

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: Q1982

Client: CDM Smith

Analytical Method: SW8270E

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Low	Limits High	RPD
Lab Sample ID:	Q2010-02MSD	Client Sample ID:	TP-13MSD					DataFile:	BP024639.D		
Benzaldehyde	2000	0	1600	ug/Kg	80		0		10	86	20
Phenol	2000	0	1900	ug/Kg	95		5		67	126	20
bis(2-Chloroethyl)ether	2000	0	1700	ug/Kg	85		6		54	125	20
2-Chlorophenol	2000	0	1900	ug/Kg	95		5		79	107	20
2-Methylphenol	2000	0	1800	ug/Kg	90		6		66	122	20
2,2-oxybis(1-Chloropropane)	2000	0	1700	ug/Kg	85		6		65	110	20
Acetophenone	2000	0	1800	ug/Kg	90		12		75	111	20
3+4-Methylphenols	2000	0	1800	ug/Kg	90		12		66	104	20
N-Nitroso-di-n-propylamine	2000	0	1600	ug/Kg	80		13		59	119	20
Hexachloroethane	2000	0	1700	ug/Kg	85		6		65	117	20
Nitrobenzene	2000	0	1800	ug/Kg	90		0		70	119	20
Isophorone	2000	0	1700	ug/Kg	85		0		76	122	20
2-Nitrophenol	2000	0	2000	ug/Kg	100		0		54	145	20
2,4-Dimethylphenol	2000	0	1900	ug/Kg	95		0		44	135	20
bis(2-Chloroethoxy)methane	2000	0	1800	ug/Kg	90		6		68	112	20
2,4-Dichlorophenol	2000	0	1900	ug/Kg	95		0		72	118	20
Naphthalene	2000	0	1800	ug/Kg	90		0		72	110	20
4-Chloroaniline	2000	0	1100	ug/Kg	55		0		10	91	20
Hexachlorobutadiene	2000	0	1800	ug/Kg	90		0		66	114	20
Caprolactam	2000	0	1800	ug/Kg	90		5		51	134	20
4-Chloro-3-methylphenol	2000	0	1800	ug/Kg	90		0		57	132	20
2-Methylnaphthalene	2000	0	1800	ug/Kg	90		6		59	123	20
Hexachlorocyclopentadiene	3900	0	4500	ug/Kg	115		0		10	175	20
2,4,6-Trichlorophenol	2000	0	2000	ug/Kg	100		0		72	117	20
2,4,5-Trichlorophenol	2000	0	2000	ug/Kg	100		0		72	117	20
1,1-Biphenyl	2000	0	1900	ug/Kg	95		5		75	113	20
2-Chloronaphthalene	2000	0	1900	ug/Kg	95		5		67	118	20
2-Nitroaniline	2000	0	2000	ug/Kg	100		5		69	127	20
Dimethylphthalate	2000	0	1800	ug/Kg	90		0		70	113	20
Acenaphthylene	2000	0	1800	ug/Kg	90		0		79	118	20
2,6-Dinitrotoluene	2000	0	1800	ug/Kg	90		0		70	125	20
3-Nitroaniline	2000	0	1300	ug/Kg	65		0		30	99	20
Acenaphthene	2000	0	1800	ug/Kg	90		0		70	121	20
2,4-Dinitrophenol	3900	0	3800	ug/Kg	97		0		10	155	20
4-Nitrophenol	3900	0	3800	ug/Kg	97		0		45	133	20
Dibenzofuran	2000	0	1800	ug/Kg	90		0		72	110	20
2,4-Dinitrotoluene	2000	0	1900	ug/Kg	95		0		55	128	20
Diethylphthalate	2000	0	1800	ug/Kg	90		0		70	112	20
4-Chlorophenyl-phenylether	2000	0	1800	ug/Kg	90		0		71	108	20
Fluorene	2000	0	1800	ug/Kg	90		0		68	116	20
4-Nitroaniline	2000	0	1900	ug/Kg	95		5		55	120	20
4,6-Dinitro-2-methylphenol	2000	0	2000	ug/Kg	100		0		10	160	20
N-Nitrosodiphenylamine	2000	0	1900	ug/Kg	95		5		73	118	20
4-Bromophenyl-phenylether	2000	0	1900	ug/Kg	95		5		65	121	20
Hexachlorobenzene	2000	0	1800	ug/Kg	90		0		67	118	20
Atrazine	2000	0	1900	ug/Kg	95		0		79	127	20

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Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Low	Limits High	RPD
Pentachlorophenol	3900	0	4300	ug/Kg	110		0		47	128	20
Phenanthrene	2000	0	1800	ug/Kg	90		0		52	128	20
Anthracene	2000	0	1800	ug/Kg	90		0		62	124	20
Carbazole	2000	0	1900	ug/Kg	95		0		59	119	20
Di-n-butylphthalate	2000	0	1900	ug/Kg	95		0		69	118	20
Fluoranthene	2000	0	1800	ug/Kg	90		0		44	125	20
Pyrene	2000	0	1900	ug/Kg	95		0		26	142	20
Butylbenzylphthalate	2000	0	2000	ug/Kg	100		0		64	126	20
3,3-Dichlorobenzidine	2000	0	1300	ug/Kg	65		0		33	116	20
Benzo(a)anthracene	2000	0	1900	ug/Kg	95		5		71	114	20
Chrysene	2000	0	1800	ug/Kg	90		0		57	121	20
bis(2-Ethylhexyl)phthalate	2000	0	1900	ug/Kg	95		5		42	169	20
Di-n-octyl phthalate	2000	0	2000	ug/Kg	100		5		23	175	20
Benzo(b)fluoranthene	2000	0	1900	ug/Kg	95		0		67	121	20
Benzo(k)fluoranthene	2000	0	1800	ug/Kg	90		0		57	134	20
Benzo(a)pyrene	2000	0	1900	ug/Kg	95		0		70	142	20
Indeno(1,2,3-cd)pyrene	2000	0	1900	ug/Kg	95		0		40	129	20
Dibenz(a,h)anthracene	2000	0	1900	ug/Kg	95		0		43	123	20
Benzo(g,h,i)perylene	2000	0	1900	ug/Kg	95		0		24	125	20
1,2,4,5-Tetrachlorobenzene	2000	0	1900	ug/Kg	95		0		69	124	20
1,4-Dioxane	2000	0	1500	ug/Kg	75		0		46	112	20
2,3,4,6-Tetrachlorophenol	2000	0	1900	ug/Kg	95		0		69	112	20