

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: P5093

Client: R3M Engineering, Inc.

Analytical Method: 8270E

DataFile: BF140786.D

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	RPD		Limits		
							Qual	Qual	Low	High	RPD
PB165432BSD	Benzaldehyde	50	13.7	ug/L	27	1			20 (10)	160 (162)	20 (20)
	Phenol	50	51.0	ug/L	102	2			20 (66)	160 (118)	20 (20)
	bis(2-Chloroethyl)ether	50	50.5	ug/L	101	0			70 (62)	130 (103)	20 (20)
	2-Chlorophenol	50	50.9	ug/L	102	2			70 (70)	130 (117)	20 (20)
	2-Methylphenol	50	50.0	ug/L	100	1			70 (69)	130 (109)	20 (20)
	2,2-oxybis(1-Chloropropane)	50	49.7	ug/L	99	2			70 (65)	130 (100)	20 (20)
	Acetophenone	50	48.2	ug/L	96	4			70 (60)	130 (104)	20 (20)
	3+4-Methylphenols	50	51.4	ug/L	103	2			20 (67)	160 (106)	20 (20)
	N-Nitroso-di-n-propylamine	50	49.7	ug/L	99	2			70 (57)	130 (107)	20 (20)
	Hexachloroethane	50	47.2	ug/L	94	2			20 (76)	160 (118)	20 (20)
	Nitrobenzene	50	45.6	ug/L	91	4			70 (58)	130 (106)	20 (20)
	Isophorone	50	49.4	ug/L	99	3			70 (61)	130 (102)	20 (20)
	2-Nitrophenol	50	50.2	ug/L	100	4			70 (70)	130 (115)	20 (20)
	2,4-Dimethylphenol	50	62.4	ug/L	125	3			70 (42)	130 (142)	20 (20)
	bis(2-Chloroethoxy)methane	50	49.0	ug/L	98	4			70 (58)	130 (109)	20 (20)
	2,4-Dichlorophenol	50	50.4	ug/L	101	3			70 (66)	130 (115)	20 (20)
	Naphthalene	50	47.8	ug/L	96	2			70 (64)	130 (107)	20 (20)
	4-Chloroaniline	50	24.4	ug/L	49	10	*		70 (10)	130 (85)	20 (20)
	Hexachlorobutadiene	50	45.5	ug/L	91	2			70 (69)	130 (101)	20 (20)
	Caprolactam	50	51.8	ug/L	104	5			20 (58)	160 (128)	20 (20)
	4-Chloro-3-methylphenol	50	49.5	ug/L	99	3			70 (65)	130 (114)	20 (20)
	2-Methylnaphthalene	50	49.9	ug/L	100	3			70 (64)	130 (107)	20 (20)
	Hexachlorocyclopentadiene	100	130	ug/L	130	8			20 (36)	160 (160)	20 (20)
	2,4,6-Trichlorophenol	50	47.6	ug/L	95	1			70 (61)	130 (110)	20 (20)
	2,4,5-Trichlorophenol	50	47.4	ug/L	95	3			70 (70)	130 (106)	20 (20)
	1,1-Biphenyl	50	48.1	ug/L	96	1			70 (72)	130 (98)	20 (20)
	2-Chloronaphthalene	50	47.3	ug/L	95	3			70 (59)	130 (106)	20 (20)
	2-Nitroaniline	50	48.5	ug/L	97	3			70 (73)	130 (114)	20 (20)
	Dimethylphthalate	50	49.9	ug/L	100	3			70 (64)	130 (103)	20 (20)
	Acenaphthylene	50	52.0	ug/L	104	2			70 (79)	130 (103)	20 (20)
	2,6-Dinitrotoluene	50	47.6	ug/L	95	1			70 (64)	130 (110)	20 (20)
	3-Nitroaniline	50	31.1	ug/L	62	1	*		70 (28)	130 (100)	20 (20)
	Acenaphthene	50	48.9	ug/L	98	2			70 (59)	130 (113)	20 (20)
	2,4-Dinitrophenol	100	94.0	ug/L	94	7			20 (36)	160 (166)	20 (20)
	4-Nitrophenol	100	88.6	ug/L	89	4			20 (45)	160 (147)	20 (20)
	Dibenzofuran	50	49.2	ug/L	98	4			70 (65)	130 (106)	20 (20)
	2,4-Dinitrotoluene	50	48.8	ug/L	98	3			70 (60)	130 (115)	20 (20)
	Diethylphthalate	50	49.1	ug/L	98	4			70 (63)	130 (105)	20 (20)
	4-Chlorophenyl-phenylether	50	49.3	ug/L	99	2			70 (61)	130 (104)	20 (20)
	Fluorene	50	49.7	ug/L	99	4			70 (64)	130 (107)	20 (20)
	4-Nitroaniline	50	49.2	ug/L	98	3			70 (55)	130 (125)	20 (20)
	4,6-Dinitro-2-methylphenol	50	56.0	ug/L	112	7			70 (62)	130 (132)	20 (20)
	N-Nitrosodiphenylamine	50	50.6	ug/L	101	3			70 (61)	130 (109)	20 (20)
	4-Bromophenyl-phenylether	50	49.1	ug/L	98	1			70 (73)	130 (103)	20 (20)

