

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: Q3393

Analytical Method: SW8270E

Client: AECOM

DataFile: BF144022.D

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Low	Limits High	RPD
Lab Sample ID:	Q3402-07MSD	Client Sample ID:	41-LBMSD								
Benzaldehyde	1500	0	850	ug/Kg	57		2		10	171	20
Phenol	1500	0	1500	ug/Kg	100		0		51	122	20
bis(2-Chloroethyl)ether	1500	0	1500	ug/Kg	100		0		54	125	20
2-Chlorophenol	1500	0	1500	ug/Kg	100		0		51	121	20
2-Methylphenol	1500	0	1400	ug/Kg	93		0		47	125	20
2,2-oxybis(1-Chloropropane)	1500	0	1400	ug/Kg	93		7		46	119	20
Acetophenone	1500	0	1600	ug/Kg	107		0		55	128	20
3+4-Methylphenols	1500	0	1400	ug/Kg	93		0		49	125	20
N-Nitroso-di-n-propylamine	1500	0	1400	ug/Kg	93		0		59	119	20
Hexachloroethane	1500	0	1500	ug/Kg	100		7		51	116	20
Nitrobenzene	1500	0	1600	ug/Kg	107		7		47	124	20
Isophorone	1500	0	1400	ug/Kg	93		0		49	127	20
2-Nitrophenol	1500	0	1700	ug/Kg	113		0		43	131	20
2,4-Dimethylphenol	1500	0	1600	ug/Kg	107		0		63	151	20
bis(2-Chloroethoxy)methane	1500	0	1500	ug/Kg	100		0		51	119	20
2,4-Dichlorophenol	1500	0	1400	ug/Kg	93		0		50	122	20
Naphthalene	1500	0	1400	ug/Kg	93		7		51	121	20
4-Chloroaniline	1500	0	580	ug/Kg	39		5		10	100	20
Hexachlorobutadiene	1500	0	1400	ug/Kg	93		0		44	126	20
Caprolactam	1500	0	1500	ug/Kg	100		0		51	134	20
4-Chloro-3-methylphenol	1500	0	1400	ug/Kg	93		0		57	132	20
2-Methylnaphthalene	1500	0	1300	ug/Kg	87		0		59	123	20
Hexachlorocyclopentadiene	3000	0	3100	ug/Kg	103		4		10	175	20
2,4,6-Trichlorophenol	1500	0	1500	ug/Kg	100		0		33	141	20
2,4,5-Trichlorophenol	1500	0	1500	ug/Kg	100		0		38	135	20
1,1-Biphenyl	1500	0	1600	ug/Kg	107		5		55	131	20
2-Chloronaphthalene	1500	0	1500	ug/Kg	100		7		48	124	20
2-Nitroaniline	1500	0	1600	ug/Kg	107		5		47	134	20
Dimethylphthalate	1500	0	1500	ug/Kg	100		7		54	120	20
Acenaphthylene	1500	0	1700	ug/Kg	113		0		57	125	20
2,6-Dinitrotoluene	1500	0	1700	ug/Kg	113		6		48	127	20
3-Nitroaniline	1500	0	1100	ug/Kg	73		0		10	112	20
Acenaphthene	1500	0	1500	ug/Kg	100		0		70	121	20
2,4-Dinitrophenol	3000	0	2400	ug/Kg	80		4		10	155	20
4-Nitrophenol	3000	0	2500	ug/Kg	83		5		10	175	20
Dibenzofuran	1500	0	1400	ug/Kg	93		7		52	114	20
2,4-Dinitrotoluene	1500	0	1600	ug/Kg	107		5		41	140	20
Diethylphthalate	1500	0	1400	ug/Kg	93		7		51	119	20
4-Chlorophenyl-phenylether	1500	0	1400	ug/Kg	93		0		48	122	20
Fluorene	1500	0	1400	ug/Kg	93		7		53	118	20
4-Nitroaniline	1500	0	1400	ug/Kg	93		0		29	140	20
4,6-Dinitro-2-methylphenol	1500	0	1800	ug/Kg	120		6		10	160	20
N-Nitrosodiphenylamine	1500	0	1700	ug/Kg	113		0		73	118	20
4-Bromophenyl-phenylether	1500	0	1500	ug/Kg	100		0		65	121	20
Hexachlorobenzene	1500	0	1400	ug/Kg	93		7		67	118	20
Atrazine	1500	0	1600	ug/Kg	107		0		45	175	20

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Pentachlorophenol	3000	0	2600	ug/Kg	87		5		13	153	20
Phenanthrene	1500	0	1500	ug/Kg	100		7		52	128	20
Anthracene	1500	0	1500	ug/Kg	100		7		62	124	20
Carbazole	1500	0	1500	ug/Kg	100		0		59	119	20
Di-n-butylphthalate	1500	0	1600	ug/Kg	107		0		55	125	20
Fluoranthene	1500	63.0	1500	ug/Kg	96		6		44	125	20
Pyrene	1500	0	1200	ug/Kg	80		0		37	122	20
Butylbenzylphthalate	1500	0	1500	ug/Kg	100		0		44	135	20
3,3-Dichlorobenzidine	1500	0	1400	ug/Kg	93		0		15	112	20
Benzo(a)anthracene	1500	0	1600	ug/Kg	107		0		53	119	20
Chrysene	1500	0	1600	ug/Kg	107		0		57	121	20
bis(2-Ethylhexyl)phthalate	1500	0	1700	ug/Kg	113		6		42	169	20
Di-n-octyl phthalate	1500	0	2000	ug/Kg	133		5		51	156	20
Benzo(b)fluoranthene	1500	0	1500	ug/Kg	100		0		52	117	20
Benzo(k)fluoranthene	1500	0	1400	ug/Kg	93		0		57	134	20
Benzo(a)pyrene	1500	0	1600	ug/Kg	107		0		70	142	20
Indeno(1,2,3-cd)pyrene	1500	0	1500	ug/Kg	100		0		40	129	20
Dibenz(a,h)anthracene	1500	0	1500	ug/Kg	100		0		43	123	20
Benzo(g,h,i)perylene	1500	0	1400	ug/Kg	93		0		24	125	20
1,2,4,5-Tetrachlorobenzene	1500	0	1700	ug/Kg	113		0		52	134	20
1,4-Dioxane	1500	0	1300	ug/Kg	87		7		46	112	20
2,3,4,6-Tetrachlorophenol	1500	0	1400	ug/Kg	93		0		24	146	20