

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: Q1872

Client: Alliance Technical Group, LLC - Newark

Analytical Method: SW8270E

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Low	Limits High	RPD
Lab Sample ID:	Q1964-01MS	Client Sample ID:	MH-LLMS					DataFile:	BM050146.D		
n-Nitrosodimethylamine	1200	0	1000	ug/Kg	83				66	124	
Pyridine	1200	0	1000	ug/Kg	83				45	119	
Benzaldehyde	1200	0	580	ug/Kg	48				10	86	
Aniline	1200	0	540	ug/Kg	45				10	88	
Phenol	1200	0	1100	ug/Kg	92				67	126	
bis(2-Chloroethyl)ether	1200	0	1000	ug/Kg	83				54	125	
2-Chlorophenol	1200	0	1100	ug/Kg	92				79	107	
1,2-Dichlorobenzene	1200	0	1000	ug/Kg	83				61	105	
1,3-Dichlorobenzene	1200	0	1000	ug/Kg	83				62	101	
1,4-Dichlorobenzene	1200	0	1000	ug/Kg	83				63	104	
Benzyl Alcohol	1200	0	1100	ug/Kg	92				47	126	
2-Methylphenol	1200	0	1100	ug/Kg	92				66	122	
2,2-oxybis(1-Chloropropane)	1200	0	1000	ug/Kg	83				65	110	
Acetophenone	1200	0	1100	ug/Kg	92				75	111	
3+4-Methylphenols	1200	0	1100	ug/Kg	92				66	104	
N-Nitroso-di-n-propylamine	1200	0	1000	ug/Kg	83				59	119	
Hexachloroethane	1200	0	1000	ug/Kg	83				65	117	
Nitrobenzene	1200	0	1100	ug/Kg	92				70	119	
Isophorone	1200	0	1000	ug/Kg	83				76	122	
2-Nitrophenol	1200	0	1100	ug/Kg	92				54	145	
2,4-Dimethylphenol	1200	0	1100	ug/Kg	92				44	135	
bis(2-Chloroethoxy)methane	1200	0	1100	ug/Kg	92				68	112	
2,4-Dichlorophenol	1200	0	1100	ug/Kg	92				72	118	
1,2,4-Trichlorobenzene	1200	0	1100	ug/Kg	92				57	103	
Benzoic acid	1200	0	1200	ug/Kg	100				50	104	
Naphthalene	1200	0	1100	ug/Kg	92				72	110	
4-Chloroaniline	1200	0	360	ug/Kg	30				10	91	
Hexachlorobutadiene	1200	0	1100	ug/Kg	92				66	114	
Caprolactam	1200	0	990	ug/Kg	83				51	134	
4-Chloro-3-methylphenol	1200	0	1000	ug/Kg	83				57	132	
2-Methylnaphthalene	1200	0	1000	ug/Kg	83				59	123	
Hexachlorocyclopentadiene	2500	0	1900	ug/Kg	76				10	175	
2,4,6-Trichlorophenol	1200	0	1100	ug/Kg	92				72	117	
2,4,5-Trichlorophenol	1200	0	1100	ug/Kg	92				72	117	
1,1-Biphenyl	1200	0	1100	ug/Kg	92				75	113	
2-Chloronaphthalene	1200	0	1100	ug/Kg	92				67	118	
2-Nitroaniline	1200	0	1100	ug/Kg	92				69	127	
Dimethylphthalate	1200	0	1000	ug/Kg	83				70	113	
Acenaphthylene	1200	0	1100	ug/Kg	92				79	118	
2,6-Dinitrotoluene	1200	0	1100	ug/Kg	92				70	125	
3-Nitroaniline	1200	0	640	ug/Kg	53				30	99	
Acenaphthene	1200	0	1100	ug/Kg	92				70	121	
2,4-Dinitrophenol	2500	0	2100	ug/Kg	84				10	155	
4-Nitrophenol	2500	0	2000	ug/Kg	80				45	133	
Dibenzofuran	1200	0	1000	ug/Kg	83				72	110	
2,4-Dinitrotoluene	1200	0	1100	ug/Kg	92				55	128	

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Diethylphthalate	1200	0	1000	ug/Kg	83				70	112	
4-Chlorophenyl-phenylether	1200	0	1000	ug/Kg	83				71	108	
Fluorene	1200	0	1000	ug/Kg	83				68	116	
4-Nitroaniline	1200	0	940	ug/Kg	78				55	120	
4,6-Dinitro-2-methylphenol	1200	0	1100	ug/Kg	92				10	160	
N-Nitrosodiphenylamine	1200	0	1100	ug/Kg	92				73	118	
Azobenzene	1200	0	1100	ug/Kg	92				73	110	
4-Bromophenyl-phenylether	1200	0	1100	ug/Kg	92				65	121	
Hexachlorobenzene	1200	0	1100	ug/Kg	92				67	118	
Atrazine	1200	0	1100	ug/Kg	92				79	127	
Pentachlorophenol	2500	0	2400	ug/Kg	96				47	128	
Phenanthrene	1200	0	1100	ug/Kg	92				52	128	
Anthracene	1200	0	1100	ug/Kg	92				62	124	
Carbazole	1200	0	1100	ug/Kg	92				59	119	
Di-n-butylphthalate	1200	0	1100	ug/Kg	92				69	118	
Fluoranthene	1200	0	1100	ug/Kg	92				44	125	
Benzidine	2500	0	790	ug/Kg	32				10	119	
Pyrene	1200	0	1100	ug/Kg	92				26	142	
Butylbenzylphthalate	1200	0	1100	ug/Kg	92				64	126	
3,3-Dichlorobenzidine	1200	0	640	ug/Kg	53				33	116	
Benzo(a)anthracene	1200	0	1100	ug/Kg	92				71	114	
Chrysene	1200	0	1100	ug/Kg	92				57	121	
bis(2-Ethylhexyl)phthalate	1200	0	1000	ug/Kg	83				42	169	
Di-n-octyl phthalate	1200	0	1100	ug/Kg	92				23	175	
Benzo(b)fluoranthene	1200	0	1100	ug/Kg	92				67	121	
Benzo(k)fluoranthene	1200	0	1100	ug/Kg	92				57	134	
Benzo(a)pyrene	1200	0	1100	ug/Kg	92				70	142	
Indeno(1,2,3-cd)pyrene	1200	0	1200	ug/Kg	100				40	129	
Dibenz(a,h)anthracene	1200	0	1200	ug/Kg	100				43	123	
Benzo(g,h,i)perylene	1200	0	1200	ug/Kg	100				24	125	
1,2,4,5-Tetrachlorobenzene	1200	0	1100	ug/Kg	92				69	124	
1,4-Dioxane	1200	0	940	ug/Kg	78				46	112	
2,3,4,6-Tetrachlorophenol	1200	0	1000	ug/Kg	83				69	112	
1-Methylnaphthalene	1200	0	1000	ug/Kg	83				70	130	