Alliance TECHNICAL GROUP
284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
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Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: Q2819 **Analytical Method:** SW8270E

Client: First Environment, Inc. **DataFile:** BP025520.D

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Limits Low	Limits High	RPD
Lab Sample ID: Q2819-17MS		**Client Sample ID: 38M-NMS**									
Benzaldehyde	1900	0	1000	ug/Kg	53				10	161	
Phenol	1900	0	1700	ug/Kg	89				34	121	
bis(2-Chloroethyl)ether	1900	0	1700	ug/Kg	89				31	120	
2-Chlorophenol	1900	0	1700	ug/Kg	89				34	121	
2-Methylphenol	1900	0	1700	ug/Kg	89				32	122	
2,2-oxybis(1-Chloropropane)	1900	0	1700	ug/Kg	89				33	131	
Acetophenone	1900	0	1700	ug/Kg	89				33	115	
3+4-Methylphenols	1900	0	1700	ug/Kg	89				34	119	
N-Nitroso-di-n-propylamine	1900	0	1600	ug/Kg	84				36	120	
Hexachloroethane	1900	0	1700	ug/Kg	89				28	117	
Nitrobenzene	1900	0	1800	ug/Kg	95				34	122	
Isophorone	1900	0	1700	ug/Kg	89				30	122	
2-Nitrophenol	1900	0	1800	ug/Kg	95				36	123	
2,4-Dimethylphenol	1900	0	1700	ug/Kg	89				30	127	
bis(2-Chloroethoxy)methane	1900	0	1700	ug/Kg	89				36	121	
2,4-Dichlorophenol	1900	0	1800	ug/Kg	95				40	122	
Naphthalene	1900	0	1700	ug/Kg	89				35	123	
4-Chloroaniline	1900	0	1200	ug/Kg	63				17	106	
Hexachlorobutadiene	1900	0	1700	ug/Kg	89				32	123	
Caprolactam	1900	0	1800	ug/Kg	95				46	117	
4-Chloro-3-methylphenol	1900	0	1800	ug/Kg	95				45	122	
2-Methylnaphthalene	1900	0	1600	ug/Kg	84				38	122	
Hexachlorocyclopentadiene	3800	0	3500	ug/Kg	92				43	112	
2,4,6-Trichlorophenol	1900	0	1800	ug/Kg	95				39	126	
2,4,5-Trichlorophenol	1900	0	1900	ug/Kg	100				41	124	
1,1-Biphenyl	1900	0	1700	ug/Kg	89				40	117	
2-Chloronaphthalene	1900	0	1700	ug/Kg	89				41	114	
2-Nitroaniline	1900	0	1900	ug/Kg	100				44	127	
Dimethylphthalate	1900	0	1700	ug/Kg	89				48	124	
Acenaphthylene	1900	0	1800	ug/Kg	95				32	132	
2,6-Dinitrotoluene	1900	0	1900	ug/Kg	100				46	124	
3-Nitroaniline	1900	0	1400	ug/Kg	74				33	119	
Acenaphthene	1900	0	1700	ug/Kg	89				40	123	
2,4-Dinitrophenol	3800	0	4200	ug/Kg	111				15	130	
4-Nitrophenol	3800	0	3900	ug/Kg	103				30	132	
Dibenzofuran	1900	0	1700	ug/Kg	89				44	120	
2,4-Dinitrotoluene	1900	0	1900	ug/Kg	100				48	126	
Diethylphthalate	1900	0	1800	ug/Kg	95				50	124	
4-Chlorophenyl-phenylether	1900	0	1700	ug/Kg	89				45	121	
Fluorene	1900	0	1700	ug/Kg	89				43	125	
4-Nitroaniline	1900	0	1800	ug/Kg	95				35	115	
4,6-Dinitro-2-methylphenol	1900	0	1900	ug/Kg	100				29	132	
N-Nitrosodiphenylamine	1900	0	1700	ug/Kg	89				38	127	
4-Bromophenyl-phenylether	1900	0	1700	ug/Kg	89				46	124	
Hexachlorobenzene	1900	0	1700	ug/Kg	89				45	122	
Atrazine	1900	0	1800	ug/Kg	95				47	127	

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Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Limits Low	Limits High	RPD
Pentachlorophenol	3800	0	3700	ug/Kg	97				25	133	
Phenanthrene	1900	0	1700	ug/Kg	89				50	121	
Anthracene	1900	0	1700	ug/Kg	89				47	123	
Carbazole	1900	0	1800	ug/Kg	95				50	123	
Di-n-butylphthalate	1900	0	1800	ug/Kg	95				51	128	
Fluoranthene	1900	0	1700	ug/Kg	89				50	127	
Pyrene	1900	0	1700	ug/Kg	89				47	127	
Butylbenzylphthalate	1900	0	1800	ug/Kg	95				48	132	
3,3-Dichlorobenzidine	1900	0	1200	ug/Kg	63				22	121	
Benzo(a)anthracene	1900	0	1800	ug/Kg	95				49	126	
Chrysene	1900	0	1800	ug/Kg	95				50	124	
bis(2-Ethylhexyl)phthalate	1900	0	1800	ug/Kg	95				51	133	
Di-n-octyl phthalate	1900	0	1900	ug/Kg	100				45	140	
Benzo(b)fluoranthene	1900	0	1700	ug/Kg	89				45	132	
Benzo(k)fluoranthene	1900	0	1800	ug/Kg	95				47	132	
Benzo(a)pyrene	1900	0	1700	ug/Kg	89				45	129	
Indeno(1,2,3-cd)pyrene	1900	0	1800	ug/Kg	95				45	133	
Dibenz(a,h)anthracene	1900	0	1800	ug/Kg	95				45	134	
Benzo(g,h,i)perylene	1900	0	1800	ug/Kg	95				43	134	
1,2,4,5-Tetrachlorobenzene	1900	0	1700	ug/Kg	89				37	119	
1,4-Dioxane	1900	0	1600	ug/Kg	84				70	130	
2,3,4,6-Tetrachlorophenol	1900	0	1900	ug/Kg	100				44	125	