284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: Q1478

Client: JACOBS Engineering Group, Inc.

Analytical Method: 8270E **DataFile:** BF141863.D

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	RPD Qual	Limits Low	Limits High	Limits RPD
PB166982BSD	Benzaldehyde	50	23.1	ug/L	46	1			20 (10)	160 (162)	20 (20)
	Phenol	50	41.6	ug/L	83	2			20 (66)	160 (118)	20 (20)
	bis(2-Chloroethyl)ether	50	41.1	ug/L	82	2			70 (62)	130 (103)	20 (20)
	2-Chlorophenol	50	44.8	ug/L	90	1			70 (70)	130 (117)	20 (20)
	2-Methylphenol	50	43.2	ug/L	86	3			70 (69)	130 (109)	20 (20)
	2,2-oxybis(1-Chloropropane)	50	35.1	ug/L	70	4			70 (65)	130 (100)	20 (20)
	Acetophenone	50	46.8	ug/L	94	1			70 (60)	130 (104)	20 (20)
	3+4-Methylphenols	50	42.8	ug/L	86	2			20 (67)	160 (106)	20 (20)
	N-Nitroso-di-n-propylamine	50	38.5	ug/L	77	3			70 (57)	130 (107)	20 (20)
	Hexachloroethane	50	44.7	ug/L	89	0			20 (76)	160 (118)	20 (20)
	Nitrobenzene	50	48.5	ug/L	97	1			70 (58)	130 (106)	20 (20)
	Isophorone	50	43.1	ug/L	86	1			70 (61)	130 (102)	20 (20)
	2-Nitrophenol	50	53.4	ug/L	107	1			70 (70)	130 (115)	20 (20)
	2,4-Dimethylphenol	50	53.9	ug/L	108	2			70 (42)	130 (142)	20 (20)
	bis(2-Chloroethoxy)methane	50	40.1	ug/L	80	3			70 (58)	130 (109)	20 (20)
	2,4-Dichlorophenol	50	44.6	ug/L	89	1			70 (66)	130 (115)	20 (20)
	Naphthalene	50	43.1	ug/L	86	0			70 (64)	130 (107)	20 (20)
	4-Chloroaniline	50	20.1	ug/L	40	2	*		70 (10)	130 (85)	20 (20)
	Hexachlorobutadiene	50	46.6	ug/L	93	0			70 (69)	130 (101)	20 (20)
	Caprolactam	50	50.5	ug/L	101	4			20 (58)	160 (128)	20 (20)
	4-Chloro-3-methylphenol	50	43.9	ug/L	88	1			70 (65)	130 (114)	20 (20)
	2-Methylnaphthalene	50	41.2	ug/L	82	1			70 (64)	130 (107)	20 (20)
	Hexachlorocyclopentadiene	100	160	ug/L	160	0			20 (36)	160 (160)	20 (20)
	2,4,6-Trichlorophenol	50	47.0	ug/L	94	0			70 (61)	130 (110)	20 (20)
	2,4,5-Trichlorophenol	50	48.8	ug/L	98	0			70 (70)	130 (106)	20 (20)
	1,1-Biphenyl	50	48.0	ug/L	96	0			70 (72)	130 (98)	20 (20)
	2-Chloronaphthalene	50	44.3	ug/L	89	0			70 (59)	130 (106)	20 (20)
	2-Nitroaniline	50	51.4	ug/L	103	0			70 (73)	130 (114)	20 (20)
	Dimethylphthalate	50	44.6	ug/L	89	0			70 (64)	130 (103)	20 (20)
	Acenaphthylene	50	46.3	ug/L	93	1			70 (79)	130 (103)	20 (20)
	2,6-Dinitrotoluene	50	51.6	ug/L	103	1			70 (64)	130 (110)	20 (20)
	3-Nitroaniline	50	34.7	ug/L	69	3	*		70 (28)	130 (100)	20 (20)
	Acenaphthene	50	51.0	ug/L	102	0			70 (59)	130 (113)	20 (20)
	2,4-Dinitrophenol	100	120	ug/L	120	0			20 (36)	160 (166)	20 (20)
	4-Nitrophenol	100	120	ug/L	120	0			20 (45)	160 (147)	20 (20)
	Dibenzofuran	50	42.4	ug/L	85	1			70 (65)	130 (106)	20 (20)
	2,4-Dinitrotoluene	50	57.5	ug/L	115	0			70 (60)	130 (115)	20 (20)
	Diethylphthalate	50	43.2	ug/L	86	1			70 (63)	130 (105)	20 (20)
	4-Chlorophenyl-phenylether	50	44.2	ug/L	88	2			70 (61)	130 (104)	20 (20)
	Fluorene	50	44.5	ug/L	89	1			70 (64)	130 (107)	20 (20)
	4-Nitroaniline	50	61.0	ug/L	122	0			70 (55)	130 (125)	20 (20)
	4,6-Dinitro-2-methylphenol	50	59.5	ug/L	119	1			70 (62)	130 (132)	20 (20)
	N-Nitrosodiphenylamine	50	43.0	ug/L	86	1			70 (61)	130 (109)	20 (20)
	4-Bromophenyl-phenylether	50	43.4	ug/L	87	2			70 (73)	130 (103)	20 (20)

