

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: Q2176

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:	Q2159-01MSD	Client Sample ID:	TP05-MHO-WCMSD					DataFile:	BF142606.D		
Benzaldehyde	1200	0	840	ug/Kg	70	6			10	171	20
Phenol	1200	0	990	ug/Kg	83	0			51	122	20
bis(2-Chloroethyl)ether	1200	0	1000	ug/Kg	83	10			54	125	20
2-Chlorophenol	1200	0	1000	ug/Kg	83	10			51	121	20
2-Methylphenol	1200	0	1000	ug/Kg	83	0			47	125	20
2,2-oxybis(1-Chloropropane)	1200	0	1000	ug/Kg	83	10			46	119	20
Acetophenone	1200	0	1000	ug/Kg	83	10			55	128	20
3+4-Methylphenols	1200	0	960	ug/Kg	80	4			49	125	20
N-Nitroso-di-n-propylamine	1200	0	950	ug/Kg	79	5			59	119	20
Hexachloroethane	1200	0	1000	ug/Kg	83	0			51	116	20
Nitrobenzene	1200	0	1100	ug/Kg	92	0			47	124	20
Isophorone	1200	0	1000	ug/Kg	83	10			49	127	20
2-Nitrophenol	1200	0	1100	ug/Kg	92	0			43	131	20
2,4-Dimethylphenol	1200	0	980	ug/Kg	82	1			63	151	20
bis(2-Chloroethoxy)methane	1200	0	1000	ug/Kg	83	10			51	119	20
2,4-Dichlorophenol	1200	0	1000	ug/Kg	83	10			50	122	20
Naphthalene	1200	0	1000	ug/Kg	83	10			51	121	20
4-Chloroaniline	1200	0	240	ug/Kg	20	18			10	100	20
Hexachlorobutadiene	1200	0	1000	ug/Kg	83	10			44	126	20
Caprolactam	1200	0	1100	ug/Kg	92	0			51	134	20
4-Chloro-3-methylphenol	1200	0	970	ug/Kg	81	2			57	132	20
2-Methylnaphthalene	1200	0	1000	ug/Kg	83	10			59	123	20
Hexachlorocyclopentadiene	2400	0	1900	ug/Kg	79	0			10	175	20
2,4,6-Trichlorophenol	1200	0	1100	ug/Kg	92	0			33	141	20
2,4,5-Trichlorophenol	1200	0	1000	ug/Kg	83	10			38	135	20
1,1-Biphenyl	1200	0	1100	ug/Kg	92	0			55	131	20
2-Chloronaphthalene	1200	0	1100	ug/Kg	92	0			48	124	20
2-Nitroaniline	1200	0	1100	ug/Kg	92	0			47	134	20
Dimethylphthalate	1200	0	1100	ug/Kg	92	0			54	120	20
Acenaphthylene	1200	0	1100	ug/Kg	92	0			57	125	20
2,6-Dinitrotoluene	1200	0	1100	ug/Kg	92	0			48	127	20
3-Nitroaniline	1200	0	480	ug/Kg	40	7			10	112	20
Acenaphthene	1200	0	1100	ug/Kg	92	8			70	121	20
2,4-Dinitrophenol	2400	0	1900	ug/Kg	79	5			10	155	20
4-Nitrophenol	2400	0	1900	ug/Kg	79	11			10	175	20
Dibenzofuran	1200	0	1000	ug/Kg	83	10			52	114	20
2,4-Dinitrotoluene	1200	0	1100	ug/Kg	92	0			41	140	20
Diethylphthalate	1200	0	1000	ug/Kg	83	10			51	119	20
4-Chlorophenyl-phenylether	1200	0	1000	ug/Kg	83	10			48	122	20
Fluorene	1200	0	1000	ug/Kg	83	10			53	118	20
4-Nitroaniline	1200	0	940	ug/Kg	78	6			29	140	20
4,6-Dinitro-2-methylphenol	1200	0	1100	ug/Kg	92	0			10	160	20
N-Nitrosodiphenylamine	1200	0	1200	ug/Kg	100	0			73	118	20
4-Bromophenyl-phenylether	1200	0	1200	ug/Kg	100	0			65	121	20
Hexachlorobenzene	1200	0	1100	ug/Kg	92	0			67	118	20
Atrazine	1200	0	1200	ug/Kg	100	8			45	175	20

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Pentachlorophenol	2400	0	2000	ug/Kg	83		6		13	153	20
Phenanthrene	1200	0	1100	ug/Kg	92		0		52	128	20
Anthracene	1200	0	1100	ug/Kg	92		0		62	124	20
Carbazole	1200	0	1100	ug/Kg	92		0		59	119	20
Di-n-butylphthalate	1200	0	1200	ug/Kg	100		0		55	125	20
Fluoranthene	1200	0	1000	ug/Kg	83		10		44	125	20
Pyrene	1200	0	780	ug/Kg	65		7		37	122	20
Butylbenzylphthalate	1200	0	1100	ug/Kg	92		8		44	135	20
3,3-Dichlorobenzidine	1200	0	660	ug/Kg	55		6		15	112	20
Benzo(a)anthracene	1200	0	1100	ug/Kg	92		0		53	119	20
Chrysene	1200	0	1100	ug/Kg	92		0		57	121	20
bis(2-Ethylhexyl)phthalate	1200	0	1200	ug/Kg	100		8		42	169	20
Di-n-octyl phthalate	1200	0	1200	ug/Kg	100		0		51	156	20
Benzo(b)fluoranthene	1200	0	1000	ug/Kg	83		19		52	117	20
Benzo(k)fluoranthene	1200	0	1100	ug/Kg	92		0		57	134	20
Benzo(a)pyrene	1200	0	1100	ug/Kg	92		0		70	142	20
Indeno(1,2,3-cd)pyrene	1200	0	870	ug/Kg	73		7		40	129	20
Dibenz(a,h)anthracene	1200	0	890	ug/Kg	74		5		43	123	20
Benzo(g,h,i)perylene	1200	0	800	ug/Kg	67		7		24	125	20
1,2,4,5-Tetrachlorobenzene	1200	0	1100	ug/Kg	92		8		52	134	20
1,4-Dioxane	1200	0	970	ug/Kg	81		2		46	112	20
2,3,4,6-Tetrachlorophenol	1200	0	980	ug/Kg	82		1		24	146	20