

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: Q2820

Analytical Method: SW8270E

Client: First Environment, Inc.

DataFile: BF143367.D

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Low	Limits High	RPD
Lab Sample ID: Q2830-05MS		Client Sample ID: BIN0009-DRIVEWAY-TP-WESTSIDE									
Benzaldehyde	1200	0	820	ug/Kg	68				10	161	
Phenol	1200	0	1000	ug/Kg	83				34	121	
bis(2-Chloroethyl)ether	1200	0	1100	ug/Kg	92				31	120	
2-Chlorophenol	1200	0	1100	ug/Kg	92				34	121	
2-Methylphenol	1200	0	1100	ug/Kg	92				32	122	
2,2-oxybis(1-Chloropropane)	1200	0	1100	ug/Kg	92				33	131	
Acetophenone	1200	0	1100	ug/Kg	92				33	115	
3+4-Methylphenols	1200	0	1000	ug/Kg	83				34	119	
N-Nitroso-di-n-propylamine	1200	0	1100	ug/Kg	92				36	120	
Hexachloroethane	1200	0	1200	ug/Kg	100				28	117	
Nitrobenzene	1200	0	1100	ug/Kg	92				34	122	
Isophorone	1200	0	1100	ug/Kg	92				30	122	
2-Nitrophenol	1200	0	1400	ug/Kg	117				36	123	
2,4-Dimethylphenol	1200	0	1200	ug/Kg	100				30	127	
bis(2-Chloroethoxy)methane	1200	0	1100	ug/Kg	92				36	121	
2,4-Dichlorophenol	1200	0	1200	ug/Kg	100				40	122	
Naphthalene	1200	0	1100	ug/Kg	92				35	123	
4-Chloroaniline	1200	0	600	ug/Kg	50				17	106	
Hexachlorobutadiene	1200	0	1200	ug/Kg	100				32	123	
Caprolactam	1200	0	1200	ug/Kg	100				46	117	
4-Chloro-3-methylphenol	1200	0	1100	ug/Kg	92				45	122	
2-Methylnaphthalene	1200	0	1000	ug/Kg	83				38	122	
Hexachlorocyclopentadiene	2500	0	2800	ug/Kg	112				43	112	
2,4,6-Trichlorophenol	1200	0	1300	ug/Kg	108				39	126	
2,4,5-Trichlorophenol	1200	0	1200	ug/Kg	100				41	124	
1,1-Biphenyl	1200	0	1100	ug/Kg	92				40	117	
2-Chloronaphthalene	1200	0	1100	ug/Kg	92				41	114	
2-Nitroaniline	1200	0	1200	ug/Kg	100				44	127	
Dimethylphthalate	1200	0	1200	ug/Kg	100				48	124	
Acenaphthylene	1200	0	1200	ug/Kg	100				32	132	
2,6-Dinitrotoluene	1200	0	1300	ug/Kg	108				46	124	
3-Nitroaniline	1200	0	820	ug/Kg	68				33	119	
Acenaphthene	1200	0	1200	ug/Kg	100				40	123	
2,4-Dinitrophenol	2500	0	2300	ug/Kg	92				15	130	
4-Nitrophenol	2500	0	1900	ug/Kg	76				30	132	
Dibenzofuran	1200	0	1100	ug/Kg	92				44	120	
2,4-Dinitrotoluene	1200	0	1300	ug/Kg	108				48	126	
Diethylphthalate	1200	0	1200	ug/Kg	100				50	124	
4-Chlorophenyl-phenylether	1200	0	1100	ug/Kg	92				45	121	
Fluorene	1200	0	1100	ug/Kg	92				43	125	
4-Nitroaniline	1200	0	1200	ug/Kg	100				35	115	
4,6-Dinitro-2-methylphenol	1200	0	1500	ug/Kg	125				29	132	
N-Nitrosodiphenylamine	1200	0	1200	ug/Kg	100				38	127	
4-Bromophenyl-phenylether	1200	0	1200	ug/Kg	100				46	124	
Hexachlorobenzene	1200	0	1200	ug/Kg	100				45	122	
Atrazine	1200	0	1400	ug/Kg	117				47	127	

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Pentachlorophenol	2500	0	2300	ug/Kg	92				25	133	
Phenanthrene	1200	0	1100	ug/Kg	92				50	121	
Anthracene	1200	0	1100	ug/Kg	92				47	123	
Carbazole	1200	0	1100	ug/Kg	92				50	123	
Di-n-butylphthalate	1200	0	1600	ug/Kg	133	*			51	128	
Fluoranthene	1200	0	1200	ug/Kg	100				50	127	
Pyrene	1200	0	870	ug/Kg	73				47	127	
Butylbenzylphthalate	1200	0	1800	ug/Kg	150	*			48	132	
3,3-Dichlorobenzidine	1200	0	960	ug/Kg	80				22	121	
Benzo(a)anthracene	1200	0	1100	ug/Kg	92				49	126	
Chrysene	1200	0	1100	ug/Kg	92				50	124	
bis(2-Ethylhexyl)phthalate	1200	120	1800	ug/Kg	140	*			51	133	
Di-n-octyl phthalate	1200	0	1600	ug/Kg	133				45	140	
Benzo(b)fluoranthene	1200	0	1200	ug/Kg	100				45	132	
Benzo(k)fluoranthene	1200	0	1100	ug/Kg	92				47	132	
Benzo(a)pyrene	1200	0	1200	ug/Kg	100				45	129	
Indeno(1,2,3-cd)pyrene	1200	0	1100	ug/Kg	92				45	133	
Dibenz(a,h)anthracene	1200	0	1100	ug/Kg	92				45	134	
Benzo(g,h,i)perylene	1200	0	1100	ug/Kg	92				43	134	
1,2,4,5-Tetrachlorobenzene	1200	0	1100	ug/Kg	92				37	119	
1,4-Dioxane	1200	0	980	ug/Kg	82				70	130	
2,3,4,6-Tetrachlorophenol	1200	0	1400	ug/Kg	117				44	125	