

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:	Q1209-05MSD	Client Sample ID:	WC-5MSD					DataFile:	BF141316.D		
Benzaldehyde	1100	0	1200	ug/Kg	109	*	9		10	86	20
Phenol	1100	0	900	ug/Kg	82		2		67	126	20
bis(2-Chloroethyl)ether	1100	0	880	ug/Kg	80		1		54	125	20
2-Chlorophenol	1100	0	920	ug/Kg	84		4		79	107	20
2-Methylphenol	1100	0	900	ug/Kg	82		1		66	122	20
2,2-oxybis(1-Chloropropane)	1100	0	930	ug/Kg	85		2		65	110	20
Acetophenone	1100	0	960	ug/Kg	87		2		75	111	20
3+4-Methylphenols	1100	0	850	ug/Kg	77		1		66	104	20
N-Nitroso-di-n-propylamine	1100	0	880	ug/Kg	80		4		59	119	20
Hexachloroethane	1100	0	870	ug/Kg	79		4		65	117	20
Nitrobenzene	1100	0	840	ug/Kg	76		1		70	119	20
Isophorone	1100	0	910	ug/Kg	83		2		76	122	20
2-Nitrophenol	1100	0	920	ug/Kg	84		4		54	145	20
2,4-Dimethylphenol	1100	0	1100	ug/Kg	100		0		44	135	20
bis(2-Chloroethoxy)methane	1100	0	890	ug/Kg	81		3		68	112	20
2,4-Dichlorophenol	1100	0	890	ug/Kg	81		3		72	118	20
Naphthalene	1100	0	840	ug/Kg	76		1		72	110	20
4-Chloroaniline	1100	0	320	ug/Kg	29		7		10	91	20
Hexachlorobutadiene	1100	0	830	ug/Kg	75		0		66	114	20
Caprolactam	1100	0	970	ug/Kg	88		0		51	134	20
4-Chloro-3-methylphenol	1100	0	900	ug/Kg	82		1		57	132	20
2-Methylnaphthalene	1100	0	840	ug/Kg	76		1		59	123	20
Hexachlorocyclopentadiene	2300	0	3500	ug/Kg	152		6		10	175	20
2,4,6-Trichlorophenol	1100	0	960	ug/Kg	87		5		72	117	20
2,4,5-Trichlorophenol	1100	0	850	ug/Kg	77		4		72	117	20
1,1-Biphenyl	1100	0	960	ug/Kg	87		4		75	113	20
2-Chloronaphthalene	1100	0	850	ug/Kg	77		3		67	118	20
2-Nitroaniline	1100	0	940	ug/Kg	85		6		69	127	20
Dimethylphthalate	1100	0	890	ug/Kg	81		4		70	113	20
Acenaphthylene	1100	0	940	ug/Kg	85		2		79	118	20
2,6-Dinitrotoluene	1100	0	860	ug/Kg	78		4		70	125	20
3-Nitroaniline	1100	0	410	ug/Kg	37		3		30	99	20
Acenaphthene	1100	0	980	ug/Kg	89		5		70	121	20
2,4-Dinitrophenol	2300	0	2200	ug/Kg	96		5		10	155	20
4-Nitrophenol	2300	0	2100	ug/Kg	91		4		45	133	20
Dibenzofuran	1100	0	870	ug/Kg	79		4		72	110	20
2,4-Dinitrotoluene	1100	0	890	ug/Kg	81		4		55	128	20
Diethylphthalate	1100	0	880	ug/Kg	80		4		70	112	20
4-Chlorophenyl-phenylether	1100	0	850	ug/Kg	77		3		71	108	20
Fluorene	1100	0	860	ug/Kg	78		4		68	116	20
4-Nitroaniline	1100	0	910	ug/Kg	83		4		55	120	20
4,6-Dinitro-2-methylphenol	1100	0	1100	ug/Kg	100		9		10	160	20
N-Nitrosodiphenylamine	1100	0	920	ug/Kg	84		2		73	118	20
4-Bromophenyl-phenylether	1100	0	910	ug/Kg	83		4		65	121	20
Hexachlorobenzene	1100	0	880	ug/Kg	80		1		67	118	20
Atrazine	1100	0	1000	ug/Kg	91		2		79	127	20

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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		0		47	128	20
Phenanthrene	1100	0	910	ug/Kg	83		2		52	128	20
Anthracene	1100	0	940	ug/Kg	85		1		62	124	20
Carbazole	1100	0	930	ug/Kg	85		2		59	119	20
Di-n-butylphthalate	1100	0	930	ug/Kg	85		2		69	118	20
Fluoranthene	1100	0	910	ug/Kg	83		5		44	125	20
Pyrene	1100	0	900	ug/Kg	82		2		26	142	20
Butylbenzylphthalate	1100	0	1000	ug/Kg	91		0		64	126	20
3,3-Dichlorobenzidine	1100	0	700	ug/Kg	64		6		33	116	20
Benzo(a)anthracene	1100	0	890	ug/Kg	81		8		71	114	20
Chrysene	1100	0	890	ug/Kg	81		1		57	121	20
bis(2-Ethylhexyl)phthalate	1100	0	1000	ug/Kg	91		4		42	169	20
Di-n-octyl phthalate	1100	0	950	ug/Kg	86		4		23	175	20
Benzo(b)fluoranthene	1100	0	950	ug/Kg	86		10		67	121	20
Benzo(k)fluoranthene	1100	0	850	ug/Kg	77		3		57	134	20
Benzo(a)pyrene	1100	0	980	ug/Kg	89		3		70	142	20
Indeno(1,2,3-cd)pyrene	1100	0	1000	ug/Kg	91		0		40	129	20
Dibenz(a,h)anthracene	1100	0	1000	ug/Kg	91		0		43	123	20
Benzo(g,h,i)perylene	1100	0	960	ug/Kg	87		2		24	125	20
1,2,4,5-Tetrachlorobenzene	1100	0	950	ug/Kg	86		4		69	124	20
1,4-Dioxane	1100	0	870	ug/Kg	79		0		46	112	20
2,3,4,6-Tetrachlorophenol	1100	0	950	ug/Kg	86		4		69	112	20