

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: Q2553

Analytical Method:

8270E

Client: First Environment, Inc.

DataFile:

BM050435.D

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	RPD		Limits	
								Qual	Low	High	RPD
PB168816BSD	Benzaldehyde	50	48.2	ug/L	96	2			20 (10)	160 (162)	20 (20)
	Phenol	50	54.6	ug/L	109	1			20 (66)	160 (118)	20 (20)
	bis(2-Chloroethyl)ether	50	51.9	ug/L	104	2			70 (62)	130 (103)	20 (20)
	2-Chlorophenol	50	55.0	ug/L	110	2			70 (70)	130 (117)	20 (20)
	2-Methylphenol	50	54.3	ug/L	109	1			70 (69)	130 (109)	20 (20)
	2,2-oxybis(1-Chloropropane)	50	50.2	ug/L	100	1			70 (65)	130 (100)	20 (20)
	Acetophenone	50	52.3	ug/L	105	1			70 (60)	130 (104)	20 (20)
	3+4-Methylphenols	50	52.7	ug/L	105	0			20 (67)	160 (106)	20 (20)
	N-Nitroso-di-n-propylamine	50	52.2	ug/L	104	0			70 (57)	130 (107)	20 (20)
	Hexachloroethane	50	51.4	ug/L	103	2			20 (76)	160 (118)	20 (20)
	Nitrobenzene	50	52.9	ug/L	106	2			70 (58)	130 (106)	20 (20)
	Isophorone	50	51.9	ug/L	104	0			70 (61)	130 (102)	20 (20)
	2-Nitrophenol	50	59.4	ug/L	119	3			70 (70)	130 (115)	20 (20)
	2,4-Dimethylphenol	50	53.3	ug/L	107	0			70 (42)	130 (142)	20 (20)
	bis(2-Chloroethoxy)methane	50	51.9	ug/L	104	1			70 (58)	130 (109)	20 (20)
	2,4-Dichlorophenol	50	54.5	ug/L	109	1			70 (66)	130 (115)	20 (20)
	Naphthalene	50	51.3	ug/L	103	1			70 (64)	130 (107)	20 (20)
	4-Chloroaniline	50	20.3	ug/L	41	14	*		70 (10)	130 (85)	20 (20)
	Hexachlorobutadiene	50	51.9	ug/L	104	2			70 (69)	130 (101)	20 (20)
	Caprolactam	50	52.1	ug/L	104	2			20 (58)	160 (128)	20 (20)
	4-Chloro-3-methylphenol	50	54.1	ug/L	108	1			70 (65)	130 (114)	20 (20)
	2-Methylnaphthalene	50	52.6	ug/L	105	1			70 (64)	130 (107)	20 (20)
	Hexachlorocyclopentadiene	100	120	ug/L	120	0			20 (36)	160 (160)	20 (20)
	2,4,6-Trichlorophenol	50	56.9	ug/L	114	1			70 (61)	130 (110)	20 (20)
	2,4,5-Trichlorophenol	50	56.9	ug/L	114	0			70 (70)	130 (106)	20 (20)
	1,1-Biphenyl	50	53.5	ug/L	107	0			70 (72)	130 (98)	20 (20)
	2-Chloronaphthalene	50	53.2	ug/L	106	0			70 (59)	130 (106)	20 (20)
	2-Nitroaniline	50	57.8	ug/L	116	3			70 (73)	130 (114)	20 (20)
	Dimethylphthalate	50	52.4	ug/L	105	3			70 (64)	130 (103)	20 (20)
	Acenaphthylene	50	53.7	ug/L	107	1			70 (79)	130 (103)	20 (20)
	2,6-Dinitrotoluene	50	56.5	ug/L	113	3			70 (64)	130 (110)	20 (20)
	3-Nitroaniline	50	32.9	ug/L	66	7	*		70 (28)	130 (100)	20 (20)
	Acenaphthene	50	58.2	ug/L	116	2			70 (59)	130 (113)	20 (20)
	2,4-Dinitrophenol	100	110	ug/L	110	9			20 (36)	160 (166)	20 (20)
	4-Nitrophenol	100	120	ug/L	120	0			20 (45)	160 (147)	20 (20)
	Dibenzofuran	50	52.1	ug/L	104	2			70 (65)	130 (106)	20 (20)
	2,4-Dinitrotoluene	50	53.0	ug/L	106	3			70 (60)	130 (115)	20 (20)
	Diethylphthalate	50	52.5	ug/L	105	3			70 (63)	130 (105)	20 (20)
	4-Chlorophenyl-phenylether	50	52.9	ug/L	106	2			70 (61)	130 (104)	20 (20)
	Fluorene	50	53.0	ug/L	106	2			70 (64)	130 (107)	20 (20)
	4-Nitroaniline	50	49.7	ug/L	99	3			70 (55)	130 (125)	20 (20)
	4,6-Dinitro-2-methylphenol	50	53.4	ug/L	107	1			70 (62)	130 (132)	20 (20)
	N-Nitrosodiphenylamine	50	54.5	ug/L	109	1			70 (61)	130 (109)	20 (20)
	4-Bromophenyl-phenylether	50	55.7	ug/L	111	0			70 (73)	130 (103)	20 (20)

