

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: P4779

Client: CHA Companies, Inc.

Analytical Method: SW8270E

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Low	Limits High	RPD
Lab Sample ID:	P4788-01MS	Client Sample ID:	BP-G3MS					DataFile:	BF140373.D		
Benzaldehyde	1100	0	210	ug/Kg	19				10	86	
Phenol	1100	0	1100	ug/Kg	100				67	126	
bis(2-Chloroethyl)ether	1100	0	1200	ug/Kg	109				54	125	
2-Chlorophenol	1100	0	1200	ug/Kg	109	*			79	107	
2-Methylphenol	1100	0	1100	ug/Kg	100				66	122	
2,2-oxybis(1-Chloropropane)	1100	0	1100	ug/Kg	100				65	110	
Acetophenone	1100	0	1200	ug/Kg	109				75	111	
3+4-Methylphenols	1100	0	1100	ug/Kg	100				66	104	
N-Nitroso-di-n-propylamine	1100	0	1100	ug/Kg	100				59	119	
Hexachloroethane	1100	0	1100	ug/Kg	100				65	117	
Nitrobenzene	1100	0	1100	ug/Kg	100				70	119	
Isophorone	1100	0	1100	ug/Kg	100				76	122	
2-Nitrophenol	1100	0	1200	ug/Kg	109				54	145	
2,4-Dimethylphenol	1100	0	1300	ug/Kg	118				44	135	
bis(2-Chloroethoxy)methane	1100	0	1100	ug/Kg	100				68	112	
2,4-Dichlorophenol	1100	0	1100	ug/Kg	100				72	118	
Naphthalene	1100	0	1100	ug/Kg	100				72	110	
4-Chloroaniline	1100	0	300	ug/Kg	27				10	91	
Hexachlorobutadiene	1100	0	1100	ug/Kg	100				66	114	
Caprolactam	1100	0	1100	ug/Kg	100				51	134	
4-Chloro-3-methylphenol	1100	0	1100	ug/Kg	100				57	132	
2-Methylnaphthalene	1100	0	1100	ug/Kg	100				59	123	
Hexachlorocyclopentadiene	2200	0	1700	ug/Kg	77				10	175	
2,4,6-Trichlorophenol	1100	0	1200	ug/Kg	109				72	117	
2,4,5-Trichlorophenol	1100	0	1100	ug/Kg	100				72	117	
1,1-Biphenyl	1100	0	1200	ug/Kg	109				75	113	
2-Chloronaphthalene	1100	0	1200	ug/Kg	109				67	118	
2-Nitroaniline	1100	0	1200	ug/Kg	109				69	127	
Dimethylphthalate	1100	0	1200	ug/Kg	109				70	113	
Acenaphthylene	1100	0	1200	ug/Kg	109				79	118	
2,6-Dinitrotoluene	1100	0	1100	ug/Kg	100				70	125	
3-Nitroaniline	1100	0	820	ug/Kg	75				30	99	
Acenaphthene	1100	0	1200	ug/Kg	109				70	121	
2,4-Dinitrophenol	2200	0	1400	ug/Kg	64				10	155	
4-Nitrophenol	2200	0	1800	ug/Kg	82				45	133	
Dibenzofuran	1100	0	1200	ug/Kg	109				72	110	
2,4-Dinitrotoluene	1100	0	1100	ug/Kg	100				55	128	
Diethylphthalate	1100	0	1100	ug/Kg	100				70	112	
4-Chlorophenyl-phenylether	1100	0	1100	ug/Kg	100				71	108	
Fluorene	1100	0	1100	ug/Kg	100				68	116	
4-Nitroaniline	1100	0	880	ug/Kg	80				55	120	
4,6-Dinitro-2-methylphenol	1100	0	1100	ug/Kg	100				10	160	
N-Nitrosodiphenylamine	1100	0	1300	ug/Kg	118				73	118	
4-Bromophenyl-phenylether	1100	0	1300	ug/Kg	118				65	121	
Hexachlorobenzene	1100	0	1200	ug/Kg	109				67	118	
Atrazine	1100	0	1300	ug/Kg	118				79	127	

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Pentachlorophenol	2200	0	2100	ug/Kg	95				47	128	
Phenanthrene	1100	0	1200	ug/Kg	109				52	128	
Anthracene	1100	0	1200	ug/Kg	109				62	124	
Carbazole	1100	0	1100	ug/Kg	100				59	119	
Di-n-butylphthalate	1100	0	1200	ug/Kg	109				69	118	
Fluoranthene	1100	0	1100	ug/Kg	100				44	125	
Pyrene	1100	0	1000	ug/Kg	91				26	142	
Butylbenzylphthalate	1100	0	1100	ug/Kg	100				64	126	
3,3-Dichlorobenzidine	1100	0	750	ug/Kg	68				33	116	
Benzo(a)anthracene	1100	0	1200	ug/Kg	109				71	114	
Chrysene	1100	0	1200	ug/Kg	109				57	121	
bis(2-Ethylhexyl)phthalate	1100	0	1200	ug/Kg	109				42	169	
Di-n-octyl phthalate	1100	0	1200	ug/Kg	109				23	175	
Benzo(b)fluoranthene	1100	0	1200	ug/Kg	109				67	121	
Benzo(k)fluoranthene	1100	0	1300	ug/Kg	118				57	134	
Benzo(a)pyrene	1100	0	1300	ug/Kg	118				70	142	
Indeno(1,2,3-cd)pyrene	1100	0	1100	ug/Kg	100				40	129	
Dibenz(a,h)anthracene	1100	0	1100	ug/Kg	100				43	123	
Benzo(g,h,i)perylene	1100	0	970	ug/Kg	88				24	125	
1,2,4,5-Tetrachlorobenzene	1100	0	1200	ug/Kg	109				69	124	
1,4-Dioxane	1100	0	1100	ug/Kg	100				46	112	
2,3,4,6-Tetrachlorophenol	1100	0	1100	ug/Kg	100				69	112	