

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: Q3483

Analytical Method: SW8270E

Client: Alliance Technical Group, LLC - Newark

DataFile: BG064805.D

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Low	Limits High	RPD
Lab Sample ID: Q3658-01MS		Client Sample ID: NB-07-111725MS									
n-Nitrosodimethylamine	1100	0	870	ug/Kg	79				66	124	
Pyridine	1100	0	700	ug/Kg	64				45	119	
Benzaldehyde	1100	0	640	ug/Kg	58				20	111	
Aniline	1100	0	430	ug/Kg	39				10	88	
Phenol	1100	0	1000	ug/Kg	91				51	122	
bis(2-Chloroethyl)ether	1100	0	970	ug/Kg	88				67	110	
2-Chlorophenol	1100	0	1100	ug/Kg	100				67	119	
1,2-Dichlorobenzene	1100	0	1000	ug/Kg	91				61	105	
1,3-Dichlorobenzene	1100	0	980	ug/Kg	89				62	101	
1,4-Dichlorobenzene	1100	0	1000	ug/Kg	91				63	104	
Benzyl Alcohol	1100	0	1000	ug/Kg	91				47	126	
2-Methylphenol	1100	0	1100	ug/Kg	100				68	116	
2,2-oxybis(1-Chloropropane)	1100	0	900	ug/Kg	82				59	113	
Acetophenone	1100	0	960	ug/Kg	87				55	128	
3+4-Methylphenols	1100	0	1000	ug/Kg	91				70	111	
N-Nitroso-di-n-propylamine	1100	0	980	ug/Kg	89				59	119	
Hexachloroethane	1100	0	970	ug/Kg	88				65	115	
Nitrobenzene	1100	0	960	ug/Kg	87				66	120	
Isophorone	1100	0	930	ug/Kg	85				67	113	
2-Nitrophenol	1100	0	1100	ug/Kg	100				69	135	
2,4-Dimethylphenol	1100	0	1000	ug/Kg	91				63	151	
bis(2-Chloroethoxy)methane	1100	0	990	ug/Kg	90				70	112	
2,4-Dichlorophenol	1100	0	1100	ug/Kg	100				70	121	
1,2,4-Trichlorobenzene	1100	0	1100	ug/Kg	100				57	103	
Benzoic acid	1100	0	1100	ug/Kg	100				50	104	
Naphthalene	1100	0	970	ug/Kg	88				66	113	
4-Chloroaniline	1100	0	220	ug/Kg	20				10	100	
Hexachlorobutadiene	1100	0	950	ug/Kg	86				67	118	
Caprolactam	1100	0	990	ug/Kg	90				51	134	
4-Chloro-3-methylphenol	1100	0	1000	ug/Kg	91				71	118	
2-Methylnaphthalene	1100	0	890	ug/Kg	81				59	123	
Hexachlorocyclopentadiene	2200	0	1100	ug/Kg	50				16	175	
2,4,6-Trichlorophenol	1100	0	1100	ug/Kg	100				67	128	
2,4,5-Trichlorophenol	1100	0	1100	ug/Kg	100				69	123	
1,1-Biphenyl	1100	0	1000	ug/Kg	91				69	126	
2-Chloronaphthalene	1100	0	1000	ug/Kg	91				71	113	
2-Nitroaniline	1100	0	1000	ug/Kg	91				73	125	
Dimethylphthalate	1100	0	940	ug/Kg	85				72	116	
Acenaphthylene	1100	0	1000	ug/Kg	91				69	128	
2,6-Dinitrotoluene	1100	0	1000	ug/Kg	91				67	141	
3-Nitroaniline	1100	0	620	ug/Kg	56				28	102	
Acenaphthene	1100	0	1100	ug/Kg	100				70	121	
2,4-Dinitrophenol	2200	0	1600	ug/Kg	73				10	164	
4-Nitrophenol	2200	0	2100	ug/Kg	95				49	133	
Dibenzofuran	1100	0	990	ug/Kg	90				71	111	
2,4-Dinitrotoluene	1100	0	1000	ug/Kg	91				73	130	

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Diethylphthalate	1100	0	950	ug/Kg	86				73	116	
4-Chlorophenyl-phenylether	1100	0	960	ug/Kg	87				72	112	
Fluorene	1100	0	970	ug/Kg	88				67	114	
4-Nitroaniline	1100	0	880	ug/Kg	80				61	128	
4,6-Dinitro-2-methylphenol	1100	0	1000	ug/Kg	91				25	163	
N-Nitrosodiphenylamine	1100	0	1100	ug/Kg	100				73	118	
Azobenzene	1100	0	1100	ug/Kg	100				73	110	
4-Bromophenyl-phenylether	1100	0	1100	ug/Kg	100				65	121	
Hexachlorobenzene	1100	0	1000	ug/Kg	91				67	118	
Atrazine	1100	0	1000	ug/Kg	91				79	127	
Pentachlorophenol	2200	0	2100	ug/Kg	95				39	145	
Phenanthrene	1100	0	1000	ug/Kg	91				52	128	
Anthracene	1100	0	990	ug/Kg	90				62	124	
Carbazole	1100	0	950	ug/Kg	86				73	115	
Di-n-butylphthalate	1100	0	1000	ug/Kg	91				72	129	
Fluoranthene	1100	76.6	870	ug/Kg	72				31	152	
Benzidine	2200	0	500	ug/Kg	23				10	119	
Pyrene	1100	85.3	1200	ug/Kg	101				37	122	
Butylbenzylphthalate	1100	0	1100	ug/Kg	100				59	151	
3,3-Dichlorobenzidine	1100	0	470	ug/Kg	43				10	116	
Benzo(a)anthracene	1100	0	1000	ug/Kg	91				53	119	
Chrysene	1100	54.7	1000	ug/Kg	86				57	121	
bis(2-Ethylhexyl)phthalate	1100	0	1100	ug/Kg	100				64	139	
Di-n-octyl phthalate	1100	0	1000	ug/Kg	91				51	156	
Benzo(b)fluoranthene	1100	80.8	1000	ug/Kg	84				52	117	
Benzo(k)fluoranthene	1100	0	990	ug/Kg	90				57	134	
Benzo(a)pyrene	1100	48.7	1000	ug/Kg	86				70	142	
Indeno(1,2,3-cd)pyrene	1100	45.9	1100	ug/Kg	96				48	129	
Dibenz(a,h)anthracene	1100	0	1100	ug/Kg	100				43	123	
Benzo(g,h,i)perylene	1100	61.0	1200	ug/Kg	104				40	133	
1,2,4,5-Tetrachlorobenzene	1100	0	1000	ug/Kg	91				65	132	
1,4-Dioxane	1100	0	740	ug/Kg	67				46	112	
2,3,4,6-Tetrachlorophenol	1100	0	1100	ug/Kg	100				56	141	
1-Methylnaphthalene	1100	0	930	ug/Kg	85				70	130	