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: <u>Q2553</u>	Analytical Method: <u>8270E</u>
Client: <u>First Environment, Inc.</u>	DataFile: <u>BM050435.D</u>

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	RPD		Limits	
								Qual	Low	High	RPD
PB168816BSD	Hexachlorobenzene	50	55.1	ug/L	110	0			70 (73)	130 (106)	20 (20)
	Atrazine	50	56.9	ug/L	114	1			70 (76)	130 (120)	20 (20)
	Pentachlorophenol	100	120	ug/L	120	8			20 (47)	160 (114)	20 (20)
	Phenanthrene	50	53.2	ug/L	106	2			70 (62)	130 (109)	20 (20)
	Anthracene	50	54.3	ug/L	109	2			70 (65)	130 (110)	20 (20)
	Carbazole	50	54.8	ug/L	110	3			70 (62)	130 (106)	20 (20)
	Di-n-butylphthalate	50	54.9	ug/L	110	3			70 (64)	130 (106)	20 (20)
	Fluoranthene	50	55.0	ug/L	110	4			70 (64)	130 (110)	20 (20)
	Pyrene	50	52.3	ug/L	105	1			70 (71)	130 (103)	20 (20)
	Butylbenzylphthalate	50	59.9	ug/L	120	1			70 (61)	130 (105)	20 (20)
	3,3-Dichlorobenzidine	50	36.6	ug/L	73	4			70 (43)	130 (108)	20 (20)
	Benzo(a)anthracene	50	55.5	ug/L	111	1			70 (62)	130 (107)	20 (20)
	Chrysene	50	54.8	ug/L	110	2			70 (61)	130 (108)	20 (20)
	bis(2-Ethylhexyl)phthalate	50	57.7	ug/L	115	2			70 (59)	130 (110)	20 (20)
	Di-n-octyl phthalate	50	61.5	ug/L	123	1			70 (52)	130 (139)	20 (20)
	Benzo(b)fluoranthene	50	56.2	ug/L	112	2			70 (77)	130 (113)	20 (20)
	Benzo(k)fluoranthene	50	55.8	ug/L	112	1			70 (77)	130 (105)	20 (20)
	Benzo(a)pyrene	50	57.8	ug/L	116	1			70 (72)	130 (131)	20 (20)
	Indeno(1,2,3-cd)pyrene	50	57.9	ug/L	116	1			70 (72)	130 (105)	20 (20)
	Dibenz(a,h)anthracene	50	57.7	ug/L	115	1			70 (78)	130 (115)	20 (20)
	Benzo(g,h,i)perylene	50	57.8	ug/L	116	1			70 (75)	130 (118)	20 (20)
	1,2,4,5-Tetrachlorobenzene	50	56.7	ug/L	113	2			70 (72)	130 (101)	20 (20)
	1,4-Dioxane	50	42.1	ug/L	84	2			20 (38)	160 (125)	20 (20)
	2,3,4,6-Tetrachlorophenol	50	56.4	ug/L	113	2			70 (63)	130 (116)	20 (20)