

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: Q3740

Analytical Method: SW8270E

Client: G Environmental

DataFile: BF144393.D

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Low	Limits High	RPD
Lab Sample ID:	Q3735-01MSD	Client Sample ID:	BU-3-112625MSD								
Benzaldehyde	1200	0	810	ug/Kg	68		3		20	111	20
Phenol	1200	0	970	ug/Kg	81		2		51	122	20
bis(2-Chloroethyl)ether	1200	0	1100	ug/Kg	92		0		67	110	20
2-Chlorophenol	1200	0	1000	ug/Kg	83		0		67	119	20
2-Methylphenol	1200	0	950	ug/Kg	79		3		68	116	20
2,2-oxybis(1-Chloropropane)	1200	0	1100	ug/Kg	92		0		59	113	20
Acetophenone	1200	0	1200	ug/Kg	100		0		55	128	20
3+4-Methylphenols	1200	0	970	ug/Kg	81		0		70	111	20
N-Nitroso-di-n-propylamine	1200	0	1000	ug/Kg	83		0		59	119	20
Hexachloroethane	1200	0	980	ug/Kg	82		1		65	115	20
Nitrobenzene	1200	0	1100	ug/Kg	92		0		66	120	20
Isophorone	1200	0	1100	ug/Kg	92		0		67	113	20
2-Nitrophenol	1200	0	1200	ug/Kg	100		8		69	135	16
2,4-Dimethylphenol	1200	0	1200	ug/Kg	100		0		63	151	20
bis(2-Chloroethoxy)methane	1200	0	1100	ug/Kg	92		8		70	112	20
2,4-Dichlorophenol	1200	0	1000	ug/Kg	83		0		70	121	20
Naphthalene	1200	0	1100	ug/Kg	92		0		66	113	20
4-Chloroaniline	1200	0	360	ug/Kg	30		14		10	100	25
Hexachlorobutadiene	1200	0	1000	ug/Kg	83		10		67	118	16
Caprolactam	1200	0	1000	ug/Kg	83		0		51	134	25
4-Chloro-3-methylphenol	1200	0	950	ug/Kg	79		1		71	118	20
2-Methylnaphthalene	1200	0	930	ug/Kg	78		0		59	123	20
Hexachlorocyclopentadiene	2300	0	800	ug/Kg	35		21	*	16	175	20
2,4,6-Trichlorophenol	1200	0	1000	ug/Kg	83		10		67	128	16
2,4,5-Trichlorophenol	1200	0	1000	ug/Kg	83		10		69	123	16
1,1-Biphenyl	1200	0	1100	ug/Kg	92		8		69	126	20
2-Chloronaphthalene	1200	0	1100	ug/Kg	92		0		71	113	20
2-Nitroaniline	1200	0	1100	ug/Kg	92		0		73	125	16
Dimethylphthalate	1200	0	1100	ug/Kg	92		8		72	116	20
Acenaphthylene	1200	0	1200	ug/Kg	100		8		69	128	15
2,6-Dinitrotoluene	1200	0	1200	ug/Kg	100		0		67	141	20
3-Nitroaniline	1200	0	770	ug/Kg	64		5		28	102	20
Acenaphthene	1200	0	980	ug/Kg	82		1		70	121	16
2,4-Dinitrophenol	2300	0	900	ug/Kg	39		38	*	10	164	30
4-Nitrophenol	2300	0	2300	ug/Kg	100		4		49	133	20
Dibenzofuran	1200	0	1100	ug/Kg	92		0		71	111	20
2,4-Dinitrotoluene	1200	0	1200	ug/Kg	100		0		73	130	20
Diethylphthalate	1200	0	1100	ug/Kg	92		8		73	116	20
4-Chlorophenyl-phenylether	1200	0	1000	ug/Kg	83		10		72	112	20
Fluorene	1200	0	1200	ug/Kg	100		0		67	114	20
4-Nitroaniline	1200	0	1100	ug/Kg	92		0		61	128	20
4,6-Dinitro-2-methylphenol	1200	0	520	ug/Kg	43		19		25	163	30
N-Nitrosodiphenylamine	1200	0	1000	ug/Kg	83		10		73	118	20
4-Bromophenyl-phenylether	1200	0	960	ug/Kg	80		4		65	121	20
Hexachlorobenzene	1200	0	1000	ug/Kg	83		0		67	118	20
Atrazine	1200	0	1200	ug/Kg	100		0		79	127	20

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Pentachlorophenol	2300	0	2300	ug/Kg	100		4		39	145	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	1200	ug/Kg	100		0		73	115	20
Di-n-butylphthalate	1200	0	1300	ug/Kg	108		0		72	129	20
Fluoranthene	1200	0	1400	ug/Kg	117		0		31	152	20
Pyrene	1200	0	1000	ug/Kg	83		4		37	122	27
Butylbenzylphthalate	1200	0	1200	ug/Kg	100		0		59	151	20
3,3-Dichlorobenzidine	1200	0	820	ug/Kg	68		8		10	116	20
Benzo(a)anthracene	1200	0	1200	ug/Kg	100		0		53	119	20
Chrysene	1200	0	1100	ug/Kg	92		0		57	121	20
bis(2-Ethylhexyl)phthalate	1200	0	1300	ug/Kg	108		0		64	139	20
Di-n-octyl phthalate	1200	0	1200	ug/Kg	100		0		51	156	20
Benzo(b)fluoranthene	1200	0	1300	ug/Kg	108		8		52	117	20
Benzo(k)fluoranthene	1200	0	1300	ug/Kg	108		0		57	134	20
Benzo(a)pyrene	1200	0	1200	ug/Kg	100		0		70	142	20
Indeno(1,2,3-cd)pyrene	1200	0	890	ug/Kg	74		1		48	129	20
Dibenz(a,h)anthracene	1200	0	900	ug/Kg	75		0		43	123	20
Benzo(g,h,i)perylene	1200	0	890	ug/Kg	74		1		40	133	20
1,2,4,5-Tetrachlorobenzene	1200	0	1100	ug/Kg	92		8		65	132	20
2,3,4,6-Tetrachlorophenol	1200	0	1100	ug/Kg	92		0		56	141	20