

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: Q3363

Analytical Method: SW8270E

Client: AECOM

DataFile: BG064539.D

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Low	Limits High	RPD
Lab Sample ID: Q3363-05MS		Client Sample ID: COMP01-20251015MS									
Benzaldehyde	3000	0	1200	ug/Kg	40				10	171	
Phenol	3000	0	2800	ug/Kg	93				51	122	
bis(2-Chloroethyl)ether	3000	0	2600	ug/Kg	87				54	125	
2-Chlorophenol	3000	0	2800	ug/Kg	93				51	121	
2-Methylphenol	3000	0	2800	ug/Kg	93				47	125	
2,2-oxybis(1-Chloropropane)	3000	0	2400	ug/Kg	80				46	119	
Acetophenone	3000	0	3100	ug/Kg	103				55	128	
3+4-Methylphenols	3000	0	2600	ug/Kg	87				49	125	
N-Nitroso-di-n-propylamine	3000	0	2500	ug/Kg	83				59	119	
Hexachloroethane	3000	0	2700	ug/Kg	90				51	116	
Nitrobenzene	3000	0	2700	ug/Kg	90				47	124	
Isophorone	3000	0	2600	ug/Kg	87				49	127	
2-Nitrophenol	3000	0	2800	ug/Kg	93				43	131	
2,4-Dimethylphenol	3000	0	3000	ug/Kg	100				63	151	
bis(2-Chloroethoxy)methane	3000	0	2700	ug/Kg	90				51	119	
2,4-Dichlorophenol	3000	0	2900	ug/Kg	97				50	122	
Naphthalene	3000	0	2900	ug/Kg	97				51	121	
4-Chloroaniline	3000	0	1200	ug/Kg	40				10	100	
Hexachlorobutadiene	3000	0	3000	ug/Kg	100				44	126	
Caprolactam	3000	0	2400	ug/Kg	80				51	134	
4-Chloro-3-methylphenol	3000	0	2800	ug/Kg	93				57	132	
2-Methylnaphthalene	3000	0	2500	ug/Kg	83				59	123	
Hexachlorocyclopentadiene	6000	0	7700	ug/Kg	128				10	175	
2,4,6-Trichlorophenol	3000	0	2900	ug/Kg	97				33	141	
2,4,5-Trichlorophenol	3000	0	2900	ug/Kg	97				38	135	
1,1-Biphenyl	3000	0	3100	ug/Kg	103				55	131	
2-Chloronaphthalene	3000	0	2800	ug/Kg	93				48	124	
2-Nitroaniline	3000	0	2700	ug/Kg	90				47	134	
Dimethylphthalate	3000	0	2600	ug/Kg	87				54	120	
Acenaphthylene	3000	0	3200	ug/Kg	107				57	125	
2,6-Dinitrotoluene	3000	0	2800	ug/Kg	93				48	127	
3-Nitroaniline	3000	0	1900	ug/Kg	63				10	112	
Acenaphthene	3000	0	2700	ug/Kg	90				70	121	
2,4-Dinitrophenol	6000	0	4900	ug/Kg	82				10	155	
4-Nitrophenol	6000	0	5700	ug/Kg	95				10	175	
Dibenzofuran	3000	0	2700	ug/Kg	90				52	114	
2,4-Dinitrotoluene	3000	0	2800	ug/Kg	93				41	140	
Diethylphthalate	3000	0	2600	ug/Kg	87				51	119	
4-Chlorophenyl-phenylether	3000	0	2700	ug/Kg	90				48	122	
Fluorene	3000	0	2800	ug/Kg	93				53	118	
4-Nitroaniline	3000	0	2800	ug/Kg	93				29	140	
4,6-Dinitro-2-methylphenol	3000	0	2900	ug/Kg	97				10	160	
N-Nitrosodiphenylamine	3000	0	2900	ug/Kg	97				73	118	
4-Bromophenyl-phenylether	3000	0	2900	ug/Kg	97				65	121	
Hexachlorobenzene	3000	0	2900	ug/Kg	97				67	118	
Atrazine	3000	0	3000	ug/Kg	100				45	175	

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Pentachlorophenol	6000	0	6300	ug/Kg	105				13	153	
Phenanthrene	3000	0	2900	ug/Kg	97				52	128	
Anthracene	3000	0	2900	ug/Kg	97				62	124	
Carbazole	3000	0	3000	ug/Kg	100				59	119	
Di-n-butylphthalate	3000	0	2900	ug/Kg	97				55	125	
Fluoranthene	3000	230	3100	ug/Kg	96				44	125	
Pyrene	3000	220	2700	ug/Kg	83				37	122	
Butylbenzylphthalate	3000	0	2800	ug/Kg	93				44	135	
3,3-Dichlorobenzidine	3000	0	1400	ug/Kg	47				15	112	
Benzo(a)anthracene	3000	160	2900	ug/Kg	91				53	119	
Chrysene	3000	150	2900	ug/Kg	92				57	121	
bis(2-Ethylhexyl)phthalate	3000	0	2900	ug/Kg	97				42	169	
Di-n-octyl phthalate	3000	0	2900	ug/Kg	97				51	156	
Benzo(b)fluoranthene	3000	200	3000	ug/Kg	93				52	117	
Benzo(k)fluoranthene	3000	0	2800	ug/Kg	93				57	134	
Benzo(a)pyrene	3000	220	3100	ug/Kg	96				70	142	
Indeno(1,2,3-cd)pyrene	3000	0	3000	ug/Kg	100				40	129	
Dibenz(a,h)anthracene	3000	0	2900	ug/Kg	97				43	123	
Benzo(g,h,i)perylene	3000	170	3100	ug/Kg	98				24	125	
1,2,4,5-Tetrachlorobenzene	3000	0	3200	ug/Kg	107				52	134	
1,4-Dioxane	3000	0	2100	ug/Kg	70				46	112	
2,3,4,6-Tetrachlorophenol	3000	0	2900	ug/Kg	97				24	146	