

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: Q2458

Analytical Method: SW8270E

Client: CDM Smith

DataFile: BF142970.D

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Low	Limits High	RPD
Lab Sample ID: Q2458-04MS		Client Sample ID: TP-67MS									
Benzaldehyde	1900	0	1100	ug/Kg	58				10	171	
Phenol	1900	0	1700	ug/Kg	89				51	122	
bis(2-Chloroethyl)ether	1900	0	1700	ug/Kg	89				54	125	
2-Chlorophenol	1900	0	1700	ug/Kg	89				51	121	
2-Methylphenol	1900	0	1700	ug/Kg	89				47	125	
2,2-oxybis(1-Chloropropane)	1900	0	1600	ug/Kg	84				46	119	
Acetophenone	1900	0	1800	ug/Kg	95				55	128	
3+4-Methylphenols	1900	0	1800	ug/Kg	95				49	125	
N-Nitroso-di-n-propylamine	1900	0	1700	ug/Kg	89				59	119	
Hexachloroethane	1900	0	1700	ug/Kg	89				51	116	
Nitrobenzene	1900	0	1700	ug/Kg	89				47	124	
Isophorone	1900	0	1700	ug/Kg	89				49	127	
2-Nitrophenol	1900	0	1800	ug/Kg	95				43	131	
2,4-Dimethylphenol	1900	0	1800	ug/Kg	95				63	151	
bis(2-Chloroethoxy)methane	1900	0	1700	ug/Kg	89				51	119	
2,4-Dichlorophenol	1900	0	1800	ug/Kg	95				50	122	
Naphthalene	1900	0	1700	ug/Kg	89				51	121	
4-Chloroaniline	1900	0	670	ug/Kg	35				10	100	
Hexachlorobutadiene	1900	0	1800	ug/Kg	95				44	126	
Caprolactam	1900	0	2000	ug/Kg	105				51	134	
4-Chloro-3-methylphenol	1900	0	1800	ug/Kg	95				57	132	
2-Methylnaphthalene	1900	0	1700	ug/Kg	89				59	123	
Hexachlorocyclopentadiene	3700	0	3300	ug/Kg	89				10	175	
2,4,6-Trichlorophenol	1900	0	1800	ug/Kg	95				33	141	
2,4,5-Trichlorophenol	1900	0	1700	ug/Kg	89				38	135	
1,1-Biphenyl	1900	0	1700	ug/Kg	89				55	131	
2-Chloronaphthalene	1900	0	1700	ug/Kg	89				48	124	
2-Nitroaniline	1900	0	1800	ug/Kg	95				47	134	
Dimethylphthalate	1900	0	1800	ug/Kg	95				54	120	
Acenaphthylene	1900	0	1700	ug/Kg	89				57	125	
2,6-Dinitrotoluene	1900	0	1900	ug/Kg	100				48	127	
3-Nitroaniline	1900	0	1000	ug/Kg	53				10	112	
Acenaphthene	1900	0	1900	ug/Kg	100				70	121	
2,4-Dinitrophenol	3700	0	3700	ug/Kg	100				10	155	
4-Nitrophenol	3700	0	3700	ug/Kg	100				10	175	
Dibenzofuran	1900	0	1800	ug/Kg	95				52	114	
2,4-Dinitrotoluene	1900	0	1900	ug/Kg	100				41	140	
Diethylphthalate	1900	0	1900	ug/Kg	100				51	119	
4-Chlorophenyl-phenylether	1900	0	1800	ug/Kg	95				48	122	
Fluorene	1900	0	1800	ug/Kg	95				53	118	
4-Nitroaniline	1900	0	1900	ug/Kg	100				29	140	
4,6-Dinitro-2-methylphenol	1900	0	1800	ug/Kg	95				10	160	
N-Nitrosodiphenylamine	1900	0	1800	ug/Kg	95				73	118	
4-Bromophenyl-phenylether	1900	0	1800	ug/Kg	95				65	121	
Hexachlorobenzene	1900	0	1800	ug/Kg	95				67	118	
Atrazine	1900	0	2100	ug/Kg	111				45	175	

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Pentachlorophenol	3700	0	3400	ug/Kg	92				13	153	
Phenanthrene	1900	0	1800	ug/Kg	95				52	128	
Anthracene	1900	0	1800	ug/Kg	95				62	124	
Carbazole	1900	0	1800	ug/Kg	95				59	119	
Di-n-butylphthalate	1900	0	2100	ug/Kg	111				55	125	
Fluoranthene	1900	0	1800	ug/Kg	95				44	125	
Pyrene	1900	0	1700	ug/Kg	89				37	122	
Butylbenzylphthalate	1900	0	2100	ug/Kg	111				44	135	
3,3-Dichlorobenzidine	1900	0	620	ug/Kg	33				15	112	
Benzo(a)anthracene	1900	0	1800	ug/Kg	95				53	119	
Chrysene	1900	0	1800	ug/Kg	95				57	121	
bis(2-Ethylhexyl)phthalate	1900	0	1900	ug/Kg	100				42	169	
Di-n-octyl phthalate	1900	0	1500	ug/Kg	79				51	156	
Benzo(b)fluoranthene	1900	0	1900	ug/Kg	100				52	117	
Benzo(k)fluoranthene	1900	0	1900	ug/Kg	100				57	134	
Benzo(a)pyrene	1900	0	1800	ug/Kg	95				70	142	
Indeno(1,2,3-cd)pyrene	1900	0	1600	ug/Kg	84				40	129	
Dibenz(a,h)anthracene	1900	0	1600	ug/Kg	84				43	123	
Benzo(g,h,i)perylene	1900	0	1600	ug/Kg	84				24	125	
1,2,4,5-Tetrachlorobenzene	1900	0	1800	ug/Kg	95				52	134	
1,4-Dioxane	1900	0	1400	ug/Kg	74				46	112	
2,3,4,6-Tetrachlorophenol	1900	0	1800	ug/Kg	95				24	146	