

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: Q3725

Analytical Method: SW8270E

Client: Roman E&G Corp

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									
n-Nitrosodimethylamine	1200	0	1200	ug/Kg	100		0		20 (66)	160 (124)	30 (20)
Benzaldehyde	1200	0	810	ug/Kg	68		3		20 (20)	160 (111)	30 (20)
Phenol	1200	0	970	ug/Kg	81		2		20 (51)	160 (122)	30 (20)
bis(2-Chloroethyl)ether	1200	0	1100	ug/Kg	92		0		70 (67)	130 (110)	30 (20)
2-Chlorophenol	1200	0	1000	ug/Kg	83		0		70 (67)	130 (119)	30 (20)
2-Methylphenol	1200	0	950	ug/Kg	79		3		70 (68)	130 (116)	30 (20)
2,2-oxybis(1-Chloropropane)	1200	0	1100	ug/Kg	92		0		70 (59)	130 (113)	30 (20)
Acetophenone	1200	0	1200	ug/Kg	100		0		70 (55)	130 (128)	30 (20)
3+4-Methylphenols	1200	0	970	ug/Kg	81		0		20 (70)	160 (111)	30 (20)
N-Nitroso-di-n-propylamine	1200	0	1000	ug/Kg	83		0		70 (59)	130 (119)	30 (20)
Hexachloroethane	1200	0	980	ug/Kg	82		1		20 (65)	160 (115)	30 (20)
Nitrobenzene	1200	0	1100	ug/Kg	92		0		70 (66)	130 (120)	30 (20)
Isophorone	1200	0	1100	ug/Kg	92		0		70 (67)	130 (113)	30 (20)
2,4-Dimethylphenol	1200	0	1200	ug/Kg	100		0		70 (63)	130 (151)	30 (20)
2,4-Dichlorophenol	1200	0	1000	ug/Kg	83		0		70 (70)	130 (121)	30 (20)
Naphthalene	1200	0	1100	ug/Kg	92		0		70 (66)	130 (113)	30 (20)
Hexachlorobutadiene	1200	0	1000	ug/Kg	83		10		70 (67)	130 (118)	30 (16)
Caprolactam	1200	0	1000	ug/Kg	83		0		20 (51)	160 (134)	30 (25)
2-Methylnaphthalene	1200	0	930	ug/Kg	78		0		70 (59)	130 (123)	30 (20)
Hexachlorocyclopentadiene	2300	0	800	ug/Kg	35		21		20 (16)	160 (175)	30 (20)
2,4,6-Trichlorophenol	1200	0	1000	ug/Kg	83		10		70 (67)	130 (128)	30 (16)
2,4,5-Trichlorophenol	1200	0	1000	ug/Kg	83		10		70 (69)	130 (123)	30 (16)
1,1-Biphenyl	1200	0	1100	ug/Kg	92		8		70 (69)	130 (126)	30 (20)
2-Nitroaniline	1200	0	1100	ug/Kg	92		0		70 (73)	130 (125)	30 (16)
Acenaphthylene	1200	0	1200	ug/Kg	100		8		70 (69)	130 (128)	30 (15)
2,6-Dinitrotoluene	1200	0	1200	ug/Kg	100		0		70 (67)	130 (141)	30 (20)
Acenaphthene	1200	0	980	ug/Kg	82		1		70 (70)	130 (121)	30 (16)
2,4-Dinitrophenol	2300	0	900	ug/Kg	39		38	*	20 (10)	160 (164)	30 (30)
2,4-Dinitrotoluene	1200	0	1200	ug/Kg	100		0		70 (73)	130 (130)	30 (20)
Diethylphthalate	1200	0	1100	ug/Kg	92		8		70 (73)	130 (116)	30 (20)
Fluorene	1200	0	1200	ug/Kg	100		0		70 (67)	130 (114)	30 (20)
4,6-Dinitro-2-methylphenol	1200	0	520	ug/Kg	43	*	19		70 (25)	130 (163)	30 (30)
N-Nitrosodiphenylamine	1200	0	1000	ug/Kg	83		10		70 (73)	130 (118)	30 (20)
Azobenzene	1200	0	1200	ug/Kg	100		0		70 (73)	130 (110)	30 (20)
Hexachlorobenzene	1200	0	1000	ug/Kg	83		0		70 (67)	130 (118)	30 (20)
Atrazine	1200	0	1200	ug/Kg	100		0		70 (79)	130 (127)	30 (20)
Pentachlorophenol	2300	0	2300	ug/Kg	100		4		20 (39)	160 (145)	30 (20)
Phenanthrene	1200	0	1100	ug/Kg	92		0		70 (52)	130 (128)	30 (20)
Anthracene	1200	0	1100	ug/Kg	92		0		70 (62)	130 (124)	30 (20)
Carbazole	1200	0	1200	ug/Kg	100		0		70 (73)	130 (115)	30 (20)
Di-n-butylphthalate	1200	0	1300	ug/Kg	108		0		70 (72)	130 (129)	30 (20)
Fluoranthene	1200	0	1400	ug/Kg	117		0		70 (31)	130 (152)	30 (20)
Benzidine	2300	0	1100	ug/Kg	48		11		20 (10)	160 (119)	30 (20)
Pyrene	1200	0	1000	ug/Kg	83		4		70 (37)	130 (122)	30 (27)
Butylbenzylphthalate	1200	0	1200	ug/Kg	100		0		70 (59)	130 (151)	30 (20)
3,3-Dichlorobenzidine	1200	0	820	ug/Kg	68	*	8		70 (10)	130 (116)	30 (20)

() = LABORATORY INHOUSE LIMIT

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Benzo(a)anthracene	1200	0	1200	ug/Kg	100		0		70 (53)	130 (119)	30 (20)
Chrysene	1200	0	1100	ug/Kg	92		0		70 (57)	130 (121)	30 (20)
bis(2-Ethylhexyl)phthalate	1200	0	1300	ug/Kg	108		0		70 (64)	130 (139)	30 (20)
Di-n-octyl phthalate	1200	0	1200	ug/Kg	100		0		70 (51)	130 (156)	30 (20)
Benzo(b)fluoranthene	1200	0	1300	ug/Kg	108		8		70 (52)	130 (117)	30 (20)
Benzo(k)fluoranthene	1200	0	1300	ug/Kg	108		0		70 (57)	130 (134)	30 (20)
Benzo(a)pyrene	1200	0	1200	ug/Kg	100		0		70 (70)	130 (142)	30 (20)
Indeno(1,2,3-cd)pyrene	1200	0	890	ug/Kg	74		1		70 (48)	130 (129)	30 (20)
Dibenz(a,h)anthracene	1200	0	900	ug/Kg	75		0		70 (43)	130 (123)	30 (20)
Benzo(g,h,i)perylene	1200	0	890	ug/Kg	74		1		70 (40)	130 (133)	30 (20)