

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: Q2514

Analytical Method: SW8270E

Client: CDM Smith

DataFile: BF143033.D

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Low	Limits High	RPD
Lab Sample ID:	Q2514-08MSD	Client Sample ID:	TP-78MSD								
Benzaldehyde	1900	0	1700	ug/Kg	89	7			10	171	20
Phenol	1900	0	1600	ug/Kg	84	6			51	122	20
bis(2-Chloroethyl)ether	1900	0	1700	ug/Kg	89	7			54	125	20
2-Chlorophenol	1900	0	1700	ug/Kg	89	7			51	121	20
2-Methylphenol	1900	0	1600	ug/Kg	84	12			47	125	20
2,2-oxybis(1-Chloropropane)	1900	0	1500	ug/Kg	79	6			46	119	20
Acetophenone	1900	0	1700	ug/Kg	89	7			55	128	20
3+4-Methylphenols	1900	0	1700	ug/Kg	89	7			49	125	20
N-Nitroso-di-n-propylamine	1900	0	1600	ug/Kg	84	12			59	119	20
Hexachloroethane	1900	0	1700	ug/Kg	89	7			51	116	20
Nitrobenzene	1900	0	1600	ug/Kg	84	6			47	124	20
Isophorone	1900	0	1600	ug/Kg	84	6			49	127	20
2-Nitrophenol	1900	0	1700	ug/Kg	89	7			43	131	20
2,4-Dimethylphenol	1900	0	1600	ug/Kg	84	6			63	151	20
bis(2-Chloroethoxy)methane	1900	0	1700	ug/Kg	89	7			51	119	20
2,4-Dichlorophenol	1900	0	1600	ug/Kg	84	12			50	122	20
Naphthalene	1900	0	1700	ug/Kg	89	7			51	121	20
4-Chloroaniline	1900	0	1200	ug/Kg	63	8			10	100	20
Hexachlorobutadiene	1900	0	1700	ug/Kg	89	7			44	126	20
Caprolactam	1900	0	1300	ug/Kg	68	8			51	134	20
4-Chloro-3-methylphenol	1900	0	1600	ug/Kg	84	6			57	132	20
2-Methylnaphthalene	1900	0	1700	ug/Kg	89	7			59	123	20
Hexachlorocyclopentadiene	3900	0	2800	ug/Kg	72	7			10	175	20
2,4,6-Trichlorophenol	1900	0	1600	ug/Kg	84	6			33	141	20
2,4,5-Trichlorophenol	1900	0	1600	ug/Kg	84	6			38	135	20
1,1-Biphenyl	1900	0	1700	ug/Kg	89	12			55	131	20
2-Chloronaphthalene	1900	0	1700	ug/Kg	89	12			48	124	20
2-Nitroaniline	1900	0	1700	ug/Kg	89	7			47	134	20
Dimethylphthalate	1900	0	1700	ug/Kg	89	7			54	120	20
Acenaphthylene	1900	0	1700	ug/Kg	89	7			57	125	20
2,6-Dinitrotoluene	1900	0	1700	ug/Kg	89	7			48	127	20
3-Nitroaniline	1900	0	1300	ug/Kg	68	8			10	112	20
Acenaphthene	1900	0	1700	ug/Kg	89	7			70	121	20
2,4-Dinitrophenol	3900	0	1500	ug/Kg	38	8			10	155	20
4-Nitrophenol	3900	0	2300	ug/Kg	59	5			10	175	20
Dibenzofuran	1900	0	1700	ug/Kg	89	7			52	114	20
2,4-Dinitrotoluene	1900	0	1600	ug/Kg	84	12			41	140	20
Diethylphthalate	1900	0	1700	ug/Kg	89	7			51	119	20
4-Chlorophenyl-phenylether	1900	0	1700	ug/Kg	89	7			48	122	20
Fluorene	1900	0	1700	ug/Kg	89	7			53	118	20
4-Nitroaniline	1900	0	1600	ug/Kg	84	6			29	140	20
4,6-Dinitro-2-methylphenol	1900	0	1300	ug/Kg	68	8			10	160	20
N-Nitrosodiphenylamine	1900	0	1800	ug/Kg	95	5			73	118	20
4-Bromophenyl-phenylether	1900	0	1800	ug/Kg	95	10			65	121	20
Hexachlorobenzene	1900	0	1800	ug/Kg	95	5			67	118	20
Atrazine	1900	0	1800	ug/Kg	95	5			45	175	20

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Pentachlorophenol	3900	0	1900	ug/Kg	49		10		13	153	20
Phenanthrene	1900	0	1700	ug/Kg	89		12		52	128	20
Anthracene	1900	0	1700	ug/Kg	89		7		62	124	20
Carbazole	1900	0	1700	ug/Kg	89		7		59	119	20
Di-n-butylphthalate	1900	0	1900	ug/Kg	100		5		55	125	20
Fluoranthene	1900	0	1600	ug/Kg	84		6		44	125	20
Pyrene	1900	0	1300	ug/Kg	68		0		37	122	20
Butylbenzylphthalate	1900	0	1800	ug/Kg	95		5		44	135	20
3,3-Dichlorobenzidine	1900	0	1400	ug/Kg	74		0		15	112	20
Benzo(a)anthracene	1900	0	1700	ug/Kg	89		7		53	119	20
Chrysene	1900	0	1800	ug/Kg	95		5		57	121	20
bis(2-Ethylhexyl)phthalate	1900	0	1800	ug/Kg	95		5		42	169	20
Di-n-octyl phthalate	1900	0	1800	ug/Kg	95		5		51	156	20
Benzo(b)fluoranthene	1900	0	1900	ug/Kg	100		0		52	117	20
Benzo(k)fluoranthene	1900	0	1800	ug/Kg	95		5		57	134	20
Benzo(a)pyrene	1900	0	1800	ug/Kg	95		5		70	142	20
Indeno(1,2,3-cd)pyrene	1900	0	1400	ug/Kg	74		7		40	129	20
Dibenz(a,h)anthracene	1900	0	1400	ug/Kg	74		7		43	123	20
Benzo(g,h,i)perylene	1900	0	1300	ug/Kg	68		8		24	125	20
1,2,4,5-Tetrachlorobenzene	1900	0	1800	ug/Kg	95		5		52	134	20
1,4-Dioxane	1900	0	1300	ug/Kg	68		8		46	112	20
2,3,4,6-Tetrachlorophenol	1900	0	1300	ug/Kg	68		8		24	146	20