

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: Q1956

Client: CDM Smith

Analytical Method: SW8270E

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Low	Limits High	RPD
Lab Sample ID:	Q1956-03MS	Client Sample ID:	SB2-4-5MS					DataFile:	BP024551.D		
Benzaldehyde	1800	0	1100	ug/Kg	61				10	86	
Phenol	1800	0	1700	ug/Kg	94				67	126	
bis(2-Chloroethyl)ether	1800	0	1500	ug/Kg	83				54	125	
2-Chlorophenol	1800	0	1700	ug/Kg	94				79	107	
2-Methylphenol	1800	0	1800	ug/Kg	100				66	122	
2,2-oxybis(1-Chloropropane)	1800	0	1600	ug/Kg	89				65	110	
Acetophenone	1800	0	1600	ug/Kg	89				75	111	
3+4-Methylphenols	1800	0	1800	ug/Kg	100				66	104	
N-Nitroso-di-n-propylamine	1800	0	1500	ug/Kg	83				59	119	
Hexachloroethane	1800	0	1700	ug/Kg	94				65	117	
Nitrobenzene	1800	0	1600	ug/Kg	89				70	119	
Isophorone	1800	0	1700	ug/Kg	94				76	122	
2-Nitrophenol	1800	0	1800	ug/Kg	100				54	145	
2,4-Dimethylphenol	1800	0	2500	ug/Kg	139	*			44	135	
bis(2-Chloroethoxy)methane	1800	0	1500	ug/Kg	83				68	112	
2,4-Dichlorophenol	1800	0	1800	ug/Kg	100				72	118	
Naphthalene	1800	0	1600	ug/Kg	89				72	110	
4-Chloroaniline	1800	0	910	ug/Kg	51				10	91	
Hexachlorobutadiene	1800	0	1800	ug/Kg	100				66	114	
Caprolactam	1800	0	1700	ug/Kg	94				51	134	
4-Chloro-3-methylphenol	1800	0	1800	ug/Kg	100				57	132	
2-Methylnaphthalene	1800	0	1500	ug/Kg	83				59	123	
Hexachlorocyclopentadiene	3600	0	5300	ug/Kg	147				10	175	
2,4,6-Trichlorophenol	1800	0	1900	ug/Kg	106				72	117	
2,4,5-Trichlorophenol	1800	0	1900	ug/Kg	106				72	117	
1,1-Biphenyl	1800	0	1600	ug/Kg	89				75	113	
2-Chloronaphthalene	1800	0	1700	ug/Kg	94				67	118	
2-Nitroaniline	1800	0	1900	ug/Kg	106				69	127	
Dimethylphthalate	1800	0	1700	ug/Kg	94				70	113	
Acenaphthylene	1800	0	1800	ug/Kg	100				79	118	
2,6-Dinitrotoluene	1800	0	1800	ug/Kg	100				70	125	
3-Nitroaniline	1800	0	1700	ug/Kg	94				30	99	
Acenaphthene	1800	0	1600	ug/Kg	89				70	121	
2,4-Dinitrophenol	3600	0	3500	ug/Kg	97				10	155	
4-Nitrophenol	3600	0	3600	ug/Kg	100				45	133	
Dibenzofuran	1800	0	1600	ug/Kg	89				72	110	
2,4-Dinitrotoluene	1800	0	1900	ug/Kg	106				55	128	
Diethylphthalate	1800	0	1700	ug/Kg	94				70	112	
4-Chlorophenyl-phenylether	1800	0	1700	ug/Kg	94				71	108	
Fluorene	1800	0	1700	ug/Kg	94				68	116	
4-Nitroaniline	1800	0	1700	ug/Kg	94				55	120	
4,6-Dinitro-2-methylphenol	1800	0	1700	ug/Kg	94				10	160	
N-Nitrosodiphenylamine	1800	0	1700	ug/Kg	94				73	118	
4-Bromophenyl-phenylether	1800	0	1800	ug/Kg	100				65	121	
Hexachlorobenzene	1800	0	1900	ug/Kg	106				67	118	
Atrazine	1800	0	2400	ug/Kg	133	*			79	127	

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Pentachlorophenol	3600	0	3600	ug/Kg	100				47	128	
Phenanthrene	1800	0	1700	ug/Kg	94				52	128	
Anthracene	1800	0	1800	ug/Kg	100				62	124	
Carbazole	1800	0	1700	ug/Kg	94				59	119	
Di-n-butylphthalate	1800	0	1800	ug/Kg	100				69	118	
Fluoranthene	1800	0	1700	ug/Kg	94				44	125	
Pyrene	1800	0	1700	ug/Kg	94				26	142	
Butylbenzylphthalate	1800	0	1900	ug/Kg	106				64	126	
3,3-Dichlorobenzidine	1800	0	1400	ug/Kg	78				33	116	
Benzo(a)anthracene	1800	0	1700	ug/Kg	94				71	114	
Chrysene	1800	0	1600	ug/Kg	89				57	121	
bis(2-Ethylhexyl)phthalate	1800	0	1800	ug/Kg	100				42	169	
Di-n-octyl phthalate	1800	0	1800	ug/Kg	100				23	175	
Benzo(b)fluoranthene	1800	0	1600	ug/Kg	89				67	121	
Benzo(k)fluoranthene	1800	0	1700	ug/Kg	94				57	134	
Benzo(a)pyrene	1800	0	1800	ug/Kg	100				70	142	
Indeno(1,2,3-cd)pyrene	1800	0	1800	ug/Kg	100				40	129	
Dibenz(a,h)anthracene	1800	0	1800	ug/Kg	100				43	123	
Benzo(g,h,i)perylene	1800	0	1700	ug/Kg	94				24	125	
1,2,4,5-Tetrachlorobenzene	1800	0	1700	ug/Kg	94				69	124	
1,4-Dioxane	1800	0	1400	ug/Kg	78				46	112	
2,3,4,6-Tetrachlorophenol	1800	0	1800	ug/Kg	100				69	112	