

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: Q3393

Analytical Method: SW8270E

Client: AECOM

DataFile: BF144021.D

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Low	Limits High	RPD
Lab Sample ID: Q3402-07MS		Client Sample ID: 41-LBMS									
Benzaldehyde	1500	0	840	ug/Kg	56				10	171	
Phenol	1500	0	1500	ug/Kg	100				51	122	
bis(2-Chloroethyl)ether	1500	0	1500	ug/Kg	100				54	125	
2-Chlorophenol	1500	0	1500	ug/Kg	100				51	121	
2-Methylphenol	1500	0	1400	ug/Kg	93				47	125	
2,2-oxybis(1-Chloropropane)	1500	0	1500	ug/Kg	100				46	119	
Acetophenone	1500	0	1600	ug/Kg	107				55	128	
3+4-Methylphenols	1500	0	1400	ug/Kg	93				49	125	
N-Nitroso-di-n-propylamine	1500	0	1400	ug/Kg	93				59	119	
Hexachloroethane	1500	0	1400	ug/Kg	93				51	116	
Nitrobenzene	1500	0	1500	ug/Kg	100				47	124	
Isophorone	1500	0	1400	ug/Kg	93				49	127	
2-Nitrophenol	1500	0	1700	ug/Kg	113				43	131	
2,4-Dimethylphenol	1500	0	1600	ug/Kg	107				63	151	
bis(2-Chloroethoxy)methane	1500	0	1500	ug/Kg	100				51	119	
2,4-Dichlorophenol	1500	0	1400	ug/Kg	93				50	122	
Naphthalene	1500	0	1500	ug/Kg	100				51	121	
4-Chloroaniline	1500	0	550	ug/Kg	37				10	100	
Hexachlorobutadiene	1500	0	1400	ug/Kg	93				44	126	
Caprolactam	1500	0	1500	ug/Kg	100				51	134	
4-Chloro-3-methylphenol	1500	0	1400	ug/Kg	93				57	132	
2-Methylnaphthalene	1500	0	1300	ug/Kg	87				59	123	
Hexachlorocyclopentadiene	3000	0	3200	ug/Kg	107				10	175	
2,4,6-Trichlorophenol	1500	0	1500	ug/Kg	100				33	141	
2,4,5-Trichlorophenol	1500	0	1500	ug/Kg	100				38	135	
1,1-Biphenyl	1500	0	1700	ug/Kg	113				55	131	
2-Chloronaphthalene	1500	0	1600	ug/Kg	107				48	124	
2-Nitroaniline	1500	0	1700	ug/Kg	113				47	134	
Dimethylphthalate	1500	0	1600	ug/Kg	107				54	120	
Acenaphthylene	1500	0	1700	ug/Kg	113				57	125	
2,6-Dinitrotoluene	1500	0	1800	ug/Kg	120				48	127	
3-Nitroaniline	1500	0	1100	ug/Kg	73				10	112	
Acenaphthene	1500	0	1500	ug/Kg	100				70	121	
2,4-Dinitrophenol	3000	0	2300	ug/Kg	77				10	155	
4-Nitrophenol	3000	0	2600	ug/Kg	87				10	175	
Dibenzofuran	1500	0	1500	ug/Kg	100				52	114	
2,4-Dinitrotoluene	1500	0	1700	ug/Kg	113				41	140	
Diethylphthalate	1500	0	1500	ug/Kg	100				51	119	
4-Chlorophenyl-phenylether	1500	0	1400	ug/Kg	93				48	122	
Fluorene	1500	0	1500	ug/Kg	100				53	118	
4-Nitroaniline	1500	0	1400	ug/Kg	93				29	140	
4,6-Dinitro-2-methylphenol	1500	0	1700	ug/Kg	113				10	160	
N-Nitrosodiphenylamine	1500	0	1700	ug/Kg	113				73	118	
4-Bromophenyl-phenylether	1500	0	1500	ug/Kg	100				65	121	
Hexachlorobenzene	1500	0	1500	ug/Kg	100				67	118	
Atrazine	1500	0	1600	ug/Kg	107				45	175	

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Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Low	Limits High	RPD
Pentachlorophenol	3000	0	2500	ug/Kg	83				13	153	
Phenanthrene	1500	0	1600	ug/Kg	107				52	128	
Anthracene	1500	0	1600	ug/Kg	107				62	124	
Carbazole	1500	0	1500	ug/Kg	100				59	119	
Di-n-butylphthalate	1500	0	1600	ug/Kg	107				55	125	
Fluoranthene	1500	63.0	1600	ug/Kg	102				44	125	
Pyrene	1500	0	1200	ug/Kg	80				37	122	
Butylbenzylphthalate	1500	0	1500	ug/Kg	100				44	135	
3,3-Dichlorobenzidine	1500	0	1400	ug/Kg	93				15	112	
Benzo(a)anthracene	1500	0	1600	ug/Kg	107				53	119	
Chrysene	1500	0	1600	ug/Kg	107				57	121	
bis(2-Ethylhexyl)phthalate	1500	0	1800	ug/Kg	120				42	169	
Di-n-octyl phthalate	1500	0	2100	ug/Kg	140				51	156	
Benzo(b)fluoranthene	1500	0	1500	ug/Kg	100				52	117	
Benzo(k)fluoranthene	1500	0	1400	ug/Kg	93				57	134	
Benzo(a)pyrene	1500	0	1600	ug/Kg	107				70	142	
Indeno(1,2,3-cd)pyrene	1500	0	1500	ug/Kg	100				40	129	
Dibenz(a,h)anthracene	1500	0	1500	ug/Kg	100				43	123	
Benzo(g,h,i)perylene	1500	0	1400	ug/Kg	93				24	125	
1,2,4,5-Tetrachlorobenzene	1500	0	1700	ug/Kg	113				52	134	
1,4-Dioxane	1500	0	1400	ug/Kg	93				46	112	
2,3,4,6-Tetrachlorophenol	1500	0	1400	ug/Kg	93				24	146	