Alliance TECHNICAL GROUP
284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
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Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: Q2008

Client: JACOBS Engineering Group, Inc.

Analytical Method: SW8270E

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Limits Low	Limits High	RPD
Lab Sample ID: Q1993-02MS		**Client Sample ID: MW-3-20250508MS**						**DataFile: BF142341.D**			
Benzaldehyde	50	0	36.1	ug/L	72				20 (10)	160 (137)	
Phenol	50	0	15.7	ug/L	31				20 (10)	160 (130)	
bis(2-Chloroethyl)ether	50	0	35.0	ug/L	70				70 (29)	130 (141)	
2-Chlorophenol	50	0	37.4	ug/L	75				70 (23)	130 (127)	
2-Methylphenol	50	0	31.8	ug/L	64	*			70 (60)	130 (131)	
2,2-oxybis(1-Chloropropane)	50	0	39.4	ug/L	79				70 (36)	130 (141)	
Acetophenone	50	0	43.2	ug/L	86				70 (31)	130 (164)	
3+4-Methylphenols	50	0	28.6	ug/L	57				20 (54)	160 (136)	
N-Nitroso-di-n-propylamine	50	0	42.9	ug/L	86				70 (36)	130 (147)	
Hexachloroethane	50	0	34.3	ug/L	69				20 (19)	160 (146)	
Nitrobenzene	50	0	46.3	ug/L	93				70 (62)	130 (112)	
Isophorone	50	0	44.7	ug/L	89				70 (39)	130 (146)	
2-Nitrophenol	50	0	49.6	ug/L	99				70 (30)	130 (148)	
2,4-Dimethylphenol	50	0	42.1	ug/L	84				70 (17)	130 (143)	
bis(2-Chloroethoxy)methane	50	0	43.8	ug/L	88				70 (39)	130 (143)	
2,4-Dichlorophenol	50	0	44.5	ug/L	89				70 (22)	130 (146)	
Naphthalene	50	0	40.6	ug/L	81				70 (17)	130 (157)	
4-Chloroaniline	50	0	14.7	ug/L	29	*			70 (10)	130 (95)	
Hexachlorobutadiene	50	0	38.4	ug/L	77				70 (52)	130 (125)	
Caprolactam	50	0	9.30	ug/L	19	*			20 (10)	160 (130)	
4-Chloro-3-methylphenol	50	0	40.8	ug/L	82				70 (17)	130 (148)	
2-Methylnaphthalene	50	0	42.6	ug/L	85				70 (38)	130 (146)	
Hexachlorocyclopentadiene	100	0	77.1	ug/L	77				20 (20)	160 (153)	
2,4,6-Trichlorophenol	50	0	48.7	ug/L	97				70 (78)	130 (112)	
2,4,5-Trichlorophenol	50	0	46.2	ug/L	92				70 (71)	130 (111)	
1,1-Biphenyl	50	0	43.3	ug/L	87				70 (38)	130 (154)	
2-Chloronaphthalene	50	0	42.8	ug/L	86				70 (41)	130 (145)	
2-Nitroaniline	50	0	52.4	ug/L	105				70 (39)	130 (151)	
Dimethylphthalate	50	0	46.5	ug/L	93				70 (42)	130 (147)	
Acenaphthylene	50	0	43.0	ug/L	86				70 (40)	130 (141)	
2,6-Dinitrotoluene	50	0	53.9	ug/L	108				70 (43)	130 (148)	
3-Nitroaniline	50	0	25.2	ug/L	50	*			70 (10)	130 (111)	
Acenaphthene	50	0	47.5	ug/L	95				70 (37)	130 (146)	
2,4-Dinitrophenol	100	0	98.5	ug/L	99				20 (14)	160 (167)	
4-Nitrophenol	100	0	37.0	ug/L	37				20 (10)	160 (130)	
Dibenzofuran	50	0	42.9	ug/L	86				70 (41)	130 (145)	
2,4-Dinitrotoluene	50	0	56.1	ug/L	112				70 (74)	130 (137)	
Diethylphthalate	50	41.1	70.9	ug/L	60	*			70 (41)	130 (148)	
4-Chlorophenyl-phenylether	50	0	43.6	ug/L	87				70 (38)	130 (149)	
Fluorene	50	0	42.6	ug/L	85				70 (39)	130 (144)	
4-Nitroaniline	50	0	51.9	ug/L	104				70 (27)	130 (138)	
4,6-Dinitro-2-methylphenol	50	0	53.7	ug/L	107				70 (32)	130 (175)	
N-Nitrosodiphenylamine	50	0	47.6	ug/L	95				70 (40)	130 (150)	
4-Bromophenyl-phenylether	50	0	48.4	ug/L	97				70 (42)	130 (151)	
Hexachlorobenzene	50	0	47.7	ug/L	95				70 (72)	130 (115)	
Atrazine	50	0	48.2	ug/L	96				70 (20)	130 (162)	

( ) = LABORATORY INHOUSE LIMIT

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Pentachlorophenol	100	0	100	ug/L	100				20 (52)	160 (162)	
Phenanthrene	50	0	44.0	ug/L	88				70 (40)	130 (147)	
Anthracene	50	0	43.9	ug/L	88				70 (41)	130 (146)	
Carbazole	50	0	41.1	ug/L	82				70 (37)	130 (154)	
Di-n-butylphthalate	50	0	52.0	ug/L	104				70 (40)	130 (151)	
Fluoranthene	50	0	39.5	ug/L	79				70 (42)	130 (146)	
Pyrene	50	0	40.2	ug/L	80				70 (41)	130 (149)	
Butylbenzylphthalate	50	0	54.8	ug/L	110				70 (39)	130 (155)	
3,3-Dichlorobenzidine	50	0	40.5	ug/L	81				70 (10)	130 (114)	
Benzo(a)anthracene	50	0	46.2	ug/L	92				70 (41)	130 (147)	
Chrysene	50	0	45.3	ug/L	91				70 (44)	130 (144)	
bis(2-Ethylhexyl)phthalate	50	8.70	59.5	ug/L	102				70 (33)	130 (160)	
Di-n-octyl phthalate	50	0	52.5	ug/L	105				70 (36)	130 (158)	
Benzo(b)fluoranthene	50	0	46.9	ug/L	94				70 (40)	130 (150)	
Benzo(k)fluoranthene	50	0	46.3	ug/L	93				70 (40)	130 (147)	
Benzo(a)pyrene	50	0	47.6	ug/L	95				70 (42)	130 (147)	
Indeno(1,2,3-cd)pyrene	50	0	35.7	ug/L	71				70 (30)	130 (166)	
Dibenz(a,h)anthracene	50	0	36.2	ug/L	72				70 (23)	130 (172)	
Benzo(g,h,i)perylene	50	0	31.9	ug/L	64	*			70 (27)	130 (167)	
1,2,4,5-Tetrachlorobenzene	50	0	42.5	ug/L	85				70 (89)	130 (102)	
1,4-Dioxane	50	0	17.9	ug/L	36				20 (38)	160 (130)	
2,3,4,6-Tetrachlorophenol	50	0	49.1	ug/L	98				70 (91)	130 (111)	

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