

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: Q2413

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:	Q2416-01MSD	Client Sample ID:	MH-G/HMSD					DataFile:	BF142873.D		
Benzaldehyde	1100	0	650	ug/Kg	59		2		10	171	20
Phenol	1100	0	920	ug/Kg	84		2		51	122	20
bis(2-Chloroethyl)ether	1100	0	950	ug/Kg	86		1		54	125	20
2-Chlorophenol	1100	0	960	ug/Kg	87		0		51	121	20
2-Methylphenol	1100	0	970	ug/Kg	88		2		47	125	20
2,2-oxybis(1-Chloropropane)	1100	0	910	ug/Kg	83		2		46	119	20
Acetophenone	1100	0	970	ug/Kg	88		2		55	128	20
3+4-Methylphenols	1100	0	980	ug/Kg	89		2		49	125	20
N-Nitroso-di-n-propylamine	1100	0	980	ug/Kg	89		5		59	119	20
Hexachloroethane	1100	0	950	ug/Kg	86		1		51	116	20
Nitrobenzene	1100	0	960	ug/Kg	87		2		47	124	20
Isophorone	1100	0	970	ug/Kg	88		3		49	127	20
2-Nitrophenol	1100	0	1000	ug/Kg	91		1		43	131	20
2,4-Dimethylphenol	1100	0	970	ug/Kg	88		3		63	151	20
bis(2-Chloroethoxy)methane	1100	0	970	ug/Kg	88		3		51	119	20
2,4-Dichlorophenol	1100	0	970	ug/Kg	88		2		50	122	20
Naphthalene	1100	0	960	ug/Kg	87		2		51	121	20
4-Chloroaniline	1100	0	240	ug/Kg	22		10		10	100	20
Hexachlorobutadiene	1100	0	950	ug/Kg	86		1		44	126	20
Caprolactam	1100	0	1100	ug/Kg	100		9		51	134	20
4-Chloro-3-methylphenol	1100	0	1000	ug/Kg	91		3		57	132	20
2-Methylnaphthalene	1100	0	970	ug/Kg	88		3		59	123	20
Hexachlorocyclopentadiene	2200	0	1700	ug/Kg	77		0		10	175	20
2,4,6-Trichlorophenol	1100	0	920	ug/Kg	84		0		33	141	20
2,4,5-Trichlorophenol	1100	0	950	ug/Kg	86		1		38	135	20
1,1-Biphenyl	1100	0	960	ug/Kg	87		1		55	131	20
2-Chloronaphthalene	1100	0	940	ug/Kg	85		0		48	124	20
2-Nitroaniline	1100	0	1000	ug/Kg	91		0		47	134	20
Dimethylphthalate	1100	0	1000	ug/Kg	91		1		54	120	20
Acenaphthylene	1100	0	950	ug/Kg	86		1		57	125	20
2,6-Dinitrotoluene	1100	0	1000	ug/Kg	91		0		48	127	20
3-Nitroaniline	1100	0	490	ug/Kg	45		2		10	112	20
Acenaphthene	1100	0	930	ug/Kg	85		4		70	121	20
2,4-Dinitrophenol	2200	0	500	ug/Kg	23		107	*	10	155	20
4-Nitrophenol	2200	0	1800	ug/Kg	82		6		10	175	20
Dibenzofuran	1100	0	950	ug/Kg	86		1		52	114	20
2,4-Dinitrotoluene	1100	0	1000	ug/Kg	91		0		41	140	20
Diethylphthalate	1100	0	1000	ug/Kg	91		0		51	119	20
4-Chlorophenyl-phenylether	1100	0	950	ug/Kg	86		0		48	122	20
Fluorene	1100	0	960	ug/Kg	87		1		53	118	20
4-Nitroaniline	1100	0	980	ug/Kg	89		1		29	140	20
4,6-Dinitro-2-methylphenol	1100	0	400	ug/Kg	36		67	*	10	160	20
N-Nitrosodiphenylamine	1100	0	980	ug/Kg	89		1		73	118	20
4-Bromophenyl-phenylether	1100	0	1000	ug/Kg	91		2		65	121	20
Hexachlorobenzene	1100	0	970	ug/Kg	88		0		67	118	20
Atrazine	1100	0	1200	ug/Kg	109		0		45	175	20

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Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Low	Limits High	RPD
Pentachlorophenol	2200	0	1200	ug/Kg	55	42	*		13	153	20
Phenanthrene	1100	0	970	ug/Kg	88	2			52	128	20
Anthracene	1100	0	970	ug/Kg	88	2			62	124	20
Carbazole	1100	0	970	ug/Kg	88	1			59	119	20
Di-n-butylphthalate	1100	0	1200	ug/Kg	109	9			55	125	20
Fluoranthene	1100	0	950	ug/Kg	86	6			44	125	20
Pyrene	1100	0	890	ug/Kg	81	1			37	122	20
Butylbenzylphthalate	1100	0	1200	ug/Kg	109	0			44	135	20
3,3-Dichlorobenzidine	1100	0	220	ug/Kg	20	5			15	112	20
Benzo(a)anthracene	1100	0	970	ug/Kg	88	1			53	119	20
Chrysene	1100	0	970	ug/Kg	88	3			57	121	20
bis(2-Ethylhexyl)phthalate	1100	0	1000	ug/Kg	91	0			42	169	20
Di-n-octyl phthalate	1100	0	900	ug/Kg	82	4			51	156	20
Benzo(b)fluoranthene	1100	0	1100	ug/Kg	100	9			52	117	20
Benzo(k)fluoranthene	1100	0	1000	ug/Kg	91	4			57	134	20
Benzo(a)pyrene	1100	0	1000	ug/Kg	91	2			70	142	20
Indeno(1,2,3-cd)pyrene	1100	0	730	ug/Kg	66	10			40	129	20
Dibenz(a,h)anthracene	1100	0	730	ug/Kg	66	10			43	123	20
Benzo(g,h,i)perylene	1100	0	660	ug/Kg	60	11			24	125	20
1,2,4,5-Tetrachlorobenzene	1100	0	950	ug/Kg	86	1			52	134	20
1,4-Dioxane	1100	0	840	ug/Kg	76	1			46	112	20
2,3,4,6-Tetrachlorophenol	1100	0	880	ug/Kg	80	8			24	146	20