

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: Q1216

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:	Q1215-03MS	Client Sample ID:	JPP-29.1-012825MS					DataFile:	BF141573.D		
Benzaldehyde	1900	0	2200	ug/Kg	116	*			10	86	
Phenol	1900	0	1700	ug/Kg	89				67	126	
bis(2-Chloroethyl)ether	1900	0	1800	ug/Kg	95				54	125	
2-Chlorophenol	1900	0	1700	ug/Kg	89				79	107	
2-Methylphenol	1900	0	1700	ug/Kg	89				66	122	
2,2-oxybis(1-Chloropropane)	1900	0	1700	ug/Kg	89				65	110	
Acetophenone	1900	0	2000	ug/Kg	105				75	111	
3+4-Methylphenols	1900	0	1700	ug/Kg	89				66	104	
N-Nitroso-di-n-propylamine	1900	0	1700	ug/Kg	89				59	119	
Hexachloroethane	1900	0	1700	ug/Kg	89				65	117	
Nitrobenzene	1900	0	1700	ug/Kg	89				70	119	
Isophorone	1900	0	1900	ug/Kg	100				76	122	
2-Nitrophenol	1900	0	1800	ug/Kg	95				54	145	
2,4-Dimethylphenol	1900	0	2200	ug/Kg	116				44	135	
bis(2-Chloroethoxy)methane	1900	0	1800	ug/Kg	95				68	112	
2,4-Dichlorophenol	1900	0	1700	ug/Kg	89				72	118	
Naphthalene	1900	0	1800	ug/Kg	95				72	110	
4-Chloroaniline	1900	0	380	ug/Kg	20				10	91	
Hexachlorobutadiene	1900	0	1900	ug/Kg	100				66	114	
Caprolactam	1900	0	1900	ug/Kg	100				51	134	
4-Chloro-3-methylphenol	1900	0	1600	ug/Kg	84				57	132	
2-Methylnaphthalene	1900	0	1700	ug/Kg	89				59	123	
Hexachlorocyclopentadiene	3700	0	2100	ug/Kg	57				10	175	
2,4,6-Trichlorophenol	1900	0	1800	ug/Kg	95				72	117	
2,4,5-Trichlorophenol	1900	0	1700	ug/Kg	89				72	117	
1,1-Biphenyl	1900	0	2000	ug/Kg	105				75	113	
2-Chloronaphthalene	1900	0	1800	ug/Kg	95				67	118	
2-Nitroaniline	1900	0	1800	ug/Kg	95				69	127	
Dimethylphthalate	1900	0	1800	ug/Kg	95				70	113	
Acenaphthylene	1900	0	1800	ug/Kg	95				79	118	
2,6-Dinitrotoluene	1900	0	1800	ug/Kg	95				70	125	
3-Nitroaniline	1900	0	820	ug/Kg	43				30	99	
Acenaphthene	1900	110	1800	ug/Kg	89				70	121	
2,4-Dinitrophenol	3700	0	1900	ug/Kg	51				10	155	
4-Nitrophenol	3700	0	3200	ug/Kg	86				45	133	
Dibenzofuran	1900	0	1700	ug/Kg	89				72	110	
2,4-Dinitrotoluene	1900	0	1700	ug/Kg	89				55	128	
Diethylphthalate	1900	0	1700	ug/Kg	89				70	112	
4-Chlorophenyl-phenylether	1900	0	1700	ug/Kg	89				71	108	
Fluorene	1900	0	1700	ug/Kg	89				68	116	
4-Nitroaniline	1900	0	1300	ug/Kg	68				55	120	
4,6-Dinitro-2-methylphenol	1900	0	1200	ug/Kg	63				10	160	
N-Nitrosodiphenylamine	1900	0	2000	ug/Kg	105				73	118	
4-Bromophenyl-phenylether	1900	0	1900	ug/Kg	100				65	121	
Hexachlorobenzene	1900	0	1900	ug/Kg	100				67	118	
Atrazine	1900	0	2500	ug/Kg	132	*			79	127	

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Pentachlorophenol	3700	0	3100	ug/Kg	84				47	128	
Phenanthrene	1900	1100	2700	ug/Kg	84				52	128	
Anthracene	1900	260	2000	ug/Kg	92				62	124	
Carbazole	1900	0	1800	ug/Kg	95				59	119	
Di-n-butylphthalate	1900	0	1900	ug/Kg	100				69	118	
Fluoranthene	1900	2100	3300	ug/Kg	63				44	125	
Pyrene	1900	1700	2900	ug/Kg	63				26	142	
Butylbenzylphthalate	1900	0	1900	ug/Kg	100				64	126	
3,3-Dichlorobenzidine	1900	0	1200	ug/Kg	63				33	116	
Benzo(a)anthracene	1900	1200	2800	ug/Kg	84				71	114	
Chrysene	1900	1000	2600	ug/Kg	84				57	121	
bis(2-Ethylhexyl)phthalate	1900	0	2200	ug/Kg	116				42	169	
Di-n-octyl phthalate	1900	0	2700	ug/Kg	142				23	175	
Benzo(b)fluoranthene	1900	1400	2900	ug/Kg	79				67	121	
Benzo(k)fluoranthene	1900	530	2200	ug/Kg	88				57	134	
Benzo(a)pyrene	1900	1300	2800	ug/Kg	79				70	142	
Indeno(1,2,3-cd)pyrene	1900	550	1900	ug/Kg	71				40	129	
Dibenz(a,h)anthracene	1900	180	1600	ug/Kg	75				43	123	
Benzo(g,h,i)perylene	1900	620	1800	ug/Kg	62				24	125	
1,2,4,5-Tetrachlorobenzene	1900	0	2000	ug/Kg	105				69	124	
1,4-Dioxane	1900	0	1800	ug/Kg	95				46	112	
2,3,4,6-Tetrachlorophenol	1900	0	1600	ug/Kg	84				69	112	