

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: P4860

Client: Tetra Tech

Analytical Method: SW8270E

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Low	Limits High	RPD
Lab Sample ID:	P4860-09MS	Client Sample ID:	PH2-BOT-006MS					DataFile:	BF140639.D		
Benzaldehyde	1700	0	210	ug/Kg	12	*			20 (10)	160 (86)	
Phenol	1700	0	1600	ug/Kg	94				20 (67)	160 (126)	
bis(2-Chloroethyl)ether	1700	0	1600	ug/Kg	94				70 (54)	130 (125)	
2-Chlorophenol	1700	0	1700	ug/Kg	100				70 (79)	130 (107)	
2-Methylphenol	1700	0	1600	ug/Kg	94				70 (66)	130 (122)	
2,2-oxybis(1-Chloropropane)	1700	0	1700	ug/Kg	100				70 (65)	130 (110)	
Acetophenone	1700	0	1600	ug/Kg	94				70 (75)	130 (111)	
3+4-Methylphenols	1700	0	1600	ug/Kg	94				20 (66)	160 (104)	
N-Nitroso-di-n-propylamine	1700	0	1600	ug/Kg	94				70 (59)	130 (119)	
Hexachloroethane	1700	0	1600	ug/Kg	94				20 (65)	160 (117)	
Nitrobenzene	1700	0	1500	ug/Kg	88				70 (70)	130 (119)	
Isophorone	1700	0	1600	ug/Kg	94				70 (76)	130 (122)	
2-Nitrophenol	1700	0	1600	ug/Kg	94				70 (54)	130 (145)	
2,4-Dimethylphenol	1700	0	1900	ug/Kg	112				70 (44)	130 (135)	
bis(2-Chloroethoxy)methane	1700	0	1600	ug/Kg	94				70 (68)	130 (112)	
2,4-Dichlorophenol	1700	0	1600	ug/Kg	94				70 (72)	130 (118)	
Naphthalene	1700	0	1600	ug/Kg	94				70 (72)	130 (110)	
4-Chloroaniline	1700	0	680	ug/Kg	40	*			70 (10)	130 (91)	
Hexachlorobutadiene	1700	0	1500	ug/Kg	88				70 (66)	130 (114)	
Caprolactam	1700	0	1600	ug/Kg	94				20 (51)	160 (134)	
4-Chloro-3-methylphenol	1700	0	1600	ug/Kg	94				70 (57)	130 (132)	
2-Methylnaphthalene	1700	0	1600	ug/Kg	94				70 (59)	130 (123)	
Hexachlorocyclopentadiene	3400	0	4700	ug/Kg	138				20 (10)	160 (175)	
2,4,6-Trichlorophenol	1700	0	1600	ug/Kg	94				70 (72)	130 (117)	
2,4,5-Trichlorophenol	1700	0	1700	ug/Kg	100				70 (72)	130 (117)	
1,1-Biphenyl	1700	0	1600	ug/Kg	94				70 (75)	130 (113)	
2-Chloronaphthalene	1700	0	1600	ug/Kg	94				70 (67)	130 (118)	
2-Nitroaniline	1700	0	1600	ug/Kg	94				70 (69)	130 (127)	
Dimethylphthalate	1700	0	1600	ug/Kg	94				70 (70)	130 (113)	
Acenaphthylene	1700	0	1700	ug/Kg	100				70 (79)	130 (118)	
2,6-Dinitrotoluene	1700	0	1600	ug/Kg	94				70 (70)	130 (125)	
3-Nitroaniline	1700	0	940	ug/Kg	55	*			70 (30)	130 (99)	
Acenaphthene	1700	0	1600	ug/Kg	94				70 (70)	130 (121)	
2,4-Dinitrophenol	3400	0	3000	ug/Kg	88				20 (10)	160 (155)	
4-Nitrophenol	3400	0	3600	ug/Kg	106				20 (45)	160 (133)	
Dibenzofuran	1700	0	1600	ug/Kg	94				70 (72)	130 (110)	
2,4-Dinitrotoluene	1700	0	1600	ug/Kg	94				70 (55)	130 (128)	
Diethylphthalate	1700	0	1600	ug/Kg	94				70 (70)	130 (112)	
4-Chlorophenyl-phenylether	1700	0	1600	ug/Kg	94				70 (71)	130 (108)	
Fluorene	1700	0	1600	ug/Kg	94				70 (68)	130 (116)	
4-Nitroaniline	1700	0	1600	ug/Kg	94				70 (55)	130 (120)	
4,6-Dinitro-2-methylphenol	1700	0	1700	ug/Kg	100				70 (10)	130 (160)	
N-Nitrosodiphenylamine	1700	0	1600	ug/Kg	94				70 (73)	130 (118)	
4-Bromophenyl-phenylether	1700	0	1600	ug/Kg	94				70 (65)	130 (121)	
Hexachlorobenzene	1700	0	1600	ug/Kg	94				70 (67)	130 (118)	
Atrazine	1700	0	1900	ug/Kg	112				70 (79)	130 (127)	

() = LABORATORY INHOUSE LIMIT

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Pentachlorophenol	3400	0	3400	ug/Kg	100				20 (47)	160 (128)	
Phenanthrene	1700	0	1700	ug/Kg	100				70 (52)	130 (128)	
Anthracene	1700	0	1700	ug/Kg	100				70 (62)	130 (124)	
Carbazole	1700	0	1700	ug/Kg	100				70 (59)	130 (119)	
Di-n-butylphthalate	1700	0	1700	ug/Kg	100				70 (69)	130 (118)	
Fluoranthene	1700	0	1600	ug/Kg	94				70 (44)	130 (125)	
Pyrene	1700	0	1800	ug/Kg	106				70 (26)	130 (142)	
Butylbenzylphthalate	1700	0	1900	ug/Kg	112				70 (64)	130 (126)	
3,3-Dichlorobenzidine	1700	0	1100	ug/Kg	65	*			70 (33)	130 (116)	
Benzo(a)anthracene	1700	0	1700	ug/Kg	100				70 (71)	130 (114)	
Chrysene	1700	0	1600	ug/Kg	94				70 (57)	130 (121)	
bis(2-Ethylhexyl)phthalate	1700	0	2000	ug/Kg	118				70 (42)	130 (169)	
Di-n-octyl phthalate	1700	0	2000	ug/Kg	118				70 (23)	130 (175)	
Benzo(b)fluoranthene	1700	0	1500	ug/Kg	88				70 (67)	130 (121)	
Benzo(k)fluoranthene	1700	0	1600	ug/Kg	94				70 (57)	130 (134)	
Benzo(a)pyrene	1700	0	1800	ug/Kg	106				70 (70)	130 (142)	
Indeno(1,2,3-cd)pyrene	1700	0	1600	ug/Kg	94				70 (40)	130 (129)	
Dibenz(a,h)anthracene	1700	0	1600	ug/Kg	94				70 (43)	130 (123)	
Benzo(g,h,i)perylene	1700	0	1300	ug/Kg	76				70 (24)	130 (125)	
1,2,4,5-Tetrachlorobenzene	1700	0	1600	ug/Kg	94				70 (69)	130 (124)	
1,4-Dioxane	1700	0	1500	ug/Kg	88				20 (46)	160 (112)	
2,3,4,6-Tetrachlorophenol	1700	0	1700	ug/Kg	100				70 (69)	130 (112)	