	9			62	103	20
	2-Chlorophenol	50	43.8	ug/L	88	5			70	117	20
	2-Methylphenol	50	40.8	ug/L	82	2			69	109	20
	2,2-oxybis(1-Chloropropane)	50	35.5	ug/L	71	2			65	100	20
	Acetophenone	50	41.6	ug/L	83	7			60	104	20
	3+4-Methylphenols	50	40.5	ug/L	81	4			67	106	20
	N-Nitroso-di-n-propylamine	50	34.9	ug/L	70	4			57	107	20
	Hexachloroethane	50	39.5	ug/L	79	4			76	118	20
	Nitrobenzene	50	42.2	ug/L	84	11			58	106	20
	Isophorone	50	37.7	ug/L	75	5			61	102	20
	2-Nitrophenol	50	47.7	ug/L	95	9			70	115	20
	2,4-Dimethylphenol	50	46.0	ug/L	92	7			42	142	20
	bis(2-Chloroethoxy)methane	50	39.7	ug/L	79	7			58	109	20
	2,4-Dichlorophenol	50	47.2	ug/L	94	7			66	115	20
	Naphthalene	50	42.5	ug/L	85	8			64	107	20
	4-Chloroaniline	50	34.9	ug/L	70	57		*	10	85	20
	Hexachlorobutadiene	50	45.8	ug/L	92	8			69	101	20
	Caprolactam	50	43.3	ug/L	87	9			58	128	20
	4-Chloro-3-methylphenol	50	42.8	ug/L	86	2			65	114	20
	2-Methylnaphthalene	50	41.9	ug/L	84	6			64	107	20
	Hexachlorocyclopentadiene	100	99.7	ug/L	100	11			36	160	20
	2,4,6-Trichlorophenol	50	49.8	ug/L	100	7			61	110	20
	2,4,5-Trichlorophenol	50	48.4	ug/L	97	7			70	106	20
	1,1-Biphenyl	50	45.9	ug/L	92	7			72	98	20
	2-Chloronaphthalene	50	46.2	ug/L	92	7			59	106	20
	2-Nitroaniline	50	45.1	ug/L	90	4			73	114	20
	Dimethylphthalate	50	44.8	ug/L	90	6			64	103	20
	Acenaphthylene	50	43.7	ug/L	87	5			79	103	20
	2,6-Dinitrotoluene	50	45.8	ug/L	92	6			64	110	20
	3-Nitroaniline	50	37.1	ug/L	74	34		*	28	100	20
	Acenaphthene	50	44.5	ug/L	89	7			59	113	20
	2,4-Dinitrophenol	100	86.7	ug/L	87	6			36	166	20
	4-Nitrophenol	100	78.4	ug/L	78	4			45	147	20
	Dibenzofuran	50	43.7	ug/L	87	3			65	106	20
	2,4-Dinitrotoluene	50	45.9	ug/L	92	3			60	115	20
	Diethylphthalate	50	44.1	ug/L	88	6			63	105	20
	4-Chlorophenyl-phenylether	50	45.4	ug/L	91	7			61	104	20
	Fluorene	50	45.6	ug/L	91	7			64	107	20
	4-Nitroaniline	50	43.8	ug/L	88	9			55	125	20
	4,6-Dinitro-2-methylphenol	50	49.0	ug/L	98	10			62	132	20
	N-Nitrosodiphenylamine	50	47.5	ug/L	95	11			61	109	20
	4-Bromophenyl-phenylether	50	48.0	ug/L	96	9			73	103	20

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							Qual	Qual		High	RPD
PB168048BSD	Hexachlorobenzene	50	47.6	ug/L	95	7			73	106	20
	Atrazine	50	47.6	ug/L	95	7			76	120	20
	Pentachlorophenol	100	110	ug/L	110	11			47	114	20
	Phenanthrene	50	44.4	ug/L	89	9			62	109	20
	Anthracene	50	46.9	ug/L	94	10			65	110	20
	Carbazole	50	46.9	ug/L	94	9			62	106	20
	Di-n-butylphthalate	50	46.4	ug/L	93	11			64	106	20
	Fluoranthene	50	45.0	ug/L	90	6			64	110	20
	Pyrene	50	43.3	ug/L	87	2			71	103	20
	Butylbenzylphthalate	50	44.7	ug/L	89	4			61	105	20
	3,3-Dichlorobenzidine	50	41.3	ug/L	83	22		*	43	108	20
	Benzo(a)anthracene	50	44.7	ug/L	89	6			62	107	20
	Chrysene	50	44.7	ug/L	89	9			61	108	20
	bis(2-Ethylhexyl)phthalate	50	47.2	ug/L	94	6			59	110	20
	Di-n-octyl phthalate	50	47.7	ug/L	95	5			52	139	20
	Benzo(b)fluoranthene	50	47.0	ug/L	94	10			77	113	20
	Benzo(k)fluoranthene	50	45.9	ug/L	92	7			77	105	20
	Benzo(a)pyrene	50	46.4	ug/L	93	9			72	131	20
	Indeno(1,2,3-cd)pyrene	50	45.4	ug/L	91	6			72	105	20
	Dibenz(a,h)anthracene	50	46.0	ug/L	92	6			78	115	20
	Benzo(g,h,i)perylene	50	44.9	ug/L	90	6			75	118	20
	1,2,4,5-Tetrachlorobenzene	50	47.0	ug/L	94	8			72	101	20
	1,4-Dioxane	50	31.5	ug/L	63	2			38	125	20
	2,3,4,6-Tetrachlorophenol	50	48.0	ug/L	96	10			63	116	20