

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: Q2436

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:	Q2430-01MS	Client Sample ID:	MH-E/FMS					DataFile:	BF142921.D		
Benzaldehyde	1100	0	650	ug/Kg	59				10	171	
Phenol	1100	0	940	ug/Kg	85				51	122	
bis(2-Chloroethyl)ether	1100	0	980	ug/Kg	89				54	125	
2-Chlorophenol	1100	0	990	ug/Kg	90				51	121	
2-Methylphenol	1100	0	960	ug/Kg	87				47	125	
2,2-oxybis(1-Chloropropane)	1100	0	920	ug/Kg	84				46	119	
Acetophenone	1100	0	1000	ug/Kg	91				55	128	
3+4-Methylphenols	1100	0	1000	ug/Kg	91				49	125	
N-Nitroso-di-n-propylamine	1100	0	990	ug/Kg	90				59	119	
Hexachloroethane	1100	0	1000	ug/Kg	91				51	116	
Nitrobenzene	1100	0	980	ug/Kg	89				47	124	
Isophorone	1100	0	980	ug/Kg	89				49	127	
2-Nitrophenol	1100	0	1000	ug/Kg	91				43	131	
2,4-Dimethylphenol	1100	0	950	ug/Kg	86				63	151	
bis(2-Chloroethoxy)methane	1100	0	990	ug/Kg	90				51	119	
2,4-Dichlorophenol	1100	0	980	ug/Kg	89				50	122	
Naphthalene	1100	0	980	ug/Kg	89				51	121	
4-Chloroaniline	1100	0	250	ug/Kg	23				10	100	
Hexachlorobutadiene	1100	0	1000	ug/Kg	91				44	126	
Caprolactam	1100	0	1000	ug/Kg	91				51	134	
4-Chloro-3-methylphenol	1100	0	980	ug/Kg	89				57	132	
2-Methylnaphthalene	1100	0	990	ug/Kg	90				59	123	
Hexachlorocyclopentadiene	2300	0	1800	ug/Kg	78				10	175	
2,4,6-Trichlorophenol	1100	0	1000	ug/Kg	91				33	141	
2,4,5-Trichlorophenol	1100	0	990	ug/Kg	90				38	135	
1,1-Biphenyl	1100	0	1000	ug/Kg	91				55	131	
2-Chloronaphthalene	1100	0	1000	ug/Kg	91				48	124	
2-Nitroaniline	1100	0	1000	ug/Kg	91				47	134	
Dimethylphthalate	1100	0	1000	ug/Kg	91				54	120	
Acenaphthylene	1100	0	1000	ug/Kg	91				57	125	
2,6-Dinitrotoluene	1100	0	1100	ug/Kg	100				48	127	
3-Nitroaniline	1100	0	450	ug/Kg	41				10	112	
Acenaphthene	1100	0	1100	ug/Kg	100				70	121	
2,4-Dinitrophenol	2300	0	1400	ug/Kg	61				10	155	
4-Nitrophenol	2300	0	1900	ug/Kg	83				10	175	
Dibenzofuran	1100	0	1000	ug/Kg	91				52	114	
2,4-Dinitrotoluene	1100	0	1100	ug/Kg	100				41	140	
Diethylphthalate	1100	0	1100	ug/Kg	100				51	119	
4-Chlorophenyl-phenylether	1100	0	1000	ug/Kg	91				48	122	
Fluorene	1100	0	1000	ug/Kg	91				53	118	
4-Nitroaniline	1100	0	970	ug/Kg	88				29	140	
4,6-Dinitro-2-methylphenol	1100	0	870	ug/Kg	79				10	160	
N-Nitrosodiphenylamine	1100	0	1000	ug/Kg	91				73	118	
4-Bromophenyl-phenylether	1100	0	1000	ug/Kg	91				65	121	
Hexachlorobenzene	1100	0	1000	ug/Kg	91				67	118	
Atrazine	1100	0	1200	ug/Kg	109				45	175	

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Pentachlorophenol	2300	0	1800	ug/Kg	78				13	153	
Phenanthrene	1100	0	1000	ug/Kg	91				52	128	
Anthracene	1100	0	1000	ug/Kg	91				62	124	
Carbazole	1100	0	1000	ug/Kg	91				59	119	
Di-n-butylphthalate	1100	0	1200	ug/Kg	109				55	125	
Fluoranthene	1100	0	1000	ug/Kg	91				44	125	
Pyrene	1100	0	950	ug/Kg	86				37	122	
Butylbenzylphthalate	1100	0	1200	ug/Kg	109				44	135	
3,3-Dichlorobenzidine	1100	0	210	ug/Kg	19				15	112	
Benzo(a)anthracene	1100	0	980	ug/Kg	89				53	119	
Chrysene	1100	0	1000	ug/Kg	91				57	121	
bis(2-Ethylhexyl)phthalate	1100	0	1200	ug/Kg	109				42	169	
Di-n-octyl phthalate	1100	0	990	ug/Kg	90				51	156	
Benzo(b)fluoranthene	1100	0	970	ug/Kg	88				52	117	
Benzo(k)fluoranthene	1100	0	1100	ug/Kg	100				57	134	
Benzo(a)pyrene	1100	0	1000	ug/Kg	91				70	142	
Indeno(1,2,3-cd)pyrene	1100	0	920	ug/Kg	84				40	129	
Dibenz(a,h)anthracene	1100	0	920	ug/Kg	84				43	123	
Benzo(g,h,i)perylene	1100	0	900	ug/Kg	82				24	125	
1,2,4,5-Tetrachlorobenzene	1100	0	1000	ug/Kg	91				52	134	
1,4-Dioxane	1100	0	870	ug/Kg	79				46	112	
2,3,4,6-Tetrachlorophenol	1100	0	990	ug/Kg	90				24	146	