

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: Q2008

Client: JACOBS Engineering Group, Inc.

Analytical Method: 8270E

DataFile: BF142338.D

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	RPD		Limits	
								Qual	Low	High	RPD
PB167951BS	Benzaldehyde	50	22.9	ug/L	46				20 (10)	160 (162)	
	Phenol	50	46.1	ug/L	92				20 (66)	160 (118)	
	bis(2-Chloroethyl)ether	50	37.5	ug/L	75				70 (62)	130 (103)	
	2-Chlorophenol	50	45.0	ug/L	90				70 (70)	130 (117)	
	2-Methylphenol	50	44.7	ug/L	89				70 (69)	130 (109)	
	2,2-oxybis(1-Chloropropane)	50	41.1	ug/L	82				70 (65)	130 (100)	
	Acetophenone	50	41.6	ug/L	83				70 (60)	130 (104)	
	3+4-Methylphenols	50	43.5	ug/L	87				20 (67)	160 (106)	
	N-Nitroso-di-n-propylamine	50	42.2	ug/L	84				70 (57)	130 (107)	
	Hexachloroethane	50	42.8	ug/L	86				20 (76)	160 (118)	
	Nitrobenzene	50	46.1	ug/L	92				70 (58)	130 (106)	
	Isophorone	50	43.8	ug/L	88				70 (61)	130 (102)	
	2-Nitrophenol	50	47.0	ug/L	94				70 (70)	130 (115)	
	2,4-Dimethylphenol	50	45.2	ug/L	90				70 (42)	130 (142)	
	bis(2-Chloroethoxy)methane	50	42.8	ug/L	86				70 (58)	130 (109)	
	2,4-Dichlorophenol	50	46.4	ug/L	93				70 (66)	130 (115)	
	Naphthalene	50	42.1	ug/L	84				70 (64)	130 (107)	
	4-Chloroaniline	50	12.7	ug/L	25		*		70 (10)	130 (85)	
	Hexachlorobutadiene	50	43.3	ug/L	87				70 (69)	130 (101)	
	Caprolactam	50	51.4	ug/L	103				20 (58)	160 (128)	
	4-Chloro-3-methylphenol	50	46.6	ug/L	93				70 (65)	130 (114)	
	2-Methylnaphthalene	50	42.8	ug/L	86				70 (64)	130 (107)	
	Hexachlorocyclopentadiene	100	89.0	ug/L	89				20 (36)	160 (160)	
	2,4,6-Trichlorophenol	50	49.5	ug/L	99				70 (61)	130 (110)	
	2,4,5-Trichlorophenol	50	46.5	ug/L	93				70 (70)	130 (106)	
	1,1-Biphenyl	50	41.4	ug/L	83				70 (72)	130 (98)	
	2-Chloronaphthalene	50	42.7	ug/L	85				70 (59)	130 (106)	
	2-Nitroaniline	50	50.3	ug/L	101				70 (73)	130 (114)	
	Dimethylphthalate	50	44.7	ug/L	89				70 (64)	130 (103)	
	Acenaphthylene	50	42.5	ug/L	85				70 (79)	130 (103)	
	2,6-Dinitrotoluene	50	52.6	ug/L	105				70 (64)	130 (110)	
	3-Nitroaniline	50	36.4	ug/L	73				70 (28)	130 (100)	
	Acenaphthene	50	46.5	ug/L	93				70 (59)	130 (113)	
	2,4-Dinitrophenol	100	100	ug/L	100				20 (36)	160 (166)	
	4-Nitrophenol	100	110	ug/L	110				20 (45)	160 (147)	
	Dibenzofuran	50	42.4	ug/L	85				70 (65)	130 (106)	
	2,4-Dinitrotoluene	50	55.9	ug/L	112				70 (60)	130 (115)	
	Diethylphthalate	50	45.3	ug/L	91				70 (63)	130 (105)	
	4-Chlorophenyl-phenylether	50	43.1	ug/L	86				70 (61)	130 (104)	
	Fluorene	50	42.0	ug/L	84				70 (64)	130 (107)	
	4-Nitroaniline	50	61.2	ug/L	122				70 (55)	130 (125)	
	4,6-Dinitro-2-methylphenol	50	50.3	ug/L	101				70 (62)	130 (132)	
	N-Nitrosodiphenylamine	50	43.5	ug/L	87				70 (61)	130 (109)	
	4-Bromophenyl-phenylether	50	44.9	ug/L	90				70 (73)	130 (103)	

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								Qual	Low	High		
PB167951BS	Hexachlorobenzene	50	45.6	ug/L	91				70 (73)	130 (106)		
	Atrazine	50	50.3	ug/L	101				70 (76)	130 (120)		
	Pentachlorophenol	100	110	ug/L	110				20 (47)	160 (114)		
	Phenanthrene	50	43.0	ug/L	86				70 (62)	130 (109)		
	Anthracene	50	43.1	ug/L	86				70 (65)	130 (110)		
	Carbazole	50	44.1	ug/L	88				70 (62)	130 (106)		
	Di-n-butylphthalate	50	48.4	ug/L	97				70 (64)	130 (106)		
	Fluoranthene	50	43.7	ug/L	87				70 (64)	130 (110)		
	Pyrene	50	45.2	ug/L	90				70 (71)	130 (103)		
	Butylbenzylphthalate	50	49.4	ug/L	99				70 (61)	130 (105)		
	3,3-Dichlorobenzidine	50	40.4	ug/L	81				70 (43)	130 (108)		
	Benzo(a)anthracene	50	45.7	ug/L	91				70 (62)	130 (107)		
	Chrysene	50	45.0	ug/L	90				70 (61)	130 (108)		
	bis(2-Ethylhexyl)phthalate	50	45.0	ug/L	90				70 (59)	130 (110)		
	Di-n-octyl phthalate	50	43.5	ug/L	87				70 (52)	130 (139)		
	Benzo(b)fluoranthene	50	45.9	ug/L	92				70 (77)	130 (113)		
	Benzo(k)fluoranthene	50	48.3	ug/L	97				70 (77)	130 (105)		
	Benzo(a)pyrene	50	48.1	ug/L	96				70 (72)	130 (131)		
	Indeno(1,2,3-cd)pyrene	50	46.3	ug/L	93				70 (72)	130 (105)		
	Dibenz(a,h)anthracene	50	46.0	ug/L	92				70 (78)	130 (115)		
	Benzo(g,h,i)perylene	50	46.0	ug/L	92				70 (75)	130 (118)		
	1,2,4,5-Tetrachlorobenzene	50	40.9	ug/L	82				70 (72)	130 (101)		
	1,4-Dioxane	50	32.6	ug/L	65				20 (38)	160 (125)		
	2,3,4,6-Tetrachlorophenol	50	50.1	ug/L	100				70 (63)	130 (116)		