

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: Q2820

Analytical Method: SW8270E

Client: First Environment, Inc.

DataFile: BP025517.D

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Low	Limits High	RPD
Lab Sample ID:	Q2819-03MSD	Client Sample ID:	22BP-WMSD								
Benzaldehyde	1900	0	1100	ug/Kg	58	0			10	161	20
Phenol	1900	0	1900	ug/Kg	100	0			34	121	20
bis(2-Chloroethyl)ether	1900	0	1800	ug/Kg	95	0			31	120	20
2-Chlorophenol	1900	0	1900	ug/Kg	100	0			34	121	20
2-Methylphenol	1900	0	1800	ug/Kg	95	5			32	122	20
2,2-oxybis(1-Chloropropane)	1900	0	1800	ug/Kg	95	0			33	131	20
Acetophenone	1900	0	1800	ug/Kg	95	0			33	115	20
3+4-Methylphenols	1900	0	1800	ug/Kg	95	5			34	119	20
N-Nitroso-di-n-propylamine	1900	0	1700	ug/Kg	89	0			36	120	20
Hexachloroethane	1900	0	1900	ug/Kg	100	5			28	117	20
Nitrobenzene	1900	0	1900	ug/Kg	100	5			34	122	20
Isophorone	1900	0	1800	ug/Kg	95	0			30	122	20
2-Nitrophenol	1900	0	1900	ug/Kg	100	0			36	123	20
2,4-Dimethylphenol	1900	0	1800	ug/Kg	95	5			30	127	20
bis(2-Chloroethoxy)methane	1900	0	1800	ug/Kg	95	0			36	121	20
2,4-Dichlorophenol	1900	0	1900	ug/Kg	100	5			40	122	20
Naphthalene	1900	0	1800	ug/Kg	95	0			35	123	20
4-Chloroaniline	1900	0	880	ug/Kg	46	10			17	106	20
Hexachlorobutadiene	1900	0	1900	ug/Kg	100	5			32	123	20
Caprolactam	1900	0	1800	ug/Kg	95	10			46	117	20
4-Chloro-3-methylphenol	1900	0	1900	ug/Kg	100	5			45	122	20
2-Methylnaphthalene	1900	0	1700	ug/Kg	89	7			38	122	20
Hexachlorocyclopentadiene	3900	0	4000	ug/Kg	103	13			43	112	20
2,4,6-Trichlorophenol	1900	0	2000	ug/Kg	105	5			39	126	20
2,4,5-Trichlorophenol	1900	0	2000	ug/Kg	105	0			41	124	20
1,1-Biphenyl	1900	0	1900	ug/Kg	100	5			40	117	20
2-Chloronaphthalene	1900	0	1800	ug/Kg	95	0			41	114	20
2-Nitroaniline	1900	0	2000	ug/Kg	105	0			44	127	20
Dimethylphthalate	1900	0	1800	ug/Kg	95	5			48	124	20
Acenaphthylene	1900	0	1900	ug/Kg	100	5			32	132	20
2,6-Dinitrotoluene	1900	0	1900	ug/Kg	100	5			46	124	20
3-Nitroaniline	1900	0	1200	ug/Kg	63	8			33	119	20
Acenaphthene	1900	0	1800	ug/Kg	95	7			40	123	20
2,4-Dinitrophenol	3900	0	4600	ug/Kg	118	3			15	130	20
4-Nitrophenol	3900	0	4000	ug/Kg	103	3			30	132	20
Dibenzofuran	1900	0	1800	ug/Kg	95	0			44	120	20
2,4-Dinitrotoluene	1900	0	2000	ug/Kg	105	0			48	126	20
Diethylphthalate	1900	0	1900	ug/Kg	100	0			50	124	20
4-Chlorophenyl-phenylether	1900	0	1800	ug/Kg	95	7			45	121	20
Fluorene	1900	0	1800	ug/Kg	95	0			43	125	20
4-Nitroaniline	1900	0	1900	ug/Kg	100	5			35	115	20
4,6-Dinitro-2-methylphenol	1900	0	2000	ug/Kg	105	0			29	132	20
N-Nitrosodiphenylamine	1900	0	1800	ug/Kg	95	0			38	127	20
4-Bromophenyl-phenylether	1900	0	1800	ug/Kg	95	5			46	124	20
Hexachlorobenzene	1900	0	1800	ug/Kg	95	0			45	122	20
Atrazine	1900	0	1900	ug/Kg	100	0			47	127	20

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Pentachlorophenol	3900	0	4000	ug/Kg	103		3		25	133	20
Phenanthrene	1900	0	1800	ug/Kg	95		0		50	121	20
Anthracene	1900	0	1800	ug/Kg	95		0		47	123	20
Carbazole	1900	0	1800	ug/Kg	95		0		50	123	20
Di-n-butylphthalate	1900	0	1900	ug/Kg	100		0		51	128	20
Fluoranthene	1900	0	1800	ug/Kg	95		7		50	127	20
Pyrene	1900	0	1900	ug/Kg	100		10		47	127	20
Butylbenzylphthalate	1900	0	2000	ug/Kg	105		6		48	132	20
3,3-Dichlorobenzidine	1900	0	1300	ug/Kg	68		0		22	121	20
Benzo(a)anthracene	1900	0	1900	ug/Kg	100		5		49	126	20
Chrysene	1900	0	1900	ug/Kg	100		5		50	124	20
bis(2-Ethylhexyl)phthalate	1900	0	2000	ug/Kg	105		5		51	133	20
Di-n-octyl phthalate	1900	0	2000	ug/Kg	105		10		45	140	20
Benzo(b)fluoranthene	1900	0	1900	ug/Kg	100		0		45	132	20
Benzo(k)fluoranthene	1900	0	1900	ug/Kg	100		5		47	132	20
Benzo(a)pyrene	1900	0	1900	ug/Kg	100		5		45	129	20
Indeno(1,2,3-cd)pyrene	1900	0	1900	ug/Kg	100		0		45	133	20
Dibenz(a,h)anthracene	1900	0	1900	ug/Kg	100		0		45	134	20
Benzo(g,h,i)perylene	1900	0	1900	ug/Kg	100		0		43	134	20
1,2,4,5-Tetrachlorobenzene	1900	0	1900	ug/Kg	100		12		37	119	20
1,4-Dioxane	1900	0	1600	ug/Kg	84		6		70	130	20
2,3,4,6-Tetrachlorophenol	1900	0	1900	ug/Kg	100		5		44	125	20