

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: Q2543

Analytical Method: SW8270E

Client: CDM Smith

DataFile: BM050396.D

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Low	Limits High	RPD
Lab Sample ID:	Q2543-02MSD	Client Sample ID:	TP-49MSD								
Benzaldehyde	2300	0	1900	ug/Kg	83		5		10	171	20
Phenol	2300	0	2000	ug/Kg	87		4		51	122	20
bis(2-Chloroethyl)ether	2300	0	1900	ug/Kg	83		5		54	125	20
2-Chlorophenol	2300	0	2000	ug/Kg	87		4		51	121	20
2-Methylphenol	2300	0	2000	ug/Kg	87		4		47	125	20
2,2-oxybis(1-Chloropropane)	2300	0	1800	ug/Kg	78		6		46	119	20
Acetophenone	2300	0	1900	ug/Kg	83		5		55	128	20
3+4-Methylphenols	2300	0	2000	ug/Kg	87		4		49	125	20
N-Nitroso-di-n-propylamine	2300	0	1900	ug/Kg	83		9		59	119	20
Hexachloroethane	2300	0	1900	ug/Kg	83		0		51	116	20
Nitrobenzene	2300	0	2000	ug/Kg	87		0		47	124	20
Isophorone	2300	0	2000	ug/Kg	87		4		49	127	20
2-Nitrophenol	2300	0	2300	ug/Kg	100		0		43	131	20
2,4-Dimethylphenol	2300	0	2100	ug/Kg	91		0		63	151	20
bis(2-Chloroethoxy)methane	2300	0	2000	ug/Kg	87		0		51	119	20
2,4-Dichlorophenol	2300	0	2100	ug/Kg	91		5		50	122	20
Naphthalene	2300	0	1900	ug/Kg	83		5		51	121	20
4-Chloroaniline	2300	0	640	ug/Kg	28		7		10	100	20
Hexachlorobutadiene	2300	0	2000	ug/Kg	87		0		44	126	20
Caprolactam	2300	0	2100	ug/Kg	91		5		51	134	20
4-Chloro-3-methylphenol	2300	0	2100	ug/Kg	91		5		57	132	20
2-Methylnaphthalene	2300	0	2000	ug/Kg	87		4		59	123	20
Hexachlorocyclopentadiene	4500	0	4200	ug/Kg	93		0		10	175	20
2,4,6-Trichlorophenol	2300	0	2200	ug/Kg	96		0		33	141	20
2,4,5-Trichlorophenol	2300	0	2200	ug/Kg	96		0		38	135	20
1,1-Biphenyl	2300	0	2000	ug/Kg	87		0		55	131	20
2-Chloronaphthalene	2300	0	2000	ug/Kg	87		0		48	124	20
2-Nitroaniline	2300	0	2200	ug/Kg	96		0		47	134	20
Dimethylphthalate	2300	0	2000	ug/Kg	87		4		54	120	20
Acenaphthylene	2300	0	2100	ug/Kg	91		0		57	125	20
2,6-Dinitrotoluene	2300	0	2200	ug/Kg	96		0		48	127	20
3-Nitroaniline	2300	0	940	ug/Kg	41		5		10	112	20
Acenaphthene	2300	0	2100	ug/Kg	91		5		70	121	20
2,4-Dinitrophenol	4500	0	3500	ug/Kg	78		5		10	155	20
4-Nitrophenol	4500	0	4300	ug/Kg	96		6		10	175	20
Dibenzofuran	2300	0	2000	ug/Kg	87		0		52	114	20
2,4-Dinitrotoluene	2300	0	2000	ug/Kg	87		4		41	140	20
Diethylphthalate	2300	0	2000	ug/Kg	87		4		51	119	20
4-Chlorophenyl-phenylether	2300	0	2000	ug/Kg	87		4		48	122	20
Fluorene	2300	0	2000	ug/Kg	87		4		53	118	20
4-Nitroaniline	2300	0	1800	ug/Kg	78		6		29	140	20
4,6-Dinitro-2-methylphenol	2300	0	1900	ug/Kg	83		0		10	160	20
N-Nitrosodiphenylamine	2300	0	2100	ug/Kg	91		0		73	118	20
4-Bromophenyl-phenylether	2300	0	2200	ug/Kg	96		0		65	121	20
Hexachlorobenzene	2300	0	2100	ug/Kg	91		0		67	118	20
Atrazine	2300	0	2200	ug/Kg	96		4		45	175	20

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: Q2543

Analytical Method: SW8270E

Client: CDM Smith

DataFile: BM050396.D

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Low	Limits High	RPD
Pentachlorophenol	4500	0	4500	ug/Kg	100		2		13	153	20
Phenanthrene	2300	0	2000	ug/Kg	87		4		52	128	20
Anthracene	2300	0	2100	ug/Kg	91		0		62	124	20
Carbazole	2300	0	2000	ug/Kg	87		4		59	119	20
Di-n-butylphthalate	2300	0	2200	ug/Kg	96		4		55	125	20
Fluoranthene	2300	310	2200	ug/Kg	82		10		44	125	20
Pyrene	2300	250	2600	ug/Kg	102		5		37	122	20
Butylbenzylphthalate	2300	0	2600	ug/Kg	113		3		44	135	20
3,3-Dichlorobenzidine	2300	0	1100	ug/Kg	48		11		15	112	20
Benzo(a)anthracene	2300	150	2200	ug/Kg	89		4		53	119	20
Chrysene	2300	170	2200	ug/Kg	88		0		57	121	20
bis(2-Ethylhexyl)phthalate	2300	0	2400	ug/Kg	104		8		42	169	20
Di-n-octyl phthalate	2300	0	2400	ug/Kg	104		0		51	156	20
Benzo(b)fluoranthene	2300	250	2300	ug/Kg	89		4		52	117	20
Benzo(k)fluoranthene	2300	92.6	2200	ug/Kg	92		0		57	134	20
Benzo(a)pyrene	2300	170	2300	ug/Kg	93		0		70	142	20
Indeno(1,2,3-cd)pyrene	2300	0	2200	ug/Kg	96		5		40	129	20
Dibenz(a,h)anthracene	2300	0	2100	ug/Kg	91		4		43	123	20
Benzo(g,h,i)perylene	2300	96.1	2200	ug/Kg	91		4		24	125	20
1,2,4,5-Tetrachlorobenzene	2300	0	2100	ug/Kg	91		0		52	134	20
1,4-Dioxane	2300	0	1600	ug/Kg	70		0		46	112	20
2,3,4,6-Tetrachlorophenol	2300	0	2200	ug/Kg	96		4		24	146	20