

Matrix Spike/Matrix Spike Duplicate Summary
SW-846

SDG No.: **O5252**

Client: **RMJ Environomics, Inc.**

Analytical Method: **SW8270E**

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Low	Limits High	RPD
Lab Sample ID:	O5257-05MS	Client Sample ID:	WC-2MS					DataFile:	BF136162.D		
Benzaldehyde	1100	0	330	ug/Kg	30				20 (26)	160 (163)	
Phenol	1100	0	1000	ug/Kg	91				20 (67)	160 (126)	
bis(2-Chloroethyl)ether	1100	0	1000	ug/Kg	91				70 (74)	130 (116)	
2-Chlorophenol	1100	0	1100	ug/Kg	100				70 (61)	130 (138)	
2-Methylphenol	1100	0	950	ug/Kg	86				70 (66)	130 (122)	
2,2-oxybis(1-Chloropropane)	1100	0	970	ug/Kg	88				70 (52)	130 (115)	
Acetophenone	1100	0	1100	ug/Kg	100				70 (75)	130 (111)	
3+4-Methylphenols	1100	0	980	ug/Kg	89				20 (53)	160 (132)	
N-Nitroso-di-n-propylamine	1100	0	1000	ug/Kg	91				70 (59)	130 (119)	
Hexachloroethane	1100	0	1100	ug/Kg	100				20 (65)	160 (117)	
Nitrobenzene	1100	0	1100	ug/Kg	100				70 (70)	130 (119)	
Isophorone	1100	0	1100	ug/Kg	100				70 (76)	130 (122)	
2-Nitrophenol	1100	0	1200	ug/Kg	109				70 (54)	130 (145)	
2,4-Dimethylphenol	1100	0	960	ug/Kg	87				70 (83)	130 (144)	
bis(2-Chloroethoxy)methane	1100	0	1000	ug/Kg	91				70 (68)	130 (112)	
2,4-Dichlorophenol	1100	0	1100	ug/Kg	100				70 (72)	130 (118)	
Naphthalene	1100	0	1100	ug/Kg	100				70 (72)	130 (110)	
4-Chloroaniline	1100	0	260	ug/Kg	24	*			70 (10)	130 (100)	
Hexachlorobutadiene	1100	0	1200	ug/Kg	109				70 (66)	130 (114)	
Caprolactam	1100	0	1100	ug/Kg	100				20 (51)	160 (134)	
4-Chloro-3-methylphenol	1100	0	1100	ug/Kg	100				70 (57)	130 (132)	
2-Methylnaphthalene	1100	0	1000	ug/Kg	91				70 (59)	130 (123)	
Hexachlorocyclopentadiene	2200	0	1400	ug/Kg	64				20 (10)	160 (175)	
2,4,6-Trichlorophenol	1100	0	1100	ug/Kg	100				70 (72)	130 (117)	
2,4,5-Trichlorophenol	1100	0	1000	ug/Kg	91				70 (72)	130 (117)	
1,1-Biphenyl	1100	0	1100	ug/Kg	100				70 (75)	130 (113)	
2-Chloronaphthalene	1100	0	1100	ug/Kg	100				70 (67)	130 (118)	
2-Nitroaniline	1100	0	1100	ug/Kg	100				70 (69)	130 (127)	
Dimethylphthalate	1100	0	1100	ug/Kg	100				70 (70)	130 (113)	
Acenaphthylene	1100	0	1100	ug/Kg	100				70 (79)	130 (118)	
2,6-Dinitrotoluene	1100	0	1100	ug/Kg	100				70 (70)	130 (125)	
3-Nitroaniline	1100	0	660	ug/Kg	60	*			70 (20)	130 (111)	
Acenaphthene	1100	0	1000	ug/Kg	91				70 (70)	130 (121)	
2,4-Dinitrophenol	2200	0	1500	ug/Kg	68				20 (16)	160 (160)	
4-Nitrophenol	2200	0	2000	ug/Kg	91				20 (45)	160 (133)	
Dibenzofuran	1100	0	1100	ug/Kg	100				70 (72)	130 (110)	
2,4-Dinitrotoluene	1100	0	1200	ug/Kg	109				70 (55)	130 (128)	
Diethylphthalate	1100	0	1100	ug/Kg	100				70 (70)	130 (112)	
4-Chlorophenyl-phenylether	1100	0	1100	ug/Kg	100				70 (71)	130 (108)	
Fluorene	1100	0	1100	ug/Kg	100				70 (68)	130 (116)	
4-Nitroaniline	1100	0	920	ug/Kg	84				70 (55)	130 (120)	
4,6-Dinitro-2-methylphenol	1100	0	890	ug/Kg	81				70 (32)	130 (145)	
N-Nitrosodiphenylamine	1100	0	1200	ug/Kg	109				70 (73)	130 (118)	
4-Bromophenyl-phenylether	1100	0	1200	ug/Kg	109				70 (65)	130 (121)	
Hexachlorobenzene	1100	0	1200	ug/Kg	109				70 (67)	130 (118)	
Atrazine	1100	0	1500	ug/Kg	136	*			70 (79)	130 (127)	
Pentachlorophenol	2200	0	2000	ug/Kg	91				20 (47)	160 (128)	

() = LABORATORY INHOUSE LIMIT



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Parameter	Spike	Sample		Units	Rec	Rec		RPD		Limits	
		Result	Result			Qual	RPD	Qual	Low	High	RPD
Phenanthrene	1100	71.1	1200	ug/Kg	103				70 (72)	130 (113)	
Anthracene	1100	0	1100	ug/Kg	100				70 (62)	130 (124)	
Carbazole	1100	0	1000	ug/Kg	91				70 (59)	130 (119)	
Di-n-butylphthalate	1100	0	1200	ug/Kg	109				70 (69)	130 (118)	
Fluoranthene	1100	120	1100	ug/Kg	89				70 (59)	130 (125)	
Pyrene	1100	110	990	ug/Kg	80				70 (52)	130 (128)	
Butylbenzylphthalate	1100	0	1000	ug/Kg	91				70 (64)	130 (126)	
3,3-Dichlorobenzidine	1100	0	1000	ug/Kg	91				70 (10)	130 (164)	
Benzo(a)anthracene	1100	67.6	1100	ug/Kg	94				70 (71)	130 (114)	
Chrysene	1100	69.7	1100	ug/Kg	94				70 (57)	130 (121)	
bis(2-Ethylhexyl)phthalate	1100	0	1100	ug/Kg	100				70 (66)	130 (127)	
Di-n-octyl phthalate	1100	0	1300	ug/Kg	118				70 (71)	130 (126)	
Benzo(b)fluoranthene	1100	100	1300	ug/Kg	109				70 (67)	130 (121)	
Benzo(k)fluoranthene	1100	0	1100	ug/Kg	100				70 (74)	130 (114)	
Benzo(a)pyrene	1100	70.4	1100	ug/Kg	94				70 (70)	130 (142)	
Indeno(1,2,3-cd)pyrene	1100	0	810	ug/Kg	74				70 (61)	130 (125)	
Dibenz(a,h)anthracene	1100	0	810	ug/Kg	74				70 (67)	130 (130)	
Benzo(g,h,i)perylene	1100	88.2	680	ug/Kg	54	*			70 (53)	130 (140)	
1,2,4,5-Tetrachlorobenzene	1100	0	1100	ug/Kg	100				70 (69)	130 (124)	
1,4-Dioxane	1100	0	830	ug/Kg	75				20 (46)	160 (112)	
2,3,4,6-Tetrachlorophenol	1100	0	1000	ug/Kg	91				70 (56)	130 (133)	