

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: Q1956

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:	Q1956-04MSD	Client Sample ID:	SB2-4-5MSD					DataFile:	BP024552.D		
Benzaldehyde	1800	0	1100	ug/Kg	61		0		10	86	20
Phenol	1800	0	1600	ug/Kg	89		5		67	126	20
bis(2-Chloroethyl)ether	1800	0	1500	ug/Kg	83		0		54	125	20
2-Chlorophenol	1800	0	1700	ug/Kg	94		0		79	107	20
2-Methylphenol	1800	0	1700	ug/Kg	94		6		66	122	20
2,2-oxybis(1-Chloropropane)	1800	0	1500	ug/Kg	83		7		65	110	20
Acetophenone	1800	0	1600	ug/Kg	89		0		75	111	20
3+4-Methylphenols	1800	0	1700	ug/Kg	94		6		66	104	20
N-Nitroso-di-n-propylamine	1800	0	1500	ug/Kg	83		0		59	119	20
Hexachloroethane	1800	0	1600	ug/Kg	89		5		65	117	20
Nitrobenzene	1800	0	1600	ug/Kg	89		0		70	119	20
Isophorone	1800	0	1600	ug/Kg	89		5		76	122	20
2-Nitrophenol	1800	0	1700	ug/Kg	94		6		54	145	20
2,4-Dimethylphenol	1800	0	2400	ug/Kg	133		4		44	135	20
bis(2-Chloroethoxy)methane	1800	0	1500	ug/Kg	83		0		68	112	20
2,4-Dichlorophenol	1800	0	1800	ug/Kg	100		0		72	118	20
Naphthalene	1800	0	1500	ug/Kg	83		7		72	110	20
4-Chloroaniline	1800	0	900	ug/Kg	50		2		10	91	20
Hexachlorobutadiene	1800	0	1800	ug/Kg	100		0		66	114	20
Caprolactam	1800	0	1700	ug/Kg	94		0		51	134	20
4-Chloro-3-methylphenol	1800	0	1700	ug/Kg	94		6		57	132	20
2-Methylnaphthalene	1800	0	1400	ug/Kg	78		6		59	123	20
Hexachlorocyclopentadiene	3600	0	4900	ug/Kg	136		8		10	175	20
2,4,6-Trichlorophenol	1800	0	1800	ug/Kg	100		6		72	117	20
2,4,5-Trichlorophenol	1800	0	1800	ug/Kg	100		6		72	117	20
1,1-Biphenyl	1800	0	1600	ug/Kg	89		0		75	113	20
2-Chloronaphthalene	1800	0	1600	ug/Kg	89		5		67	118	20
2-Nitroaniline	1800	0	1900	ug/Kg	106		0		69	127	20
Dimethylphthalate	1800	0	1600	ug/Kg	89		5		70	113	20
Acenaphthylene	1800	0	1700	ug/Kg	94		6		79	118	20
2,6-Dinitrotoluene	1800	0	1700	ug/Kg	94		6		70	125	20
3-Nitroaniline	1800	0	1600	ug/Kg	89		5		30	99	20
Acenaphthene	1800	0	1600	ug/Kg	89		0		70	121	20
2,4-Dinitrophenol	3600	0	3300	ug/Kg	92		5		10	155	20
4-Nitrophenol	3600	0	3500	ug/Kg	97		3		45	133	20
Dibenzofuran	1800	0	1500	ug/Kg	83		7		72	110	20
2,4-Dinitrotoluene	1800	0	1800	ug/Kg	100		6		55	128	20
Diethylphthalate	1800	0	1600	ug/Kg	89		5		70	112	20
4-Chlorophenyl-phenylether	1800	0	1600	ug/Kg	89		5		71	108	20
Fluorene	1800	0	1600	ug/Kg	89		5		68	116	20
4-Nitroaniline	1800	0	1700	ug/Kg	94		0		55	120	20
4,6-Dinitro-2-methylphenol	1800	0	1600	ug/Kg	89		5		10	160	20
N-Nitrosodiphenylamine	1800	0	1600	ug/Kg	89		5		73	118	20
4-Bromophenyl-phenylether	1800	0	1700	ug/Kg	94		6		65	121	20
Hexachlorobenzene	1800	0	1800	ug/Kg	100		6		67	118	20
Atrazine	1800	0	2300	ug/Kg	128	*	4		79	127	20

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Pentachlorophenol	3600	0	3500	ug/Kg	97		3		47	128	20
Phenanthrene	1800	0	1600	ug/Kg	89		5		52	128	20
Anthracene	1800	0	1700	ug/Kg	94		6		62	124	20
Carbazole	1800	0	1700	ug/Kg	94		0		59	119	20
Di-n-butylphthalate	1800	0	1700	ug/Kg	94		6		69	118	20
Fluoranthene	1800	0	1600	ug/Kg	89		5		44	125	20
Pyrene	1800	0	1600	ug/Kg	89		5		26	142	20
Butylbenzylphthalate	1800	0	1700	ug/Kg	94		12		64	126	20
3,3-Dichlorobenzidine	1800	0	1400	ug/Kg	78		0		33	116	20
Benzo(a)anthracene	1800	0	1700	ug/Kg	94		0		71	114	20
Chrysene	1800	0	1600	ug/Kg	89		0		57	121	20
bis(2-Ethylhexyl)phthalate	1800	0	1700	ug/Kg	94		6		42	169	20
Di-n-octyl phthalate	1800	0	1800	ug/Kg	100		0		23	175	20
Benzo(b)fluoranthene	1800	0	1500	ug/Kg	83		7		67	121	20
Benzo(k)fluoranthene	1800	0	1600	ug/Kg	89		5		57	134	20
Benzo(a)pyrene	1800	0	1800	ug/Kg	100		0		70	142	20
Indeno(1,2,3-cd)pyrene	1800	0	1800	ug/Kg	100		0		40	129	20
Dibenz(a,h)anthracene	1800	0	1700	ug/Kg	94		6		43	123	20
Benzo(g,h,i)perylene	1800	0	1700	ug/Kg	94		0		24	125	20
1,2,4,5-Tetrachlorobenzene	1800	0	1700	ug/Kg	94		0		69	124	20
1,4-Dioxane	1800	0	1300	ug/Kg	72		8		46	112	20
2,3,4,6-Tetrachlorophenol	1800	0	1700	ug/Kg	94		6		69	112	20