

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: Q1206

Client: RU2 Engineering, LLC

Analytical Method: SW8270E

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Low	Limits High	RPD
Lab Sample ID:	Q1209-05MS	Client Sample ID:	WC-5MS					DataFile:	BF141315.D		
Benzaldehyde	1100	0	1100	ug/Kg	100	*			10	86	
Phenol	1100	0	880	ug/Kg	80				67	126	
bis(2-Chloroethyl)ether	1100	0	870	ug/Kg	79				54	125	
2-Chlorophenol	1100	0	890	ug/Kg	81				79	107	
2-Methylphenol	1100	0	890	ug/Kg	81				66	122	
2,2-oxybis(1-Chloropropane)	1100	0	910	ug/Kg	83				65	110	
Acetophenone	1100	0	930	ug/Kg	85				75	111	
3+4-Methylphenols	1100	0	840	ug/Kg	76				66	104	
N-Nitroso-di-n-propylamine	1100	0	850	ug/Kg	77				59	119	
Hexachloroethane	1100	0	840	ug/Kg	76				65	117	
Nitrobenzene	1100	0	830	ug/Kg	75				70	119	
Isophorone	1100	0	890	ug/Kg	81				76	122	
2-Nitrophenol	1100	0	890	ug/Kg	81				54	145	
2,4-Dimethylphenol	1100	0	1100	ug/Kg	100				44	135	
bis(2-Chloroethoxy)methane	1100	0	870	ug/Kg	79				68	112	
2,4-Dichlorophenol	1100	0	870	ug/Kg	79				72	118	
Naphthalene	1100	0	830	ug/Kg	75				72	110	
4-Chloroaniline	1100	0	340	ug/Kg	31				10	91	
Hexachlorobutadiene	1100	0	820	ug/Kg	75				66	114	
Caprolactam	1100	0	970	ug/Kg	88				51	134	
4-Chloro-3-methylphenol	1100	0	890	ug/Kg	81				57	132	
2-Methylnaphthalene	1100	0	820	ug/Kg	75				59	123	
Hexachlorocyclopentadiene	2300	0	3300	ug/Kg	143				10	175	
2,4,6-Trichlorophenol	1100	0	910	ug/Kg	83				72	117	
2,4,5-Trichlorophenol	1100	0	810	ug/Kg	74				72	117	
1,1-Biphenyl	1100	0	920	ug/Kg	84				75	113	
2-Chloronaphthalene	1100	0	820	ug/Kg	75				67	118	
2-Nitroaniline	1100	0	880	ug/Kg	80				69	127	
Dimethylphthalate	1100	0	860	ug/Kg	78				70	113	
Acenaphthylene	1100	0	910	ug/Kg	83				79	118	
2,6-Dinitrotoluene	1100	0	820	ug/Kg	75				70	125	
3-Nitroaniline	1100	0	400	ug/Kg	36				30	99	
Acenaphthene	1100	0	940	ug/Kg	85				70	121	
2,4-Dinitrophenol	2300	0	2100	ug/Kg	91				10	155	
4-Nitrophenol	2300	0	2000	ug/Kg	87				45	133	
Dibenzofuran	1100	0	840	ug/Kg	76				72	110	
2,4-Dinitrotoluene	1100	0	860	ug/Kg	78				55	128	
Diethylphthalate	1100	0	850	ug/Kg	77				70	112	
4-Chlorophenyl-phenylether	1100	0	820	ug/Kg	75				71	108	
Fluorene	1100	0	830	ug/Kg	75				68	116	
4-Nitroaniline	1100	0	880	ug/Kg	80				55	120	
4,6-Dinitro-2-methylphenol	1100	0	1000	ug/Kg	91				10	160	
N-Nitrosodiphenylamine	1100	0	900	ug/Kg	82				73	118	
4-Bromophenyl-phenylether	1100	0	880	ug/Kg	80				65	121	
Hexachlorobenzene	1100	0	870	ug/Kg	79				67	118	
Atrazine	1100	0	980	ug/Kg	89				79	127	

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Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Low	Limits High	RPD
Pentachlorophenol	2300	0	1900	ug/Kg	83				47	128	
Phenanthrene	1100	0	890	ug/Kg	81				52	128	
Anthracene	1100	0	920	ug/Kg	84				62	124	
Carbazole	1100	0	910	ug/Kg	83				59	119	
Di-n-butylphthalate	1100	0	910	ug/Kg	83				69	118	
Fluoranthene	1100	0	870	ug/Kg	79				44	125	
Pyrene	1100	0	880	ug/Kg	80				26	142	
Butylbenzylphthalate	1100	0	1000	ug/Kg	91				64	126	
3,3-Dichlorobenzidine	1100	0	660	ug/Kg	60				33	116	
Benzo(a)anthracene	1100	0	830	ug/Kg	75				71	114	
Chrysene	1100	0	880	ug/Kg	80				57	121	
bis(2-Ethylhexyl)phthalate	1100	0	960	ug/Kg	87				42	169	
Di-n-octyl phthalate	1100	0	910	ug/Kg	83				23	175	
Benzo(b)fluoranthene	1100	0	860	ug/Kg	78				67	121	
Benzo(k)fluoranthene	1100	0	870	ug/Kg	79				57	134	
Benzo(a)pyrene	1100	0	950	ug/Kg	86				70	142	
Indeno(1,2,3-cd)pyrene	1100	0	1000	ug/Kg	91				40	129	
Dibenz(a,h)anthracene	1100	0	1000	ug/Kg	91				43	123	
Benzo(g,h,i)perylene	1100	0	940	ug/Kg	85				24	125	
1,2,4,5-Tetrachlorobenzene	1100	0	910	ug/Kg	83				69	124	
1,4-Dioxane	1100	0	870	ug/Kg	79				46	112	
2,3,4,6-Tetrachlorophenol	1100	0	910	ug/Kg	83				69	112	