

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: Q2473

Analytical Method: SW8270E

Client: JPCL Engineering

DataFile: BF142982.D

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Low	Limits High	RPD
Lab Sample ID: Q2475-01MS		Client Sample ID: SOIL-PILEMS									
Benzaldehyde	1300	0	1300	ug/Kg	100				10	171	
Phenol	1300	0	1100	ug/Kg	85				51	122	
bis(2-Chloroethyl)ether	1300	0	1100	ug/Kg	85				54	125	
2-Chlorophenol	1300	0	1100	ug/Kg	85				51	121	
2-Methylphenol	1300	0	1200	ug/Kg	92				47	125	
2,2-oxybis(1-Chloropropane)	1300	0	1100	ug/Kg	85				46	119	
Acetophenone	1300	0	1200	ug/Kg	92				55	128	
3+4-Methylphenols	1300	0	1200	ug/Kg	92				49	125	
N-Nitroso-di-n-propylamine	1300	0	1100	ug/Kg	85				59	119	
Hexachloroethane	1300	0	1100	ug/Kg	85				51	116	
Nitrobenzene	1300	0	1100	ug/Kg	85				47	124	
Isophorone	1300	0	1200	ug/Kg	92				49	127	
2-Nitrophenol	1300	0	1200	ug/Kg	92				43	131	
2,4-Dimethylphenol	1300	0	1100	ug/Kg	85				63	151	
bis(2-Chloroethoxy)methane	1300	0	1200	ug/Kg	92				51	119	
2,4-Dichlorophenol	1300	0	1200	ug/Kg	92				50	122	
Naphthalene	1300	0	1200	ug/Kg	92				51	121	
4-Chloroaniline	1300	0	590	ug/Kg	45				10	100	
Hexachlorobutadiene	1300	0	1200	ug/Kg	92				44	126	
Caprolactam	1300	0	1400	ug/Kg	108				51	134	
4-Chloro-3-methylphenol	1300	0	1200	ug/Kg	92				57	132	
2-Methylnaphthalene	1300	0	1200	ug/Kg	92				59	123	
Hexachlorocyclopentadiene	2500	0	1600	ug/Kg	64				10	175	
2,4,6-Trichlorophenol	1300	0	1200	ug/Kg	92				33	141	
2,4,5-Trichlorophenol	1300	0	1200	ug/Kg	92				38	135	
1,1-Biphenyl	1300	0	1200	ug/Kg	92				55	131	
2-Chloronaphthalene	1300	0	1200	ug/Kg	92				48	124	
2-Nitroaniline	1300	0	1200	ug/Kg	92				47	134	
Dimethylphthalate	1300	0	1300	ug/Kg	100				54	120	
Acenaphthylene	1300	0	1200	ug/Kg	92				57	125	
2,6-Dinitrotoluene	1300	0	1200	ug/Kg	92				48	127	
3-Nitroaniline	1300	0	780	ug/Kg	60				10	112	
Acenaphthene	1300	0	1300	ug/Kg	100				70	121	
2,4-Dinitrophenol	2500	0	2200	ug/Kg	88				10	155	
4-Nitrophenol	2500	0	2100	ug/Kg	84				10	175	
Dibenzofuran	1300	0	1200	ug/Kg	92				52	114	
2,4-Dinitrotoluene	1300	0	1200	ug/Kg	92				41	140	
Diethylphthalate	1300	0	1300	ug/Kg	100				51	119	
4-Chlorophenyl-phenylether	1300	0	1200	ug/Kg	92				48	122	
Fluorene	1300	70.1	1200	ug/Kg	87				53	118	
4-Nitroaniline	1300	0	1200	ug/Kg	92				29	140	
4,6-Dinitro-2-methylphenol	1300	0	1200	ug/Kg	92				10	160	
N-Nitrosodiphenylamine	1300	0	1300	ug/Kg	100				73	118	
4-Bromophenyl-phenylether	1300	0	1300	ug/Kg	100				65	121	
Hexachlorobenzene	1300	0	1200	ug/Kg	92				67	118	
Atrazine	1300	0	1500	ug/Kg	115				45	175	

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Pentachlorophenol	2500	0	2300	ug/Kg	92				13	153	
Phenanthrene	1300	420	1500	ug/Kg	83				52	128	
Anthracene	1300	64.9	1200	ug/Kg	87				62	124	
Carbazole	1300	56.1	1200	ug/Kg	88				59	119	
Di-n-butylphthalate	1300	0	1500	ug/Kg	115				55	125	
Fluoranthene	1300	1200	2100	ug/Kg	69				44	125	
Pyrene	1300	680	1400	ug/Kg	55				37	122	
Butylbenzylphthalate	1300	0	1300	ug/Kg	100				44	135	
3,3-Dichlorobenzidine	1300	0	740	ug/Kg	57				15	112	
Benzo(a)anthracene	1300	390	1500	ug/Kg	85				53	119	
Chrysene	1300	500	1600	ug/Kg	85				57	121	
bis(2-Ethylhexyl)phthalate	1300	0	1300	ug/Kg	100				42	169	
Di-n-octyl phthalate	1300	0	1100	ug/Kg	85				51	156	
Benzo(b)fluoranthene	1300	660	1800	ug/Kg	88				52	117	
Benzo(k)fluoranthene	1300	210	1600	ug/Kg	107				57	134	
Benzo(a)pyrene	1300	310	1500	ug/Kg	92				70	142	
Indeno(1,2,3-cd)pyrene	1300	100	890	ug/Kg	61				40	129	
Dibenz(a,h)anthracene	1300	0	840	ug/Kg	65				43	123	
Benzo(g,h,i)perylene	1300	120	850	ug/Kg	56				24	125	
1,2,4,5-Tetrachlorobenzene	1300	0	1200	ug/Kg	92				52	134	
1,4-Dioxane	1300	0	890	ug/Kg	68				46	112	
2,3,4,6-Tetrachlorophenol	1300	0	1100	ug/Kg	85				24	146	