

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: Q2820

Analytical Method: SW8270E

Client: First Environment, Inc.

DataFile: BF143368.D

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Low	Limits High	RPD
Lab Sample ID: Q2830-05MSD		Client Sample ID: BIN0009-DRIVEWAY-TP-WESTSIDE									
Benzaldehyde	1200	0	870	ug/Kg	73		7		10	161	20
Phenol	1200	0	1100	ug/Kg	92		10		34	121	20
bis(2-Chloroethyl)ether	1200	0	1100	ug/Kg	92		0		31	120	20
2-Chlorophenol	1200	0	1200	ug/Kg	100		8		34	121	20
2-Methylphenol	1200	0	1200	ug/Kg	100		8		32	122	20
2,2-oxybis(1-Chloropropane)	1200	0	1100	ug/Kg	92		0		33	131	20
Acetophenone	1200	0	1100	ug/Kg	92		0		33	115	20
3+4-Methylphenols	1200	0	1100	ug/Kg	92		10		34	119	20
N-Nitroso-di-n-propylamine	1200	0	1100	ug/Kg	92		0		36	120	20
Hexachloroethane	1200	0	1200	ug/Kg	100		0		28	117	20
Nitrobenzene	1200	0	1200	ug/Kg	100		8		34	122	20
Isophorone	1200	0	1200	ug/Kg	100		8		30	122	20
2-Nitrophenol	1200	0	1400	ug/Kg	117		0		36	123	20
2,4-Dimethylphenol	1200	0	1300	ug/Kg	108		8		30	127	20
bis(2-Chloroethoxy)methane	1200	0	1200	ug/Kg	100		8		36	121	20
2,4-Dichlorophenol	1200	0	1200	ug/Kg	100		0		40	122	20
Naphthalene	1200	0	1100	ug/Kg	92		0		35	123	20
4-Chloroaniline	1200	0	550	ug/Kg	46		8		17	106	20
Hexachlorobutadiene	1200	0	1100	ug/Kg	92		8		32	123	20
Caprolactam	1200	0	1500	ug/Kg	125	*	22	*	46	117	20
4-Chloro-3-methylphenol	1200	0	1300	ug/Kg	108		16		45	122	20
2-Methylnaphthalene	1200	0	1000	ug/Kg	83		0		38	122	20
Hexachlorocyclopentadiene	2500	0	2700	ug/Kg	108		4		43	112	20
2,4,6-Trichlorophenol	1200	0	1300	ug/Kg	108		0		39	126	20
2,4,5-Trichlorophenol	1200	0	1200	ug/Kg	100		0		41	124	20
1,1-Biphenyl	1200	0	1100	ug/Kg	92		0		40	117	20
2-Chloronaphthalene	1200	0	1100	ug/Kg	92		0		41	114	20
2-Nitroaniline	1200	0	1300	ug/Kg	108		8		44	127	20
Dimethylphthalate	1200	0	1300	ug/Kg	108		8		48	124	20
Acenaphthylene	1200	0	1200	ug/Kg	100		0		32	132	20
2,6-Dinitrotoluene	1200	0	1500	ug/Kg	125	*	15		46	124	20
3-Nitroaniline	1200	0	990	ug/Kg	83		20		33	119	20
Acenaphthene	1200	0	1200	ug/Kg	100		0		40	123	20
2,4-Dinitrophenol	2500	0	2700	ug/Kg	108		16		15	130	20
4-Nitrophenol	2500	0	2400	ug/Kg	96		23	*	30	132	20
Dibenzofuran	1200	0	1100	ug/Kg	92		0		44	120	20
2,4-Dinitrotoluene	1200	0	1500	ug/Kg	125		15		48	126	20
Diethylphthalate	1200	0	1400	ug/Kg	117		16		50	124	20
4-Chlorophenyl-phenylether	1200	0	1200	ug/Kg	100		8		45	121	20
Fluorene	1200	0	1100	ug/Kg	92		0		43	125	20
4-Nitroaniline	1200	0	1500	ug/Kg	125	*	22	*	35	115	20
4,6-Dinitro-2-methylphenol	1200	0	1600	ug/Kg	133	*	6		29	132	20
N-Nitrosodiphenylamine	1200	0	1100	ug/Kg	92		8		38	127	20
4-Bromophenyl-phenylether	1200	0	1200	ug/Kg	100		0		46	124	20
Hexachlorobenzene	1200	0	1100	ug/Kg	92		8		45	122	20
Atrazine	1200	0	1400	ug/Kg	117		0		47	127	20

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Pentachlorophenol	2500	0	2500	ug/Kg	100		8		25	133	20
Phenanthrene	1200	0	1100	ug/Kg	92		0		50	121	20
Anthracene	1200	0	1100	ug/Kg	92		0		47	123	20
Carbazole	1200	0	1100	ug/Kg	92		0		50	123	20
Di-n-butylphthalate	1200	0	1700	ug/Kg	142	*	7		51	128	20
Fluoranthene	1200	0	1300	ug/Kg	108		8		50	127	20
Pyrene	1200	0	1200	ug/Kg	100		31	*	47	127	20
Butylbenzylphthalate	1200	0	2300	ug/Kg	192	*	25	*	48	132	20
3,3-Dichlorobenzidine	1200	0	860	ug/Kg	72		11		22	121	20
Benzo(a)anthracene	1200	0	1100	ug/Kg	92		0		49	126	20
Chrysene	1200	0	1200	ug/Kg	100		8		50	124	20
bis(2-Ethylhexyl)phthalate	1200	120	2000	ug/Kg	157	*	11		51	133	20
Di-n-octyl phthalate	1200	0	1400	ug/Kg	117		13		45	140	20
Benzo(b)fluoranthene	1200	0	1200	ug/Kg	100		0		45	132	20
Benzo(k)fluoranthene	1200	0	1300	ug/Kg	108		16		47	132	20
Benzo(a)pyrene	1200	0	1200	ug/Kg	100		0		45	129	20
Indeno(1,2,3-cd)pyrene	1200	0	1100	ug/Kg	92		0		45	133	20
Dibenz(a,h)anthracene	1200	0	1200	ug/Kg	100		8		45	134	20
Benzo(g,h,i)perylene	1200	0	1100	ug/Kg	92		0		43	134	20
1,2,4,5-Tetrachlorobenzene	1200	0	1100	ug/Kg	92		0		37	119	20
1,4-Dioxane	1200	0	980	ug/Kg	82		0		70	130	20
2,3,4,6-Tetrachlorophenol	1200	0	1600	ug/Kg	133	*	13		44	125	20