

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: P4397

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: P4397-02MS		Client Sample ID: WB-301-BOTMS		DataFile: BF139977.D							
Benzaldehyde	2200	0	830	ug/Kg	38				20 (10)	160 (86)	
Phenol	2200	0	2100	ug/Kg	95				20 (67)	160 (126)	
bis(2-Chloroethyl)ether	2200	0	2200	ug/Kg	100				70 (54)	130 (125)	
2-Chlorophenol	2200	0	2200	ug/Kg	100				70 (79)	130 (107)	
2-Methylphenol	2200	0	2200	ug/Kg	100				70 (66)	130 (122)	
2,2-oxybis(1-Chloropropane)	2200	0	2100	ug/Kg	95				70 (65)	130 (110)	
Acetophenone	2200	0	2200	ug/Kg	100				70 (75)	130 (111)	
3+4-Methylphenols	2200	0	2100	ug/Kg	95				20 (66)	160 (104)	
N-Nitroso-di-n-propylamine	2200	0	2100	ug/Kg	95				70 (59)	130 (119)	
Hexachloroethane	2200	0	2100	ug/Kg	95				20 (65)	160 (117)	
Nitrobenzene	2200	0	2200	ug/Kg	100				70 (70)	130 (119)	
Isophorone	2200	0	2200	ug/Kg	100				70 (76)	130 (122)	
2-Nitrophenol	2200	0	2600	ug/Kg	118				70 (54)	130 (145)	
2,4-Dimethylphenol	2200	0	2500	ug/Kg	114				70 (44)	130 (135)	
bis(2-Chloroethoxy)methane	2200	0	2200	ug/Kg	100				70 (68)	130 (112)	
2,4-Dichlorophenol	2200	0	2200	ug/Kg	100				70 (72)	130 (118)	
Naphthalene	2200	0	2200	ug/Kg	100				70 (72)	130 (110)	
4-Chloroaniline	2200	0	550	ug/Kg	25	*			70 (10)	130 (91)	
Hexachlorobutadiene	2200	0	2200	ug/Kg	100				70 (66)	130 (114)	
Caprolactam	2200	0	2100	ug/Kg	95				20 (51)	160 (134)	
4-Chloro-3-methylphenol	2200	0	2100	ug/Kg	95				70 (57)	130 (132)	
2-Methylnaphthalene	2200	0	2200	ug/Kg	100				70 (59)	130 (123)	
Hexachlorocyclopentadiene	4400	0	3100	ug/Kg	70				20 (10)	160 (175)	
2,4,6-Trichlorophenol	2200	0	2400	ug/Kg	109				70 (72)	130 (117)	
2,4,5-Trichlorophenol	2200	0	2200	ug/Kg	100				70 (72)	130 (117)	
1,1-Biphenyl	2200	0	2300	ug/Kg	105				70 (75)	130 (113)	
2-Chloronaphthalene	2200	0	2200	ug/Kg	100				70 (67)	130 (118)	
2-Nitroaniline	2200	0	2400	ug/Kg	109				70 (69)	130 (127)	
Dimethylphthalate	2200	0	2400	ug/Kg	109				70 (70)	130 (113)	
Acenaphthylene	2200	0	2300	ug/Kg	105				70 (79)	130 (118)	
2,6-Dinitrotoluene	2200	0	2300	ug/Kg	105				70 (70)	130 (125)	
3-Nitroaniline	2200	0	1300	ug/Kg	59	*			70 (30)	130 (99)	
Acenaphthene	2200	140	2400	ug/Kg	103				70 (70)	130 (121)	
2,4-Dinitrophenol	4400	0	2400	ug/Kg	55				20 (10)	160 (155)	
4-Nitrophenol	4400	0	4100	ug/Kg	93				20 (45)	160 (133)	
Dibenzofuran	2200	0	2200	ug/Kg	100				70 (72)	130 (110)	
2,4-Dinitrotoluene	2200	0	2400	ug/Kg	109				70 (55)	130 (128)	
Diethylphthalate	2200	0	2200	ug/Kg	100				70 (70)	130 (112)	
4-Chlorophenyl-phenylether	2200	0	2200	ug/Kg	100				70 (71)	130 (108)	
Fluorene	2200	0	2100	ug/Kg	95				70 (68)	130 (116)	
4-Nitroaniline	2200	0	1900	ug/Kg	86				70 (55)	130 (120)	
4,6-Dinitro-2-methylphenol	2200	0	1900	ug/Kg	86				70 (10)	130 (160)	
N-Nitrosodiphenylamine	2200	0	2600	ug/Kg	118				70 (73)	130 (118)	
4-Bromophenyl-phenylether	2200	0	2600	ug/Kg	118				70 (65)	130 (121)	
Hexachlorobenzene	2200	0	2400	ug/Kg	109				70 (67)	130 (118)	
Atrazine	2200	0	2900	ug/Kg	132	*			70 (79)	130 (127)	

() = LABORATORY INHOUSE LIMIT

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Pentachlorophenol	4400	0	4400	ug/Kg	100				20 (47)	160 (128)	
Phenanthrene	2200	330	2600	ug/Kg	103				70 (52)	130 (128)	
Anthracene	2200	110	2500	ug/Kg	109				70 (62)	130 (124)	
Carbazole	2200	0	2200	ug/Kg	100				70 (59)	130 (119)	
Di-n-butylphthalate	2200	0	2500	ug/Kg	114				70 (69)	130 (118)	
Fluoranthene	2200	150	2400	ug/Kg	102				70 (44)	130 (125)	
Pyrene	2200	130	1800	ug/Kg	76				70 (26)	130 (142)	
Butylbenzylphthalate	2200	0	2400	ug/Kg	109				70 (64)	130 (126)	
3,3-Dichlorobenzidine	2200	0	1800	ug/Kg	82				70 (33)	130 (116)	
Benzo(a)anthracene	2200	0	2400	ug/Kg	109				70 (71)	130 (114)	
Chrysene	2200	0	2400	ug/Kg	109				70 (57)	130 (121)	
bis(2-Ethylhexyl)phthalate	2200	0	3000	ug/Kg	136	*			70 (42)	130 (169)	
Di-n-octyl phthalate	2200	0	3100	ug/Kg	141	*			70 (23)	130 (175)	
Benzo(b)fluoranthene	2200	0	2600	ug/Kg	118				70 (67)	130 (121)	
Benzo(k)fluoranthene	2200	0	2400	ug/Kg	109				70 (57)	130 (134)	
Benzo(a)pyrene	2200	0	2500	ug/Kg	114				70 (70)	130 (142)	
Indeno(1,2,3-cd)pyrene	2200	0	1500	ug/Kg	68	*			70 (40)	130 (129)	
Dibenz(a,h)anthracene	2200	0	1600	ug/Kg	73				70 (43)	130 (123)	
Benzo(g,h,i)perylene	2200	0	1300	ug/Kg	59	*			70 (24)	130 (125)	
1,2,4,5-Tetrachlorobenzene	2200	0	2400	ug/Kg	109				70 (69)	130 (124)	
1,4-Dioxane	2200	0	2100	ug/Kg	95				20 (46)	160 (112)	
2,3,4,6-Tetrachlorophenol	2200	0	2100	ug/Kg	95				70 (69)	130 (112)	