284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
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Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: Q2010

Client: CDM Smith

Analytical Method: SW8270E

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Limits Low	Limits High	RPD
Lab Sample ID: Q2010-02MS		**Client Sample ID: TP-13MS**						**DataFile: BP024638.D**			
Benzaldehyde	2000	0	1600	ug/Kg	80				10	86	
Phenol	2000	0	1800	ug/Kg	90				67	126	
bis(2-Chloroethyl)ether	2000	0	1600	ug/Kg	80				54	125	
2-Chlorophenol	2000	0	1800	ug/Kg	90				79	107	
2-Methylphenol	2000	0	1700	ug/Kg	85				66	122	
2,2-oxybis(1-Chloropropane)	2000	0	1600	ug/Kg	80				65	110	
Acetophenone	2000	0	1600	ug/Kg	80				75	111	
3+4-Methylphenols	2000	0	1600	ug/Kg	80				66	104	
N-Nitroso-di-n-propylamine	2000	0	1400	ug/Kg	70				59	119	
Hexachloroethane	2000	0	1600	ug/Kg	80				65	117	
Nitrobenzene	2000	0	1800	ug/Kg	90				70	119	
Isophorone	2000	0	1700	ug/Kg	85				76	122	
2-Nitrophenol	2000	0	2000	ug/Kg	100				54	145	
2,4-Dimethylphenol	2000	0	1900	ug/Kg	95				44	135	
bis(2-Chloroethoxy)methane	2000	0	1700	ug/Kg	85				68	112	
2,4-Dichlorophenol	2000	0	1900	ug/Kg	95				72	118	
Naphthalene	2000	0	1800	ug/Kg	90				72	110	
4-Chloroaniline	2000	0	1100	ug/Kg	55				10	91	
Hexachlorobutadiene	2000	0	1800	ug/Kg	90				66	114	
Caprolactam	2000	0	1900	ug/Kg	95				51	134	
4-Chloro-3-methylphenol	2000	0	1800	ug/Kg	90				57	132	
2-Methylnaphthalene	2000	0	1700	ug/Kg	85				59	123	
Hexachlorocyclopentadiene	3900	0	4500	ug/Kg	115				10	175	
2,4,6-Trichlorophenol	2000	0	2000	ug/Kg	100				72	117	
2,4,5-Trichlorophenol	2000	0	2000	ug/Kg	100				72	117	
1,1-Biphenyl	2000	0	1800	ug/Kg	90				75	113	
2-Chloronaphthalene	2000	0	1800	ug/Kg	90				67	118	
2-Nitroaniline	2000	0	1900	ug/Kg	95				69	127	
Dimethylphthalate	2000	0	1800	ug/Kg	90				70	113	
Acenaphthylene	2000	0	1800	ug/Kg	90				79	118	
2,6-Dinitrotoluene	2000	0	1800	ug/Kg	90				70	125	
3-Nitroaniline	2000	0	1300	ug/Kg	65				30	99	
Acenaphthene	2000	0	1800	ug/Kg	90				70	121	
2,4-Dinitrophenol	3900	0	3800	ug/Kg	97				10	155	
4-Nitrophenol	3900	0	3800	ug/Kg	97				45	133	
Dibenzofuran	2000	0	1800	ug/Kg	90				72	110	
2,4-Dinitrotoluene	2000	0	1900	ug/Kg	95				55	128	
Diethylphthalate	2000	0	1800	ug/Kg	90				70	112	
4-Chlorophenyl-phenylether	2000	0	1800	ug/Kg	90				71	108	
Fluorene	2000	0	1800	ug/Kg	90				68	116	
4-Nitroaniline	2000	0	2000	ug/Kg	100				55	120	
4,6-Dinitro-2-methylphenol	2000	0	2000	ug/Kg	100				10	160	
N-Nitrosodiphenylamine	2000	0	1800	ug/Kg	90				73	118	
4-Bromophenyl-phenylether	2000	0	1800	ug/Kg	90				65	121	
Hexachlorobenzene	2000	0	1800	ug/Kg	90				67	118	
Atrazine	2000	0	1900	ug/Kg	95				79	127	

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Analytical Method: SW8270E

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Limits Low	Limits High	RPD
Pentachlorophenol	3900	0	4300	ug/Kg	110				47	128	
Phenanthrene	2000	0	1800	ug/Kg	90				52	128	
Anthracene	2000	0	1800	ug/Kg	90				62	124	
Carbazole	2000	0	1900	ug/Kg	95				59	119	
Di-n-butylphthalate	2000	0	1900	ug/Kg	95				69	118	
Fluoranthene	2000	0	1800	ug/Kg	90				44	125	
Pyrene	2000	0	1900	ug/Kg	95				26	142	
Butylbenzylphthalate	2000	0	2000	ug/Kg	100				64	126	
3,3-Dichlorobenzidine	2000	0	1300	ug/Kg	65				33	116	
Benzo(a)anthracene	2000	0	1800	ug/Kg	90				71	114	
Chrysene	2000	0	1800	ug/Kg	90				57	121	
bis(2-Ethylhexyl)phthalate	2000	0	2000	ug/Kg	100				42	169	
Di-n-octyl phthalate	2000	0	2100	ug/Kg	105				23	175	
Benzo(b)fluoranthene	2000	0	1900	ug/Kg	95				67	121	
Benzo(k)fluoranthene	2000	0	1800	ug/Kg	90				57	134	
Benzo(a)pyrene	2000	0	1900	ug/Kg	95				70	142	
Indeno(1,2,3-cd)pyrene	2000	0	1900	ug/Kg	95				40	129	
Dibenz(a,h)anthracene	2000	0	1900	ug/Kg	95				43	123	
Benzo(g,h,i)perylene	2000	0	1900	ug/Kg	95				24	125	
1,2,4,5-Tetrachlorobenzene	2000	0	1900	ug/Kg	95				69	124	
1,4-Dioxane	2000	0	1500	ug/Kg	75				46	112	
2,3,4,6-Tetrachlorophenol	2000	0	1900	ug/Kg	95				69	112	