

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: Q2100

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:	Q2100-04MS	Client Sample ID:	TP-45MS					DataFile:	BF142531.D		
Benzaldehyde	2200	0	1700	ug/Kg	77				10	86	
Phenol	2200	0	1800	ug/Kg	82				67	126	
bis(2-Chloroethyl)ether	2200	0	1800	ug/Kg	82				54	125	
2-Chlorophenol	2200	0	1800	ug/Kg	82				79	107	
2-Methylphenol	2200	0	1800	ug/Kg	82				66	122	
2,2-oxybis(1-Chloropropane)	2200	0	1800	ug/Kg	82				65	110	
Acetophenone	2200	0	1800	ug/Kg	82				75	111	
3+4-Methylphenols	2200	0	1800	ug/Kg	82				66	104	
N-Nitroso-di-n-propylamine	2200	0	1800	ug/Kg	82				59	119	
Hexachloroethane	2200	0	1800	ug/Kg	82				65	117	
Nitrobenzene	2200	0	1900	ug/Kg	86				70	119	
Isophorone	2200	0	1800	ug/Kg	82				76	122	
2-Nitrophenol	2200	0	1900	ug/Kg	86				54	145	
2,4-Dimethylphenol	2200	0	1900	ug/Kg	86				44	135	
bis(2-Chloroethoxy)methane	2200	0	1800	ug/Kg	82				68	112	
2,4-Dichlorophenol	2200	0	1800	ug/Kg	82				72	118	
Naphthalene	2200	0	1800	ug/Kg	82				72	110	
4-Chloroaniline	2200	0	710	ug/Kg	32				10	91	
Hexachlorobutadiene	2200	0	1800	ug/Kg	82				66	114	
Caprolactam	2200	0	2000	ug/Kg	91				51	134	
4-Chloro-3-methylphenol	2200	0	1800	ug/Kg	82				57	132	
2-Methylnaphthalene	2200	0	1800	ug/Kg	82				59	123	
Hexachlorocyclopentadiene	4400	0	3600	ug/Kg	82				10	175	
2,4,6-Trichlorophenol	2200	0	1900	ug/Kg	86				72	117	
2,4,5-Trichlorophenol	2200	0	1800	ug/Kg	82				72	117	
1,1-Biphenyl	2200	0	1800	ug/Kg	82				75	113	
2-Chloronaphthalene	2200	0	1800	ug/Kg	82				67	118	
2-Nitroaniline	2200	0	1900	ug/Kg	86				69	127	
Dimethylphthalate	2200	0	1900	ug/Kg	86				70	113	
Acenaphthylene	2200	0	1800	ug/Kg	82				79	118	
2,6-Dinitrotoluene	2200	0	1900	ug/Kg	86				70	125	
3-Nitroaniline	2200	0	1100	ug/Kg	50				30	99	
Acenaphthene	2200	0	2000	ug/Kg	91				70	121	
2,4-Dinitrophenol	4400	0	4400	ug/Kg	100				10	155	
4-Nitrophenol	4400	0	3900	ug/Kg	89				45	133	
Dibenzofuran	2200	0	1800	ug/Kg	82				72	110	
2,4-Dinitrotoluene	2200	0	1900	ug/Kg	86				55	128	
Diethylphthalate	2200	0	1800	ug/Kg	82				70	112	
4-Chlorophenyl-phenylether	2200	0	1800	ug/Kg	82				71	108	
Fluorene	2200	0	1800	ug/Kg	82				68	116	
4-Nitroaniline	2200	0	1900	ug/Kg	86				55	120	
4,6-Dinitro-2-methylphenol	2200	0	2200	ug/Kg	100				10	160	
N-Nitrosodiphenylamine	2200	0	1800	ug/Kg	82				73	118	
4-Bromophenyl-phenylether	2200	0	1800	ug/Kg	82				65	121	
Hexachlorobenzene	2200	0	1900	ug/Kg	86				67	118	
Atrazine	2200	0	2100	ug/Kg	95				79	127	

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Pentachlorophenol	4400	0	3900	ug/Kg	89				47	128	
Phenanthrene	2200	0	1800	ug/Kg	82				52	128	
Anthracene	2200	0	1800	ug/Kg	82				62	124	
Carbazole	2200	0	1900	ug/Kg	86				59	119	
Di-n-butylphthalate	2200	0	2000	ug/Kg	91				69	118	
Fluoranthene	2200	0	1900	ug/Kg	86				44	125	
Pyrene	2200	0	1800	ug/Kg	82				26	142	
Butylbenzylphthalate	2200	0	2300	ug/Kg	105				64	126	
3,3-Dichlorobenzidine	2200	0	1300	ug/Kg	59				33	116	
Benzo(a)anthracene	2200	0	1800	ug/Kg	82				71	114	
Chrysene	2200	0	1900	ug/Kg	86				57	121	
bis(2-Ethylhexyl)phthalate	2200	0	2300	ug/Kg	105				42	169	
Di-n-octyl phthalate	2200	0	1900	ug/Kg	86				23	175	
Benzo(b)fluoranthene	2200	0	2000	ug/Kg	91				67	121	
Benzo(k)fluoranthene	2200	0	1700	ug/Kg	77				57	134	
Benzo(a)pyrene	2200	0	1900	ug/Kg	86				70	142	
Indeno(1,2,3-cd)pyrene	2200	0	1900	ug/Kg	86				40	129	
Dibenz(a,h)anthracene	2200	0	1900	ug/Kg	86				43	123	
Benzo(g,h,i)perylene	2200	0	1900	ug/Kg	86				24	125	
1,2,4,5-Tetrachlorobenzene	2200	0	1800	ug/Kg	82				69	124	
1,4-Dioxane	2200	0	1500	ug/Kg	68				46	112	
2,3,4,6-Tetrachlorophenol	2200	0	1900	ug/Kg	86				69	112	