

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: Q1415

Client: Portal Partners Tri-Venture

Analytical Method: SW8270E

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Low	Limits High	RPD
Lab Sample ID: Q1421-02MS		Client Sample ID: P001-CLAY-CF01-01MS		DataFile: BF141762.D							
Benzaldehyde	2400	0	1300	ug/Kg	54				20 (10)	160 (86)	
Phenol	2400	0	2100	ug/Kg	88				20 (67)	160 (126)	
bis(2-Chloroethyl)ether	2400	0	2100	ug/Kg	88				70 (54)	130 (125)	
2-Chlorophenol	2400	0	2100	ug/Kg	88				70 (79)	130 (107)	
2-Methylphenol	2400	0	2100	ug/Kg	88				70 (66)	130 (122)	
2,2-oxybis(1-Chloropropane)	2400	0	1900	ug/Kg	79				70 (65)	130 (110)	
Acetophenone	2400	0	2200	ug/Kg	92				70 (75)	130 (111)	
3+4-Methylphenols	2400	0	2200	ug/Kg	92				20 (66)	160 (104)	
N-Nitroso-di-n-propylamine	2400	0	2000	ug/Kg	83				70 (59)	130 (119)	
Hexachloroethane	2400	0	2100	ug/Kg	88				20 (65)	160 (117)	
Nitrobenzene	2400	0	2000	ug/Kg	83				70 (70)	130 (119)	
Isophorone	2400	0	2200	ug/Kg	92				70 (76)	130 (122)	
2-Nitrophenol	2400	0	2200	ug/Kg	92				70 (54)	130 (145)	
2,4-Dimethylphenol	2400	0	2700	ug/Kg	113				70 (44)	130 (135)	
bis(2-Chloroethoxy)methane	2400	0	2100	ug/Kg	88				70 (68)	130 (112)	
2,4-Dichlorophenol	2400	0	2100	ug/Kg	88				70 (72)	130 (118)	
Naphthalene	2400	0	2000	ug/Kg	83				70 (72)	130 (110)	
4-Chloroaniline	2400	0	850	ug/Kg	35	*			70 (10)	130 (91)	
Hexachlorobutadiene	2400	0	2100	ug/Kg	88				70 (66)	130 (114)	
Caprolactam	2400	0	2200	ug/Kg	92				20 (51)	160 (134)	
4-Chloro-3-methylphenol	2400	0	2000	ug/Kg	83				70 (57)	130 (132)	
2-Methylnaphthalene	2400	0	2000	ug/Kg	83				70 (59)	130 (123)	
Hexachlorocyclopentadiene	4700	0	6200	ug/Kg	132				20 (10)	160 (175)	
2,4,6-Trichlorophenol	2400	0	2000	ug/Kg	83				70 (72)	130 (117)	
2,4,5-Trichlorophenol	2400	0	2000	ug/Kg	83				70 (72)	130 (117)	
1,1-Biphenyl	2400	0	2300	ug/Kg	96				70 (75)	130 (113)	
2-Chloronaphthalene	2400	0	2100	ug/Kg	88				70 (67)	130 (118)	
2-Nitroaniline	2400	0	2000	ug/Kg	83				70 (69)	130 (127)	
Dimethylphthalate	2400	0	2100	ug/Kg	88				70 (70)	130 (113)	
Acenaphthylene	2400	0	2200	ug/Kg	92				70 (79)	130 (118)	
2,6-Dinitrotoluene	2400	0	2100	ug/Kg	88				70 (70)	130 (125)	
3-Nitroaniline	2400	0	1300	ug/Kg	54	*			70 (30)	130 (99)	
Acenaphthene	2400	0	2000	ug/Kg	83				70 (70)	130 (121)	
2,4-Dinitrophenol	4700	0	3000	ug/Kg	64				20 (10)	160 (155)	
4-Nitrophenol	4700	0	3700	ug/Kg	79				20 (45)	160 (133)	
Dibenzofuran	2400	0	2000	ug/Kg	83				70 (72)	130 (110)	
2,4-Dinitrotoluene	2400	0	2100	ug/Kg	88				70 (55)	130 (128)	
Diethylphthalate	2400	0	2000	ug/Kg	83				70 (70)	130 (112)	
4-Chlorophenyl-phenylether	2400	0	2100	ug/Kg	88				70 (71)	130 (108)	
Fluorene	2400	0	2100	ug/Kg	88				70 (68)	130 (116)	
4-Nitroaniline	2400	0	2000	ug/Kg	83				70 (55)	130 (120)	
4,6-Dinitro-2-methylphenol	2400	0	1800	ug/Kg	75				70 (10)	130 (160)	
N-Nitrosodiphenylamine	2400	0	2200	ug/Kg	92				70 (73)	130 (118)	
4-Bromophenyl-phenylether	2400	0	2200	ug/Kg	92				70 (65)	130 (121)	
Hexachlorobenzene	2400	0	2200	ug/Kg	92				70 (67)	130 (118)	
Atrazine	2400	0	2700	ug/Kg	113				70 (79)	130 (127)	

() = LABORATORY INHOUSE LIMIT

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Pentachlorophenol	4700	0	3200	ug/Kg	68				20 (47)	160 (128)	
Phenanthrene	2400	0	2100	ug/Kg	88				70 (52)	130 (128)	
Anthracene	2400	0	2200	ug/Kg	92				70 (62)	130 (124)	
Carbazole	2400	0	2100	ug/Kg	88				70 (59)	130 (119)	
Di-n-butylphthalate	2400	0	2100	ug/Kg	88				70 (69)	130 (118)	
Fluoranthene	2400	0	2000	ug/Kg	83				70 (44)	130 (125)	
Pyrene	2400	0	2200	ug/Kg	92				70 (26)	130 (142)	
Butylbenzylphthalate	2400	0	2300	ug/Kg	96				70 (64)	130 (126)	
3,3-Dichlorobenzidine	2400	0	1700	ug/Kg	71				70 (33)	130 (116)	
Benzo(a)anthracene	2400	0	2200	ug/Kg	92				70 (71)	130 (114)	
Chrysene	2400	0	2100	ug/Kg	88				70 (57)	130 (121)	
bis(2-Ethylhexyl)phthalate	2400	0	2600	ug/Kg	108				70 (42)	130 (169)	
Di-n-octyl phthalate	2400	0	2800	ug/Kg	117				70 (23)	130 (175)	
Benzo(b)fluoranthene	2400	0	2100	ug/Kg	88				70 (67)	130 (121)	
Benzo(k)fluoranthene	2400	0	1900	ug/Kg	79				70 (57)	130 (134)	
Benzo(a)pyrene	2400	0	2200	ug/Kg	92				70 (70)	130 (142)	
Indeno(1,2,3-cd)pyrene	2400	0	2400	ug/Kg	100				70 (40)	130 (129)	
Dibenz(a,h)anthracene	2400	0	2400	ug/Kg	100				70 (43)	130 (123)	
Benzo(g,h,i)perylene	2400	0	2200	ug/Kg	92				70 (24)	130 (125)	
1,2,4,5-Tetrachlorobenzene	2400	0	2300	ug/Kg	96				70 (69)	130 (124)	
1,4-Dioxane	2400	0	2100	ug/Kg	88				20 (46)	160 (112)	
2,3,4,6-Tetrachlorophenol	2400	0	2000	ug/Kg	83				70 (69)	130 (112)	