

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: Q2436

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:	Q2430-01MSD	Client Sample ID:	MH-E/FMSD					DataFile:	BF142922.D		
Benzaldehyde	1100	0	650	ug/Kg	59	2			10	171	20
Phenol	1100	0	940	ug/Kg	85	0			51	122	20
bis(2-Chloroethyl)ether	1100	0	980	ug/Kg	89	1			54	125	20
2-Chlorophenol	1100	0	990	ug/Kg	90	1			51	121	20
2-Methylphenol	1100	0	980	ug/Kg	89	2			47	125	20
2,2-oxybis(1-Chloropropane)	1100	0	910	ug/Kg	83	1			46	119	20
Acetophenone	1100	0	1000	ug/Kg	91	1			55	128	20
3+4-Methylphenols	1100	0	1000	ug/Kg	91	0			49	125	20
N-Nitroso-di-n-propylamine	1100	0	990	ug/Kg	90	1			59	119	20
Hexachloroethane	1100	0	990	ug/Kg	90	0			51	116	20
Nitrobenzene	1100	0	970	ug/Kg	88	1			47	124	20
Isophorone	1100	0	980	ug/Kg	89	2			49	127	20
2-Nitrophenol	1100	0	1000	ug/Kg	91	9			43	131	20
2,4-Dimethylphenol	1100	0	970	ug/Kg	88	3			63	151	20
bis(2-Chloroethoxy)methane	1100	0	980	ug/Kg	89	2			51	119	20
2,4-Dichlorophenol	1100	0	990	ug/Kg	90	1			50	122	20
Naphthalene	1100	0	980	ug/Kg	89	0			51	121	20
4-Chloroaniline	1100	0	340	ug/Kg	31	48	*		10	100	20
Hexachlorobutadiene	1100	0	990	ug/Kg	90	0			44	126	20
Caprolactam	1100	0	1100	ug/Kg	100	9			51	134	20
4-Chloro-3-methylphenol	1100	0	1000	ug/Kg	91	9			57	132	20
2-Methylnaphthalene	1100	0	980	ug/Kg	89	2			59	123	20
Hexachlorocyclopentadiene	2300	0	1800	ug/Kg	78	5			10	175	20
2,4,6-Trichlorophenol	1100	0	970	ug/Kg	88	0			33	141	20
2,4,5-Trichlorophenol	1100	0	960	ug/Kg	87	2			38	135	20
1,1-Biphenyl	1100	0	990	ug/Kg	90	5			55	131	20
2-Chloronaphthalene	1100	0	980	ug/Kg	89	5			48	124	20
2-Nitroaniline	1100	0	1000	ug/Kg	91	0			47	134	20
Dimethylphthalate	1100	0	1000	ug/Kg	91	9			54	120	20
Acenaphthylene	1100	0	980	ug/Kg	89	2			57	125	20
2,6-Dinitrotoluene	1100	0	1000	ug/Kg	91	9			48	127	20
3-Nitroaniline	1100	0	550	ug/Kg	50	2			10	112	20
Acenaphthene	1100	0	1000	ug/Kg	91	1			70	121	20
2,4-Dinitrophenol	2300	0	1500	ug/Kg	65	13			10	155	20
4-Nitrophenol	2300	0	1900	ug/Kg	83	19			10	175	20
Dibenzofuran	1100	0	980	ug/Kg	89	2			52	114	20
2,4-Dinitrotoluene	1100	0	1000	ug/Kg	91	9			41	140	20
Diethylphthalate	1100	0	1100	ug/Kg	100	0			51	119	20
4-Chlorophenyl-phenylether	1100	0	990	ug/Kg	90	1			48	122	20
Fluorene	1100	0	990	ug/Kg	90	0			53	118	20
4-Nitroaniline	1100	0	990	ug/Kg	90	19			29	140	20
4,6-Dinitro-2-methylphenol	1100	0	940	ug/Kg	85	14			10	160	20
N-Nitrosodiphenylamine	1100	0	1000	ug/Kg	91	7			73	118	20
4-Bromophenyl-phenylether	1100	0	1000	ug/Kg	91	4			65	121	20
Hexachlorobenzene	1100	0	1000	ug/Kg	91	6			67	118	20
Atrazine	1100	0	1200	ug/Kg	109	0			45	175	20

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: Q2436

Client: CDM Smith

Analytical Method: SW8270E

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Low	Limits High	RPD
Pentachlorophenol	2300	0	1800	ug/Kg	78		0		13	153	20
Phenanthrene	1100	0	1000	ug/Kg	91		4		52	128	20
Anthracene	1100	0	1000	ug/Kg	91		4		62	124	20
Carbazole	1100	0	1000	ug/Kg	91		9		59	119	20
Di-n-butylphthalate	1100	0	1200	ug/Kg	109		0		55	125	20
Fluoranthene	1100	0	1000	ug/Kg	91		9		44	125	20
Pyrene	1100	0	950	ug/Kg	86		0		37	122	20
Butylbenzylphthalate	1100	0	1200	ug/Kg	109		15		44	135	20
3,3-Dichlorobenzidine	1100	0	340	ug/Kg	31		14		15	112	20
Benzo(a)anthracene	1100	0	980	ug/Kg	89		2		53	119	20
Chrysene	1100	0	1000	ug/Kg	91		1		57	121	20
bis(2-Ethylhexyl)phthalate	1100	0	1200	ug/Kg	109		0		42	169	20
Di-n-octyl phthalate	1100	0	1000	ug/Kg	91		4		51	156	20
Benzo(b)fluoranthene	1100	0	1100	ug/Kg	100		9		52	117	20
Benzo(k)fluoranthene	1100	0	950	ug/Kg	86		6		57	134	20
Benzo(a)pyrene	1100	0	1000	ug/Kg	91		0		70	142	20
Indeno(1,2,3-cd)pyrene	1100	0	920	ug/Kg	84		27	*	40	129	20
Dibenz(a,h)anthracene	1100	0	910	ug/Kg	83		24	*	43	123	20
Benzo(g,h,i)perylene	1100	0	890	ug/Kg	81		38	*	24	125	20
1,2,4,5-Tetrachlorobenzene	1100	0	990	ug/Kg	90		6		52	134	20
1,4-Dioxane	1100	0	840	ug/Kg	76		1		46	112	20
2,3,4,6-Tetrachlorophenol	1100	0	970	ug/Kg	88		3		24	146	20