

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: Q3323

Analytical Method: SW8270E

Client: Langan Engineering and Environmental

DataFile: BF143935.D

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Low	Limits High	RPD
Lab Sample ID: Q3323-04MS		Client Sample ID: SED-04-0-2MS									
Benzaldehyde	2400	0	1400	ug/Kg	58				10	171	
Phenol	2400	0	2200	ug/Kg	92				51	122	
bis(2-Chloroethyl)ether	2400	0	2300	ug/Kg	96				54	125	
2-Chlorophenol	2400	0	2300	ug/Kg	96				51	121	
2-Methylphenol	2400	0	2300	ug/Kg	96				47	125	
2,2-oxybis(1-Chloropropane)	2400	0	2300	ug/Kg	96				46	119	
Acetophenone	2400	0	2400	ug/Kg	100				55	128	
3+4-Methylphenols	2400	0	2200	ug/Kg	92				49	125	
N-Nitroso-di-n-propylamine	2400	0	2100	ug/Kg	88				59	119	
Hexachloroethane	2400	0	2300	ug/Kg	96				51	116	
Nitrobenzene	2400	0	2300	ug/Kg	96				47	124	
Isophorone	2400	0	2200	ug/Kg	92				49	127	
2-Nitrophenol	2400	0	2600	ug/Kg	108				43	131	
2,4-Dimethylphenol	2400	0	2500	ug/Kg	104				63	151	
bis(2-Chloroethoxy)methane	2400	0	2200	ug/Kg	92				51	119	
2,4-Dichlorophenol	2400	0	2200	ug/Kg	92				50	122	
Naphthalene	2400	0	2200	ug/Kg	92				51	121	
4-Chloroaniline	2400	0	1100	ug/Kg	46				10	100	
Hexachlorobutadiene	2400	0	2200	ug/Kg	92				44	126	
Caprolactam	2400	0	2300	ug/Kg	96				51	134	
4-Chloro-3-methylphenol	2400	0	2200	ug/Kg	92				57	132	
2-Methylnaphthalene	2400	0	1900	ug/Kg	79				59	123	
Hexachlorocyclopentadiene	4700	0	5400	ug/Kg	115				10	175	
2,4,6-Trichlorophenol	2400	0	2200	ug/Kg	92				33	141	
2,4,5-Trichlorophenol	2400	0	2300	ug/Kg	96				38	135	
1,1-Biphenyl	2400	0	2500	ug/Kg	104				55	131	
2-Chloronaphthalene	2400	0	2200	ug/Kg	92				48	124	
2-Nitroaniline	2400	0	2500	ug/Kg	104				47	134	
Dimethylphthalate	2400	0	2200	ug/Kg	92				54	120	
Acenaphthylene	2400	0	2500	ug/Kg	104				57	125	
2,6-Dinitrotoluene	2400	0	2700	ug/Kg	113				48	127	
3-Nitroaniline	2400	0	1600	ug/Kg	67				10	112	
Acenaphthene	2400	0	2300	ug/Kg	96				70	121	
2,4-Dinitrophenol	4700	0	3900	ug/Kg	83				10	155	
4-Nitrophenol	4700	0	4300	ug/Kg	91				10	175	
Dibenzofuran	2400	0	2200	ug/Kg	92				52	114	
2,4-Dinitrotoluene	2400	0	2500	ug/Kg	104				41	140	
Diethylphthalate	2400	0	2200	ug/Kg	92				51	119	
4-Chlorophenyl-phenylether	2400	0	2100	ug/Kg	88				48	122	
Fluorene	2400	0	2100	ug/Kg	88				53	118	
4-Nitroaniline	2400	0	2200	ug/Kg	92				29	140	
4,6-Dinitro-2-methylphenol	2400	0	2600	ug/Kg	108				10	160	
N-Nitrosodiphenylamine	2400	0	2400	ug/Kg	100				73	118	
4-Bromophenyl-phenylether	2400	0	2300	ug/Kg	96				65	121	
Hexachlorobenzene	2400	0	2200	ug/Kg	92				67	118	
Atrazine	2400	0	2400	ug/Kg	100				45	175	

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Pentachlorophenol	4700	0	4300	ug/Kg	91				13	153	
Phenanthrene	2400	0	2200	ug/Kg	92				52	128	
Anthracene	2400	0	2200	ug/Kg	92				62	124	
Carbazole	2400	0	2200	ug/Kg	92				59	119	
Di-n-butylphthalate	2400	0	2300	ug/Kg	96				55	125	
Fluoranthene	2400	110	2100	ug/Kg	83				44	125	
Pyrene	2400	110	2000	ug/Kg	79				37	122	
Butylbenzylphthalate	2400	0	2300	ug/Kg	96				44	135	
3,3-Dichlorobenzidine	2400	0	1700	ug/Kg	71				15	112	
Benzo(a)anthracene	2400	100	2500	ug/Kg	100				53	119	
Chrysene	2400	0	2300	ug/Kg	96				57	121	
bis(2-Ethylhexyl)phthalate	2400	0	2600	ug/Kg	108				42	169	
Di-n-octyl phthalate	2400	0	3100	ug/Kg	129				51	156	
Benzo(b)fluoranthene	2400	0	2100	ug/Kg	88				52	117	
Benzo(k)fluoranthene	2400	0	2200	ug/Kg	92				57	134	
Benzo(a)pyrene	2400	0	2400	ug/Kg	100				70	142	
Indeno(1,2,3-cd)pyrene	2400	0	2400	ug/Kg	100				40	129	
Dibenz(a,h)anthracene	2400	0	2400	ug/Kg	100				43	123	
Benzo(g,h,i)perylene	2400	0	2400	ug/Kg	100				24	125	
1,2,4,5-Tetrachlorobenzene	2400	0	2400	ug/Kg	100				52	134	
1,4-Dioxane	2400	0	2200	ug/Kg	92				46	112	
2,3,4,6-Tetrachlorophenol	2400	0	2200	ug/Kg	92				24	146	