( ) = LABORATORY INHOUSE LIMIT

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Analytical Method: 8270E **DataFile:** BF141863.D

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	RPD Qual	Limits Low	Limits High	Limits RPD
PB166982BSD	Hexachlorobenzene	50	46.8	ug/L	94	1			70 (73)	130 (106)	20 (20)
	Atrazine	50	63.7	ug/L	127	1			70 (76)	130 (120)	20 (20)
	Pentachlorophenol	100	97.3	ug/L	97	0			20 (47)	160 (114)	20 (20)
	Phenanthrene	50	45.5	ug/L	91	0			70 (62)	130 (109)	20 (20)
	Anthracene	50	46.1	ug/L	92	1			70 (65)	130 (110)	20 (20)
	Carbazole	50	46.4	ug/L	93	2			70 (62)	130 (106)	20 (20)
	Di-n-butylphthalate	50	42.7	ug/L	85	1			70 (64)	130 (106)	20 (20)
	Fluoranthene	50	47.4	ug/L	95	2			70 (64)	130 (110)	20 (20)
	Pyrene	50	42.3	ug/L	85	4			70 (71)	130 (103)	20 (20)
	Butylbenzylphthalate	50	45.7	ug/L	91	2			70 (61)	130 (105)	20 (20)
	3,3-Dichlorobenzidine	50	29.7	ug/L	59	4	*		70 (43)	130 (108)	20 (20)
	Benzo(a)anthracene	50	44.6	ug/L	89	2			70 (62)	130 (107)	20 (20)
	Chrysene	50	44.7	ug/L	89	1			70 (61)	130 (108)	20 (20)
	bis(2-Ethylhexyl)phthalate	50	46.9	ug/L	94	1			70 (59)	130 (110)	20 (20)
	Di-n-octyl phthalate	50	45.8	ug/L	92	2			70 (52)	130 (139)	20 (20)
	Benzo(b)fluoranthene	50	44.0	ug/L	88	2			70 (77)	130 (113)	20 (20)
	Benzo(k)fluoranthene	50	45.2	ug/L	90	2			70 (77)	130 (105)	20 (20)
	Benzo(a)pyrene	50	47.5	ug/L	95	1			70 (72)	130 (131)	20 (20)
	Indeno(1,2,3-cd)pyrene	50	45.3	ug/L	91	12			70 (72)	130 (105)	20 (20)
	Dibenz(a,h)anthracene	50	45.0	ug/L	90	10			70 (78)	130 (115)	20 (20)
	Benzo(g,h,i)perylene	50	41.8	ug/L	84	13			70 (75)	130 (118)	20 (20)
	1,2,4,5-Tetrachlorobenzene	50	49.2	ug/L	98	1			70 (72)	130 (101)	20 (20)
	1,4-Dioxane	50	39.6	ug/L	79	0			20 (38)	160 (125)	20 (20)
	2,3,4,6-Tetrachlorophenol	50	48.7	ug/L	97	1			70 (63)	130 (116)	20 (20)

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