

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:	Q1982-03MSD	Client Sample ID:	TP-3MSD					DataFile:	BF142367.D		
Benzaldehyde	1800	0	1500	ug/Kg	83	0			10	86	20
Phenol	1800	0	1700	ug/Kg	94	6			67	126	20
bis(2-Chloroethyl)ether	1800	0	1300	ug/Kg	72	0			54	125	20
2-Chlorophenol	1800	0	1700	ug/Kg	94	0			79	107	20
2-Methylphenol	1800	0	1600	ug/Kg	89	0			66	122	20
2,2-oxybis(1-Chloropropane)	1800	0	1500	ug/Kg	83	0			65	110	20
Acetophenone	1800	0	1500	ug/Kg	83	0			75	111	20
3+4-Methylphenols	1800	0	1600	ug/Kg	89	5			66	104	20
N-Nitroso-di-n-propylamine	1800	0	1600	ug/Kg	89	0			59	119	20
Hexachloroethane	1800	0	1600	ug/Kg	89	0			65	117	20
Nitrobenzene	1800	0	1600	ug/Kg	89	5			70	119	20
Isophorone	1800	0	1600	ug/Kg	89	0			76	122	20
2-Nitrophenol	1800	0	1800	ug/Kg	100	0			54	145	20
2,4-Dimethylphenol	1800	0	1600	ug/Kg	89	0			44	135	20
bis(2-Chloroethoxy)methane	1800	0	1500	ug/Kg	83	0			68	112	20
2,4-Dichlorophenol	1800	0	1700	ug/Kg	94	0			72	118	20
Naphthalene	1800	0	1500	ug/Kg	83	0			72	110	20
4-Chloroaniline	1800	0	710	ug/Kg	39	8			10	91	20
Hexachlorobutadiene	1800	0	1500	ug/Kg	83	0			66	114	20
Caprolactam	1800	0	2000	ug/Kg	111	5			51	134	20
4-Chloro-3-methylphenol	1800	0	1700	ug/Kg	94	6			57	132	20
2-Methylnaphthalene	1800	0	1600	ug/Kg	89	0			59	123	20
Hexachlorocyclopentadiene	3700	0	3200	ug/Kg	86	2			10	175	20
2,4,6-Trichlorophenol	1800	0	1700	ug/Kg	94	0			72	117	20
2,4,5-Trichlorophenol	1800	0	1700	ug/Kg	94	0			72	117	20
1,1-Biphenyl	1800	0	1500	ug/Kg	83	0			75	113	20
2-Chloronaphthalene	1800	0	1500	ug/Kg	83	0			67	118	20
2-Nitroaniline	1800	0	1800	ug/Kg	100	6			69	127	20
Dimethylphthalate	1800	0	1600	ug/Kg	89	5			70	113	20
Acenaphthylene	1800	0	1500	ug/Kg	83	7			79	118	20
2,6-Dinitrotoluene	1800	0	1900	ug/Kg	106	0			70	125	20
3-Nitroaniline	1800	0	1300	ug/Kg	72	8			30	99	20
Acenaphthene	1800	0	1700	ug/Kg	94	0			70	121	20
2,4-Dinitrophenol	3700	0	4200	ug/Kg	114	4			10	155	20
4-Nitrophenol	3700	0	4100	ug/Kg	111	7			45	133	20
Dibenzofuran	1800	0	1500	ug/Kg	83	7			72	110	20
2,4-Dinitrotoluene	1800	0	2100	ug/Kg	117	4			55	128	20
Diethylphthalate	1800	0	1600	ug/Kg	89	5			70	112	20
4-Chlorophenyl-phenylether	1800	0	1600	ug/Kg	89	0			71	108	20
Fluorene	1800	0	1500	ug/Kg	83	7			68	116	20
4-Nitroaniline	1800	0	2300	ug/Kg	128	*	4		55	120	20
4,6-Dinitro-2-methylphenol	1800	0	2000	ug/Kg	111	0			10	160	20
N-Nitrosodiphenylamine	1800	0	1500	ug/Kg	83	0			73	118	20
4-Bromophenyl-phenylether	1800	0	1500	ug/Kg	83	0			65	121	20
Hexachlorobenzene	1800	0	1500	ug/Kg	83	7			67	118	20
Atrazine	1800	0	1900	ug/Kg	106	0			79	127	20

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Pentachlorophenol	3700	0	3700	ug/Kg	100		3		47	128	20
Phenanthrene	1800	0	1500	ug/Kg	83		0		52	128	20
Anthracene	1800	0	1500	ug/Kg	83		0		62	124	20
Carbazole	1800	0	1600	ug/Kg	89		0		59	119	20
Di-n-butylphthalate	1800	0	1900	ug/Kg	106		0		69	118	20
Fluoranthene	1800	0	1700	ug/Kg	94		0		44	125	20
Pyrene	1800	0	1400	ug/Kg	78		0		26	142	20
Butylbenzylphthalate	1800	0	2000	ug/Kg	111		0		64	126	20
3,3-Dichlorobenzidine	1800	0	1400	ug/Kg	78		0		33	116	20
Benzo(a)anthracene	1800	0	1500	ug/Kg	83		7		71	114	20
Chrysene	1800	0	1600	ug/Kg	89		7		57	121	20
bis(2-Ethylhexyl)phthalate	1800	170	2100	ug/Kg	107		0		42	169	20
Di-n-octyl phthalate	1800	0	1800	ug/Kg	100		6		23	175	20
Benzo(b)fluoranthene	1800	0	1600	ug/Kg	89		12		67	121	20
Benzo(k)fluoranthene	1800	0	1700	ug/Kg	94		12		57	134	20
Benzo(a)pyrene	1800	0	1600	ug/Kg	89		5		70	142	20
Indeno(1,2,3-cd)pyrene	1800	0	1400	ug/Kg	78		8		40	129	20
Dibenz(a,h)anthracene	1800	0	1400	ug/Kg	78		8		43	123	20
Benzo(g,h,i)perylene	1800	0	1300	ug/Kg	72		7		24	125	20
1,2,4,5-Tetrachlorobenzene	1800	0	1400	ug/Kg	78		0		69	124	20
1,4-Dioxane	1800	0	1300	ug/Kg	72		0		46	112	20
2,3,4,6-Tetrachlorophenol	1800	0	1800	ug/Kg	100		6		69	112	20