

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: P5093

Client: R3M Engineering, Inc.

Analytical Method: 8270E

DataFile: BF140785.D

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	RPD		Limits	
								Qual	Low	High	RPD
PB165432BS	Benzaldehyde	50	13.9	ug/L	28				20 (10)	160 (162)	
	Phenol	50	49.8	ug/L	100				20 (66)	160 (118)	
	bis(2-Chloroethyl)ether	50	50.6	ug/L	101				70 (62)	130 (103)	
	2-Chlorophenol	50	49.8	ug/L	100				70 (70)	130 (117)	
	2-Methylphenol	50	49.4	ug/L	99				70 (69)	130 (109)	
	2,2-oxybis(1-Chloropropane)	50	48.7	ug/L	97				70 (65)	130 (100)	
	Acetophenone	50	46.1	ug/L	92				70 (60)	130 (104)	
	3+4-Methylphenols	50	50.6	ug/L	101				20 (67)	160 (106)	
	N-Nitroso-di-n-propylamine	50	48.8	ug/L	98				70 (57)	130 (107)	
	Hexachloroethane	50	46.3	ug/L	93				20 (76)	160 (118)	
	Nitrobenzene	50	43.9	ug/L	88				70 (58)	130 (106)	
	Isophorone	50	47.9	ug/L	96				70 (61)	130 (102)	
	2-Nitrophenol	50	48.4	ug/L	97				70 (70)	130 (115)	
	2,4-Dimethylphenol	50	60.8	ug/L	122				70 (42)	130 (142)	
	bis(2-Chloroethoxy)methane	50	47.0	ug/L	94				70 (58)	130 (109)	
	2,4-Dichlorophenol	50	48.9	ug/L	98				70 (66)	130 (115)	
	Naphthalene	50	46.8	ug/L	94				70 (64)	130 (107)	
	4-Chloroaniline	50	27.1	ug/L	54		*		70 (10)	130 (85)	
	Hexachlorobutadiene	50	44.5	ug/L	89				70 (69)	130 (101)	
	Caprolactam	50	49.1	ug/L	98				20 (58)	160 (128)	
	4-Chloro-3-methylphenol	50	47.8	ug/L	96				70 (65)	130 (114)	
	2-Methylnaphthalene	50	48.6	ug/L	97				70 (64)	130 (107)	
	Hexachlorocyclopentadiene	100	120	ug/L	120				20 (36)	160 (160)	
	2,4,6-Trichlorophenol	50	47.3	ug/L	95				70 (61)	130 (110)	
	2,4,5-Trichlorophenol	50	46.2	ug/L	92				70 (70)	130 (106)	
	1,1-Biphenyl	50	47.4	ug/L	95				70 (72)	130 (98)	
	2-Chloronaphthalene	50	45.9	ug/L	92				70 (59)	130 (106)	
	2-Nitroaniline	50	47.2	ug/L	94				70 (73)	130 (114)	
	Dimethylphthalate	50	48.4	ug/L	97				70 (64)	130 (103)	
	Acenaphthylene	50	50.8	ug/L	102				70 (79)	130 (103)	
	2,6-Dinitrotoluene	50	47.0	ug/L	94				70 (64)	130 (110)	
	3-Nitroaniline	50	31.3	ug/L	63		*		70 (28)	130 (100)	
	Acenaphthene	50	48.1	ug/L	96				70 (59)	130 (113)	
	2,4-Dinitrophenol	100	87.8	ug/L	88				20 (36)	160 (166)	
	4-Nitrophenol	100	85.3	ug/L	85				20 (45)	160 (147)	
	Dibenzofuran	50	47.2	ug/L	94				70 (65)	130 (106)	
	2,4-Dinitrotoluene	50	47.4	ug/L	95				70 (60)	130 (115)	
	Diethylphthalate	50	47.1	ug/L	94				70 (63)	130 (105)	
	4-Chlorophenyl-phenylether	50	48.4	ug/L	97				70 (61)	130 (104)	
	Fluorene	50	47.8	ug/L	96				70 (64)	130 (107)	
	4-Nitroaniline	50	47.8	ug/L	96				70 (55)	130 (125)	
	4,6-Dinitro-2-methylphenol	50	52.4	ug/L	105				70 (62)	130 (132)	
	N-Nitrosodiphenylamine	50	48.9	ug/L	98				70 (61)	130 (109)	
	4-Bromophenyl-phenylether	50	48.4	ug/L	97				70 (73)	130 (103)	

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: P5093

Client: R3M Engineering, Inc.

Analytical Method: 8270E

DataFile: BF140785.D

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	RPD	Limits		RPD
								Qual	Low	High	
PB165432BS	Hexachlorobenzene	50	46.9	ug/L	94				70 (73)	130 (106)	
	Atrazine	50	55.0	ug/L	110				70 (76)	130 (120)	
	Pentachlorophenol	100	84.0	ug/L	84				20 (47)	160 (114)	
	Phenanthrene	50	49.5	ug/L	99				70 (62)	130 (109)	
	Anthracene	50	51.6	ug/L	103				70 (65)	130 (110)	
	Carbazole	50	50.3	ug/L	101				70 (62)	130 (106)	
	Di-n-butylphthalate	50	48.3	ug/L	97				70 (64)	130 (106)	
	Fluoranthene	50	51.1	ug/L	102				70 (64)	130 (110)	
	Pyrene	50	46.2	ug/L	92				70 (71)	130 (103)	
	Butylbenzylphthalate	50	45.8	ug/L	92				70 (61)	130 (105)	
	3,3-Dichlorobenzidine	50	34.2	ug/L	68		*		70 (43)	130 (108)	
	Benzo(a)anthracene	50	50.2	ug/L	100				70 (62)	130 (107)	
	Chrysene	50	49.5	ug/L	99				70 (61)	130 (108)	
	bis(2-Ethylhexyl)phthalate	50	42.4	ug/L	85				70 (59)	130 (110)	
	Di-n-octyl phthalate	50	40.0	ug/L	80				70 (52)	130 (139)	
	Benzo(b)fluoranthene	50	48.0	ug/L	96				70 (77)	130 (113)	
	Benzo(k)fluoranthene	50	55.8	ug/L	112				70 (77)	130 (105)	
	Benzo(a)pyrene	50	54.3	ug/L	109				70 (72)	130 (131)	
	Indeno(1,2,3-cd)pyrene	50	51.0	ug/L	102				70 (72)	130 (105)	
	Dibenz(a,h)anthracene	50	50.3	ug/L	101				70 (78)	130 (115)	
	Benzo(g,h,i)perylene	50	47.1	ug/L	94				70 (75)	130 (118)	
	1,2,4,5-Tetrachlorobenzene	50	46.7	ug/L	93				70 (72)	130 (101)	
	1,4-Dioxane	50	42.9	ug/L	86				20 (38)	160 (125)	
	2,3,4,6-Tetrachlorophenol	50	50.7	ug/L	101				70 (63)	130 (116)	