

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: Q2074

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:	Q2075-04MS	Client Sample ID:	SS-11MS					DataFile:	BF142487.D		
Benzaldehyde	1900	0	1500	ug/Kg	79				10	86	
Phenol	1900	0	1600	ug/Kg	84				67	126	
bis(2-Chloroethyl)ether	1900	0	1500	ug/Kg	79				54	125	
2-Chlorophenol	1900	0	1600	ug/Kg	84				79	107	
2-Methylphenol	1900	0	1500	ug/Kg	79				66	122	
2,2-oxybis(1-Chloropropane)	1900	0	1500	ug/Kg	79				65	110	
Acetophenone	1900	0	1700	ug/Kg	89				75	111	
3+4-Methylphenols	1900	0	1500	ug/Kg	79				66	104	
N-Nitroso-di-n-propylamine	1900	0	1500	ug/Kg	79				59	119	
Hexachloroethane	1900	0	1500	ug/Kg	79				65	117	
Nitrobenzene	1900	0	1600	ug/Kg	84				70	119	
Isophorone	1900	0	1500	ug/Kg	79				76	122	
2-Nitrophenol	1900	0	1600	ug/Kg	84				54	145	
2,4-Dimethylphenol	1900	0	1600	ug/Kg	84				44	135	
bis(2-Chloroethoxy)methane	1900	0	1500	ug/Kg	79				68	112	
2,4-Dichlorophenol	1900	0	1600	ug/Kg	84				72	118	
Naphthalene	1900	0	1600	ug/Kg	84				72	110	
4-Chloroaniline	1900	0	390	ug/Kg	21				10	91	
Hexachlorobutadiene	1900	0	1600	ug/Kg	84				66	114	
Caprolactam	1900	0	2100	ug/Kg	111				51	134	
4-Chloro-3-methylphenol	1900	0	1600	ug/Kg	84				57	132	
2-Methylnaphthalene	1900	0	1600	ug/Kg	84				59	123	
Hexachlorocyclopentadiene	3800	0	2800	ug/Kg	74				10	175	
2,4,6-Trichlorophenol	1900	0	1500	ug/Kg	79				72	117	
2,4,5-Trichlorophenol	1900	0	1600	ug/Kg	84				72	117	
1,1-Biphenyl	1900	0	1600	ug/Kg	84				75	113	
2-Chloronaphthalene	1900	0	1500	ug/Kg	79				67	118	
2-Nitroaniline	1900	0	1700	ug/Kg	89				69	127	
Dimethylphthalate	1900	0	1600	ug/Kg	84				70	113	
Acenaphthylene	1900	0	1600	ug/Kg	84				79	118	
2,6-Dinitrotoluene	1900	0	1700	ug/Kg	89				70	125	
3-Nitroaniline	1900	0	1100	ug/Kg	58				30	99	
Acenaphthene	1900	0	1800	ug/Kg	95				70	121	
2,4-Dinitrophenol	3800	0	4100	ug/Kg	108				10	155	
4-Nitrophenol	3800	0	4300	ug/Kg	113				45	133	
Dibenzofuran	1900	0	1600	ug/Kg	84				72	110	
2,4-Dinitrotoluene	1900	0	1900	ug/Kg	100				55	128	
Diethylphthalate	1900	0	1700	ug/Kg	89				70	112	
4-Chlorophenyl-phenylether	1900	0	1600	ug/Kg	84				71	108	
Fluorene	1900	0	1700	ug/Kg	89				68	116	
4-Nitroaniline	1900	0	2100	ug/Kg	111				55	120	
4,6-Dinitro-2-methylphenol	1900	0	1800	ug/Kg	95				10	160	
N-Nitrosodiphenylamine	1900	0	1500	ug/Kg	79				73	118	
4-Bromophenyl-phenylether	1900	0	1400	ug/Kg	74				65	121	
Hexachlorobenzene	1900	0	1500	ug/Kg	79				67	118	
Atrazine	1900	0	2000	ug/Kg	105				79	127	

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Pentachlorophenol	3800	0	3500	ug/Kg	92				47	128	
Phenanthrene	1900	0	1600	ug/Kg	84				52	128	
Anthracene	1900	0	1700	ug/Kg	89				62	124	
Carbazole	1900	0	1900	ug/Kg	100				59	119	
Di-n-butylphthalate	1900	0	2000	ug/Kg	105				69	118	
Fluoranthene	1900	120	2200	ug/Kg	109				44	125	
Pyrene	1900	0	1300	ug/Kg	68				26	142	
Butylbenzylphthalate	1900	0	1900	ug/Kg	100				64	126	
3,3-Dichlorobenzidine	1900	0	720	ug/Kg	38				33	116	
Benzo(a)anthracene	1900	0	1700	ug/Kg	89				71	114	
Chrysene	1900	0	1600	ug/Kg	84				57	121	
bis(2-Ethylhexyl)phthalate	1900	0	2100	ug/Kg	111				42	169	
Di-n-octyl phthalate	1900	0	1700	ug/Kg	89				23	175	
Benzo(b)fluoranthene	1900	0	1900	ug/Kg	100				67	121	
Benzo(k)fluoranthene	1900	0	1600	ug/Kg	84				57	134	
Benzo(a)pyrene	1900	0	1700	ug/Kg	89				70	142	
Indeno(1,2,3-cd)pyrene	1900	0	1400	ug/Kg	74				40	129	
Dibenz(a,h)anthracene	1900	0	1400	ug/Kg	74				43	123	
Benzo(g,h,i)perylene	1900	0	1300	ug/Kg	68				24	125	
1,2,4,5-Tetrachlorobenzene	1900	0	1500	ug/Kg	79				69	124	
1,4-Dioxane	1900	0	1400	ug/Kg	74				46	112	
2,3,4,6-Tetrachlorophenol	1900	0	1700	ug/Kg	89				69	112	