

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:	Q1964-01MSD	Client Sample ID:	MH-LLMSD					DataFile:	BM050147.D		
n-Nitrosodimethylamine	1200	0	1000	ug/Kg	83	0			66	124	20
Pyridine	1200	0	980	ug/Kg	82	1			45	119	20
Benzaldehyde	1200	0	570	ug/Kg	48	0			10	86	20
Aniline	1200	0	520	ug/Kg	43	5			10	88	20
Phenol	1200	0	1100	ug/Kg	92	0			67	126	20
bis(2-Chloroethyl)ether	1200	0	1000	ug/Kg	83	0			54	125	20
2-Chlorophenol	1200	0	1100	ug/Kg	92	0			79	107	20
1,2-Dichlorobenzene	1200	0	1000	ug/Kg	83	0			61	105	20
1,3-Dichlorobenzene	1200	0	1000	ug/Kg	83	0			62	101	20
1,4-Dichlorobenzene	1200	0	1000	ug/Kg	83	0			63	104	20
Benzyl Alcohol	1200	0	1000	ug/Kg	83	10			47	126	20
2-Methylphenol	1200	0	1000	ug/Kg	83	10			66	122	20
2,2-oxybis(1-Chloropropane)	1200	0	1000	ug/Kg	83	0			65	110	20
Acetophenone	1200	0	1000	ug/Kg	83	10			75	111	20
3+4-Methylphenols	1200	0	1000	ug/Kg	83	10			66	104	20
N-Nitroso-di-n-propylamine	1200	0	980	ug/Kg	82	1			59	119	20
Hexachloroethane	1200	0	1000	ug/Kg	83	0			65	117	20
Nitrobenzene	1200	0	1000	ug/Kg	83	10			70	119	20
Isophorone	1200	0	990	ug/Kg	83	0			76	122	20
2-Nitrophenol	1200	0	1100	ug/Kg	92	0			54	145	20
2,4-Dimethylphenol	1200	0	1100	ug/Kg	92	0			44	135	20
bis(2-Chloroethoxy)methane	1200	0	1000	ug/Kg	83	10			68	112	20
2,4-Dichlorophenol	1200	0	1100	ug/Kg	92	0			72	118	20
1,2,4-Trichlorobenzene	1200	0	1000	ug/Kg	83	10			57	103	20
Benzoic acid	1200	0	1200	ug/Kg	100	0			50	104	20
Naphthalene	1200	0	1000	ug/Kg	83	10			72	110	20
4-Chloroaniline	1200	0	390	ug/Kg	33	10			10	91	20
Hexachlorobutadiene	1200	0	1000	ug/Kg	83	10			66	114	20
Caprolactam	1200	0	980	ug/Kg	82	1			51	134	20
4-Chloro-3-methylphenol	1200	0	1000	ug/Kg	83	0			57	132	20
2-Methylnaphthalene	1200	0	1000	ug/Kg	83	0			59	123	20
Hexachlorocyclopentadiene	2500	0	1700	ug/Kg	68	11			10	175	20
2,4,6-Trichlorophenol	1200	0	1100	ug/Kg	92	0			72	117	20
2,4,5-Trichlorophenol	1200	0	1100	ug/Kg	92	0			72	117	20
1,1-Biphenyl	1200	0	1000	ug/Kg	83	10			75	113	20
2-Chloronaphthalene	1200	0	1100	ug/Kg	92	0			67	118	20
2-Nitroaniline	1200	0	1100	ug/Kg	92	0			69	127	20
Dimethylphthalate	1200	0	1000	ug/Kg	83	0			70	113	20
Acenaphthylene	1200	0	1000	ug/Kg	83	10			79	118	20
2,6-Dinitrotoluene	1200	0	1100	ug/Kg	92	0			70	125	20
3-Nitroaniline	1200	0	630	ug/Kg	52	2			30	99	20
Acenaphthene	1200	0	1000	ug/Kg	83	10			70	121	20
2,4-Dinitrophenol	2500	0	2000	ug/Kg	80	5			10	155	20
4-Nitrophenol	2500	0	2100	ug/Kg	84	5			45	133	20
Dibenzofuran	1200	0	1000	ug/Kg	83	0			72	110	20
2,4-Dinitrotoluene	1200	0	1100	ug/Kg	92	0			55	128	20

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Diethylphthalate	1200	0	990	ug/Kg	83		0		70	112	20
4-Chlorophenyl-phenylether	1200	0	1000	ug/Kg	83		0		71	108	20
Fluorene	1200	0	1000	ug/Kg	83		0		68	116	20
4-Nitroaniline	1200	0	950	ug/Kg	79		1		55	120	20
4,6-Dinitro-2-methylphenol	1200	0	1000	ug/Kg	83		10		10	160	20
N-Nitrosodiphenylamine	1200	0	1100	ug/Kg	92		0		73	118	20
Azobenzene	1200	0	1000	ug/Kg	83		10		73	110	20
4-Bromophenyl-phenylether	1200	0	1000	ug/Kg	83		10		65	121	20
Hexachlorobenzene	1200	0	1100	ug/Kg	92		0		67	118	20
Atrazine	1200	0	1100	ug/Kg	92		0		79	127	20
Pentachlorophenol	2500	0	2400	ug/Kg	96		0		47	128	20
Phenanthrene	1200	0	1100	ug/Kg	92		0		52	128	20
Anthracene	1200	0	1000	ug/Kg	83		10		62	124	20
Carbazole	1200	0	1100	ug/Kg	92		0		59	119	20
Di-n-butylphthalate	1200	0	1000	ug/Kg	83		10		69	118	20
Fluoranthene	1200	0	1100	ug/Kg	92		0		44	125	20
Benzidine	2500	0	790	ug/Kg	32		0		10	119	20
Pyrene	1200	0	1000	ug/Kg	83		10		26	142	20
Butylbenzylphthalate	1200	0	1000	ug/Kg	83		10		64	126	20
3,3-Dichlorobenzidine	1200	0	650	ug/Kg	54		2		33	116	20
Benzo(a)anthracene	1200	0	1100	ug/Kg	92		0		71	114	20
Chrysene	1200	0	1000	ug/Kg	83		10		57	121	20
bis(2-Ethylhexyl)phthalate	1200	0	990	ug/Kg	83		0		42	169	20
Di-n-octyl phthalate	1200	0	1000	ug/Kg	83		10		23	175	20
Benzo(b)fluoranthene	1200	0	1100	ug/Kg	92		0		67	121	20
Benzo(k)fluoranthene	1200	0	1000	ug/Kg	83		10		57	134	20
Benzo(a)pyrene	1200	0	1100	ug/Kg	92		0		70	142	20
Indeno(1,2,3-cd)pyrene	1200	0	1100	ug/Kg	92		8		40	129	20
Dibenz(a,h)anthracene	1200	0	1100	ug/Kg	92		8		43	123	20
Benzo(g,h,i)perylene	1200	0	1100	ug/Kg	92		8		24	125	20
1,2,4,5-Tetrachlorobenzene	1200	0	1100	ug/Kg	92		0		69	124	20
1,4-Dioxane	1200	0	920	ug/Kg	77		1		46	112	20
2,3,4,6-Tetrachlorophenol	1200	0	1000	ug/Kg	83		0		69	112	20
1-Methylnaphthalene	1200	0	990	ug/Kg	83		0		70	130	20