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Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	RPD		Limits		
							Qual	Qual	Low	High	RPD
PB165432BSD	Hexachlorobenzene	50	46.9	ug/L	94	0			70 (73)	130 (106)	20 (20)
	Atrazine	50	57.1	ug/L	114	4			70 (76)	130 (120)	20 (20)
	Pentachlorophenol	100	84.9	ug/L	85	1			20 (47)	160 (114)	20 (20)
	Phenanthrene	50	51.0	ug/L	102	3			70 (62)	130 (109)	20 (20)
	Anthracene	50	53.5	ug/L	107	4			70 (65)	130 (110)	20 (20)
	Carbazole	50	51.1	ug/L	102	2			70 (62)	130 (106)	20 (20)
	Di-n-butylphthalate	50	50.2	ug/L	100	4			70 (64)	130 (106)	20 (20)
	Fluoranthene	50	52.3	ug/L	105	2			70 (64)	130 (110)	20 (20)
	Pyrene	50	46.8	ug/L	94	1			70 (71)	130 (103)	20 (20)
	Butylbenzylphthalate	50	47.4	ug/L	95	3			70 (61)	130 (105)	20 (20)
	3,3-Dichlorobenzidine	50	34.8	ug/L	70	2			70 (43)	130 (108)	20 (20)
	Benzo(a)anthracene	50	51.9	ug/L	104	3			70 (62)	130 (107)	20 (20)
	Chrysene	50	50.8	ug/L	102	3			70 (61)	130 (108)	20 (20)
	bis(2-Ethylhexyl)phthalate	50	44.5	ug/L	89	5			70 (59)	130 (110)	20 (20)
	Di-n-octyl phthalate	50	42.2	ug/L	84	5			70 (52)	130 (139)	20 (20)
	Benzo(b)fluoranthene	50	49.8	ug/L	100	4			70 (77)	130 (113)	20 (20)
	Benzo(k)fluoranthene	50	57.9	ug/L	116	4			70 (77)	130 (105)	20 (20)
	Benzo(a)pyrene	50	55.5	ug/L	111	2			70 (72)	130 (131)	20 (20)
	Indeno(1,2,3-cd)pyrene	50	50.5	ug/L	101	1			70 (72)	130 (105)	20 (20)
	Dibenz(a,h)anthracene	50	50.0	ug/L	100	1			70 (78)	130 (115)	20 (20)
	Benzo(g,h,i)perylene	50	47.2	ug/L	94	0			70 (75)	130 (118)	20 (20)
	1,2,4,5-Tetrachlorobenzene	50	48.0	ug/L	96	3			70 (72)	130 (101)	20 (20)
	1,4-Dioxane	50	43.3	ug/L	87	1			20 (38)	160 (125)	20 (20)
	2,3,4,6-Tetrachlorophenol	50	55.3	ug/L	111	9			70 (63)	130 (116)	20 (20)