

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: Q2074

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:	Q2075-05MSD	Client Sample ID:	SS-11MSD					DataFile:	BF142488.D		
Benzaldehyde	1900	0	1400	ug/Kg	74		7		10	86	20
Phenol	1900	0	1500	ug/Kg	79		6		67	126	20
bis(2-Chloroethyl)ether	1900	0	1500	ug/Kg	79		0		54	125	20
2-Chlorophenol	1900	0	1500	ug/Kg	79		6		79	107	20
2-Methylphenol	1900	0	1500	ug/Kg	79		0		66	122	20
2,2-oxybis(1-Chloropropane)	1900	0	1500	ug/Kg	79		0		65	110	20
Acetophenone	1900	0	1600	ug/Kg	84		6		75	111	20
3+4-Methylphenols	1900	0	1500	ug/Kg	79		0		66	104	20
N-Nitroso-di-n-propylamine	1900	0	1400	ug/Kg	74		7		59	119	20
Hexachloroethane	1900	0	1500	ug/Kg	79		0		65	117	20
Nitrobenzene	1900	0	1600	ug/Kg	84		0		70	119	20
Isophorone	1900	0	1500	ug/Kg	79		0		76	122	20
2-Nitrophenol	1900	0	1600	ug/Kg	84		0		54	145	20
2,4-Dimethylphenol	1900	0	1500	ug/Kg	79		6		44	135	20
bis(2-Chloroethoxy)methane	1900	0	1500	ug/Kg	79		0		68	112	20
2,4-Dichlorophenol	1900	0	1500	ug/Kg	79		6		72	118	20
Naphthalene	1900	0	1600	ug/Kg	84		0		72	110	20
4-Chloroaniline	1900	0	390	ug/Kg	21		0		10	91	20
Hexachlorobutadiene	1900	0	1500	ug/Kg	79		6		66	114	20
Caprolactam	1900	0	1800	ug/Kg	95		16		51	134	20
4-Chloro-3-methylphenol	1900	0	1500	ug/Kg	79		6		57	132	20
2-Methylnaphthalene	1900	0	1500	ug/Kg	79		6		59	123	20
Hexachlorocyclopentadiene	3800	0	3100	ug/Kg	82		10		10	175	20
2,4,6-Trichlorophenol	1900	0	1600	ug/Kg	84		6		72	117	20
2,4,5-Trichlorophenol	1900	0	1600	ug/Kg	84		0		72	117	20
1,1-Biphenyl	1900	0	1600	ug/Kg	84		0		75	113	20
2-Chloronaphthalene	1900	0	1600	ug/Kg	84		6		67	118	20
2-Nitroaniline	1900	0	1700	ug/Kg	89		0		69	127	20
Dimethylphthalate	1900	0	1600	ug/Kg	84		0		70	113	20
Acenaphthylene	1900	0	1600	ug/Kg	84		0		79	118	20
2,6-Dinitrotoluene	1900	0	1600	ug/Kg	84		6		70	125	20
3-Nitroaniline	1900	0	1000	ug/Kg	53		9		30	99	20
Acenaphthene	1900	0	1800	ug/Kg	95		0		70	121	20
2,4-Dinitrophenol	3800	0	3700	ug/Kg	97		11		10	155	20
4-Nitrophenol	3800	0	4100	ug/Kg	108		5		45	133	20
Dibenzofuran	1900	0	1600	ug/Kg	84		0		72	110	20
2,4-Dinitrotoluene	1900	0	1800	ug/Kg	95		5		55	128	20
Diethylphthalate	1900	0	1600	ug/Kg	84		6		70	112	20
4-Chlorophenyl-phenylether	1900	0	1600	ug/Kg	84		0		71	108	20
Fluorene	1900	0	1600	ug/Kg	84		6		68	116	20
4-Nitroaniline	1900	0	1900	ug/Kg	100		10		55	120	20
4,6-Dinitro-2-methylphenol	1900	0	1700	ug/Kg	89		7		10	160	20
N-Nitrosodiphenylamine	1900	0	1500	ug/Kg	79		0		73	118	20
4-Bromophenyl-phenylether	1900	0	1400	ug/Kg	74		0		65	121	20
Hexachlorobenzene	1900	0	1500	ug/Kg	79		0		67	118	20
Atrazine	1900	0	1900	ug/Kg	100		5		79	127	20

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Pentachlorophenol	3800	0	3400	ug/Kg	89		3		47	128	20
Phenanthrene	1900	0	1700	ug/Kg	89		6		52	128	20
Anthracene	1900	0	1700	ug/Kg	89		0		62	124	20
Carbazole	1900	0	1900	ug/Kg	100		0		59	119	20
Di-n-butylphthalate	1900	0	1900	ug/Kg	100		5		69	118	20
Fluoranthene	1900	120	2300	ug/Kg	115		5		44	125	20
Pyrene	1900	0	1300	ug/Kg	68		0		26	142	20
Butylbenzylphthalate	1900	0	1900	ug/Kg	100		0		64	126	20
3,3-Dichlorobenzidine	1900	0	770	ug/Kg	41		8		33	116	20
Benzo(a)anthracene	1900	0	1600	ug/Kg	84		6		71	114	20
Chrysene	1900	0	1600	ug/Kg	84		0		57	121	20
bis(2-Ethylhexyl)phthalate	1900	0	2000	ug/Kg	105		6		42	169	20
Di-n-octyl phthalate	1900	0	1600	ug/Kg	84		6		23	175	20
Benzo(b)fluoranthene	1900	0	1700	ug/Kg	89		12		67	121	20
Benzo(k)fluoranthene	1900	0	1700	ug/Kg	89		6		57	134	20
Benzo(a)pyrene	1900	0	1700	ug/Kg	89		0		70	142	20
Indeno(1,2,3-cd)pyrene	1900	0	1400	ug/Kg	74		0		40	129	20
Dibenz(a,h)anthracene	1900	0	1300	ug/Kg	68		8		43	123	20
Benzo(g,h,i)perylene	1900	0	1300	ug/Kg	68		0		24	125	20
1,2,4,5-Tetrachlorobenzene	1900	0	1600	ug/Kg	84		6		69	124	20
1,4-Dioxane	1900	0	1400	ug/Kg	74		0		46	112	20
2,3,4,6-Tetrachlorophenol	1900	0	1600	ug/Kg	84		6		69	112	20