

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: Q2820

Analytical Method: SW8270E

Client: First Environment, Inc.

DataFile: BP025415.D

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Low	Limits High	RPD
Lab Sample ID:	Q2820-17MS	Client Sample ID:	88H-EMS								
Benzaldehyde	2000	0	1100	ug/Kg	55				10	161	
Phenol	2000	0	1800	ug/Kg	90				34	121	
bis(2-Chloroethyl)ether	2000	0	1700	ug/Kg	85				31	120	
2-Chlorophenol	2000	0	1800	ug/Kg	90				34	121	
2-Methylphenol	2000	0	1800	ug/Kg	90				32	122	
2,2-oxybis(1-Chloropropane)	2000	0	1700	ug/Kg	85				33	131	
Acetophenone	2000	0	1700	ug/Kg	85				33	115	
3+4-Methylphenols	2000	0	1800	ug/Kg	90				34	119	
N-Nitroso-di-n-propylamine	2000	0	1600	ug/Kg	80				36	120	
Hexachloroethane	2000	0	1700	ug/Kg	85				28	117	
Nitrobenzene	2000	0	1700	ug/Kg	85				34	122	
Isophorone	2000	0	1700	ug/Kg	85				30	122	
2-Nitrophenol	2000	0	1800	ug/Kg	90				36	123	
2,4-Dimethylphenol	2000	0	1900	ug/Kg	95				30	127	
bis(2-Chloroethoxy)methane	2000	0	1700	ug/Kg	85				36	121	
2,4-Dichlorophenol	2000	0	1900	ug/Kg	95				40	122	
Naphthalene	2000	0	1700	ug/Kg	85				35	123	
4-Chloroaniline	2000	0	930	ug/Kg	47				17	106	
Hexachlorobutadiene	2000	0	1700	ug/Kg	85				32	123	
Caprolactam	2000	0	1800	ug/Kg	90				46	117	
4-Chloro-3-methylphenol	2000	0	1800	ug/Kg	90				45	122	
2-Methylnaphthalene	2000	0	1700	ug/Kg	85				38	122	
Hexachlorocyclopentadiene	4000	0	3500	ug/Kg	88				43	112	
2,4,6-Trichlorophenol	2000	0	1900	ug/Kg	95				39	126	
2,4,5-Trichlorophenol	2000	0	1900	ug/Kg	95				41	124	
1,1-Biphenyl	2000	0	1800	ug/Kg	90				40	117	
2-Chloronaphthalene	2000	0	1800	ug/Kg	90				41	114	
2-Nitroaniline	2000	0	1900	ug/Kg	95				44	127	
Dimethylphthalate	2000	0	1800	ug/Kg	90				48	124	
Acenaphthylene	2000	0	1800	ug/Kg	90				32	132	
2,6-Dinitrotoluene	2000	0	1800	ug/Kg	90				46	124	
3-Nitroaniline	2000	0	1200	ug/Kg	60				33	119	
Acenaphthene	2000	0	1800	ug/Kg	90				40	123	
2,4-Dinitrophenol	4000	0	3900	ug/Kg	98				15	130	
4-Nitrophenol	4000	0	3800	ug/Kg	95				30	132	
Dibenzofuran	2000	0	1800	ug/Kg	90				44	120	
2,4-Dinitrotoluene	2000	0	1900	ug/Kg	95				48	126	
Diethylphthalate	2000	0	1800	ug/Kg	90				50	124	
4-Chlorophenyl-phenylether	2000	0	1700	ug/Kg	85				45	121	
Fluorene	2000	0	1700	ug/Kg	85				43	125	
4-Nitroaniline	2000	0	1700	ug/Kg	85				35	115	
4,6-Dinitro-2-methylphenol	2000	0	1800	ug/Kg	90				29	132	
N-Nitrosodiphenylamine	2000	0	1800	ug/Kg	90				38	127	
4-Bromophenyl-phenylether	2000	0	1800	ug/Kg	90				46	124	
Hexachlorobenzene	2000	0	1800	ug/Kg	90				45	122	
Atrazine	2000	0	1800	ug/Kg	90				47	127	

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Pentachlorophenol	4000	0	3800	ug/Kg	95				25	133	
Phenanthrene	2000	0	1800	ug/Kg	90				50	121	
Anthracene	2000	0	1800	ug/Kg	90				47	123	
Carbazole	2000	0	1800	ug/Kg	90				50	123	
Di-n-butylphthalate	2000	0	1800	ug/Kg	90				51	128	
Fluoranthene	2000	0	1800	ug/Kg	90				50	127	
Pyrene	2000	0	1700	ug/Kg	85				47	127	
Butylbenzylphthalate	2000	0	1800	ug/Kg	90				48	132	
3,3-Dichlorobenzidine	2000	0	1000	ug/Kg	50				22	121	
Benzo(a)anthracene	2000	0	1800	ug/Kg	90				49	126	
Chrysene	2000	0	1800	ug/Kg	90				50	124	
bis(2-Ethylhexyl)phthalate	2000	0	1800	ug/Kg	90				51	133	
Di-n-octyl phthalate	2000	0	1800	ug/Kg	90				45	140	
Benzo(b)fluoranthene	2000	0	1800	ug/Kg	90				45	132	
Benzo(k)fluoranthene	2000	0	1800	ug/Kg	90				47	132	
Benzo(a)pyrene	2000	0	1800	ug/Kg	90				45	129	
Indeno(1,2,3-cd)pyrene	2000	0	1800	ug/Kg	90				45	133	
Dibenz(a,h)anthracene	2000	0	1800	ug/Kg	90				45	134	
Benzo(g,h,i)perylene	2000	0	1800	ug/Kg	90				43	134	
1,2,4,5-Tetrachlorobenzene	2000	0	1800	ug/Kg	90				37	119	
1,4-Dioxane	2000	0	1400	ug/Kg	70				70	130	
2,3,4,6-Tetrachlorophenol	2000	0	1800	ug/Kg	90				44	125	