

Matrix Spike/Matrix Spike Duplicate Summary
SW-846

SDG No.: **O2505**

Client: **Remington & Vernick Engineers**

Analytical Method: **SW8270E**

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Low	Limits High	RPD
Lab Sample ID:	O2583-04MS	Client Sample ID:	CF-24MS					DataFile:	BF133210.D		
Benzaldehyde	2000	0	2400	ug/Kg	120				20 (26)	160 (163)	
Phenol	2000	0	1900	ug/Kg	95				20 (67)	160 (126)	
bis(2-Chloroethyl)ether	2000	0	1900	ug/Kg	95				70 (74)	130 (116)	
2-Chlorophenol	2000	0	2100	ug/Kg	105				70 (61)	130 (138)	
2-Methylphenol	2000	0	1900	ug/Kg	95				70 (66)	130 (122)	
2,2-oxybis(1-Chloropropane)	2000	0	1800	ug/Kg	90				70 (52)	130 (115)	
Acetophenone	2000	0	1900	ug/Kg	95				70 (75)	130 (111)	
3+4-Methylphenols	2000	0	1800	ug/Kg	90				20 (53)	160 (132)	
N-Nitroso-di-n-propylamine	2000	0	1700	ug/Kg	85				70 (59)	130 (119)	
Hexachloroethane	2000	0	2000	ug/Kg	100				20 (65)	160 (117)	
Nitrobenzene	2000	0	1800	ug/Kg	90				70 (70)	130 (119)	
Isophorone	2000	0	1800	ug/Kg	90				70 (76)	130 (122)	
2-Nitrophenol	2000	0	1900	ug/Kg	95				70 (54)	130 (145)	
2,4-Dimethylphenol	2000	0	2000	ug/Kg	100				70 (83)	130 (144)	
bis(2-Chloroethoxy)methane	2000	0	1900	ug/Kg	95				70 (68)	130 (112)	
2,4-Dichlorophenol	2000	0	1900	ug/Kg	95				70 (72)	130 (118)	
Naphthalene	2000	0	1800	ug/Kg	90				70 (72)	130 (110)	
4-Chloroaniline	2000	0	910	ug/Kg	46	*			70 (10)	130 (100)	
Hexachlorobutadiene	2000	0	1900	ug/Kg	95				70 (66)	130 (114)	
Caprolactam	2000	0	1600	ug/Kg	80				20 (51)	160 (134)	
4-Chloro-3-methylphenol	2000	0	1900	ug/Kg	95				70 (57)	130 (132)	
2-Methylnaphthalene	2000	0	1800	ug/Kg	90				70 (59)	130 (123)	
Hexachlorocyclopentadiene	3900	0	2800	ug/Kg	72				20 (10)	160 (175)	
2,4,6-Trichlorophenol	2000	0	1500	ug/Kg	75				70 (72)	130 (117)	
2,4,5-Trichlorophenol	2000	0	1300	ug/Kg	65	*			70 (72)	130 (117)	
1,1-Biphenyl	2000	0	1800	ug/Kg	90				70 (75)	130 (113)	
2-Chloronaphthalene	2000	0	1900	ug/Kg	95				70 (67)	130 (118)	
2-Nitroaniline	2000	0	1900	ug/Kg	95				70 (69)	130 (127)	
Dimethylphthalate	2000	0	1900	ug/Kg	95				70 (70)	130 (113)	
Acenaphthylene	2000	0	1800	ug/Kg	90				70 (79)	130 (118)	
2,6-Dinitrotoluene	2000	0	1900	ug/Kg	95				70 (70)	130 (125)	
3-Nitroaniline	2000	0	1400	ug/Kg	70				70 (20)	130 (111)	
Acenaphthene	2000	0	1700	ug/Kg	85				70 (70)	130 (121)	
2,4-Dinitrophenol	3900	0	0	ug/Kg	0	*			20 (16)	160 (160)	
4-Nitrophenol	3900	0	2000	ug/Kg	51				20 (45)	160 (133)	
Dibenzofuran	2000	0	1800	ug/Kg	90				70 (72)	130 (110)	
2,4-Dinitrotoluene	2000	0	1900	ug/Kg	95				70 (55)	130 (128)	
Diethylphthalate	2000	0	1900	ug/Kg	95				70 (70)	130 (112)	
4-Chlorophenyl-phenylether	2000	0	1800	ug/Kg	90				70 (71)	130 (108)	
Fluorene	2000	0	1800	ug/Kg	90				70 (68)	130 (116)	
4-Nitroaniline	2000	0	2000	ug/Kg	100				70 (55)	130 (120)	
4,6-Dinitro-2-methylphenol	2000	0	0	ug/Kg	0	*			70 (32)	130 (145)	
N-Nitrosodiphenylamine	2000	0	2000	ug/Kg	100				70 (73)	130 (118)	
4-Bromophenyl-phenylether	2000	0	1900	ug/Kg	95				70 (65)	130 (121)	
Hexachlorobenzene	2000	0	2000	ug/Kg	100				70 (67)	130 (118)	
Atrazine	2000	0	2200	ug/Kg	110				70 (79)	130 (127)	
Pentachlorophenol	3900	0	380	ug/Kg	10	*			20 (47)	160 (128)	

() = LABORATORY INHOUSE LIMIT



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Parameter	Spike	Sample	Result	Units	Rec	Rec	RPD	RPD	Limits		
		Qual				RPD		Qual	Low	High	RPD
Phenanthrene	2000	0	1800	ug/Kg	90				70 (72)	130 (113)	
Anthracene	2000	0	1800	ug/Kg	90				70 (62)	130 (124)	
Carbazole	2000	0	1800	ug/Kg	90				70 (59)	130 (119)	
Di-n-butylphthalate	2000	0	2000	ug/Kg	100				70 (69)	130 (118)	
Fluoranthene	2000	0	1500	ug/Kg	75				70 (59)	130 (125)	
Pyrene	2000	0	2000	ug/Kg	100				70 (52)	130 (128)	
Butylbenzylphthalate	2000	0	2400	ug/Kg	120				70 (64)	130 (126)	
3,3-Dichlorobenzidine	2000	0	1500	ug/Kg	75				70 (10)	130 (164)	
Benzo(a)anthracene	2000	0	1800	ug/Kg	90				70 (71)	130 (114)	
Chrysene	2000	0	1900	ug/Kg	95				70 (57)	130 (121)	
bis(2-Ethylhexyl)phthalate	2000	0	2200	ug/Kg	110				70 (66)	130 (127)	
Di-n-octyl phthalate	2000	0	2600	ug/Kg	130				70 (71)	130 (126)	
Benzo(b)fluoranthene	2000	0	1900	ug/Kg	95				70 (67)	130 (121)	
Benzo(k)fluoranthene	2000	0	1800	ug/Kg	90				70 (74)	130 (114)	
Benzo(a)pyrene	2000	0	1800	ug/Kg	90				70 (70)	130 (142)	
Indeno(1,2,3-cd)pyrene	2000	0	1900	ug/Kg	95				70 (61)	130 (125)	
Dibenz(a,h)anthracene	2000	0	1900	ug/Kg	95				70 (67)	130 (130)	
Benzo(g,h,i)perylene	2000	0	1700	ug/Kg	85				70 (53)	130 (140)	
1,2,4,5-Tetrachlorobenzene	2000	0	1800	ug/Kg	90				70 (69)	130 (124)	
1,4-Dioxane	2000	0	1800	ug/Kg	90				20 (46)	160 (112)	
2,3,4,6-Tetrachlorophenol	2000	0	870	ug/Kg	44	*			70 (56)	130 (133)	