

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: Q3586

Analytical Method: SW8270E

Client: Remington & Vernick Engineers

DataFile: BP026093.D

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Low	Limits High	RPD
Lab Sample ID:	Q3586-03MS	Client Sample ID:	SED-3MS								
Benzaldehyde	3300	0	2600	ug/Kg	79				20 (20)	160 (111)	
Phenol	3300	0	3000	ug/Kg	91				20 (51)	160 (122)	
bis(2-Chloroethyl)ether	3300	0	2700	ug/Kg	82				70 (67)	130 (110)	
2-Chlorophenol	3300	0	3100	ug/Kg	94				70 (67)	130 (119)	
2-Methylphenol	3300	0	3000	ug/Kg	91				70 (68)	130 (116)	
2,2-oxybis(1-Chloropropane)	3300	0	2500	ug/Kg	76				70 (59)	130 (113)	
Acetophenone	3300	0	2900	ug/Kg	88				70 (55)	130 (128)	
3+4-Methylphenols	3300	0	2900	ug/Kg	88				20 (70)	160 (111)	
N-Nitroso-di-n-propylamine	3300	0	2800	ug/Kg	85				70 (59)	130 (119)	
Hexachloroethane	3300	0	2900	ug/Kg	88				20 (65)	160 (115)	
Nitrobenzene	3300	0	3000	ug/Kg	91				70 (66)	130 (120)	
Isophorone	3300	0	2800	ug/Kg	85				70 (67)	130 (113)	
2-Nitrophenol	3300	0	4100	ug/Kg	124				70 (69)	130 (135)	
2,4-Dimethylphenol	3300	0	3300	ug/Kg	100				70 (63)	130 (151)	
bis(2-Chloroethoxy)methane	3300	0	2800	ug/Kg	85				70 (70)	130 (112)	
2,4-Dichlorophenol	3300	0	3200	ug/Kg	97				70 (70)	130 (121)	
Naphthalene	3300	0	2800	ug/Kg	85				70 (66)	130 (113)	
4-Chloroaniline	3300	0	1300	ug/Kg	39	*			70 (10)	130 (100)	
Hexachlorobutadiene	3300	0	2900	ug/Kg	88				70 (67)	130 (118)	
Caprolactam	3300	0	3200	ug/Kg	97				20 (51)	160 (134)	
4-Chloro-3-methylphenol	3300	0	3200	ug/Kg	97				70 (71)	130 (118)	
2-Methylnaphthalene	3300	0	2600	ug/Kg	79				70 (59)	130 (123)	
Hexachlorocyclopentadiene	6500	0	8600	ug/Kg	132				20 (16)	160 (175)	
2,4,6-Trichlorophenol	3300	0	3400	ug/Kg	103				70 (67)	130 (128)	
2,4,5-Trichlorophenol	3300	0	3300	ug/Kg	100				70 (69)	130 (123)	
1,1-Biphenyl	3300	0	2800	ug/Kg	85				70 (69)	130 (126)	
2-Chloronaphthalene	3300	0	2800	ug/Kg	85				70 (71)	130 (113)	
2-Nitroaniline	3300	0	3100	ug/Kg	94				70 (73)	130 (125)	
Dimethylphthalate	3300	0	2900	ug/Kg	88				70 (72)	130 (116)	
Acenaphthylene	3300	0	3300	ug/Kg	100				70 (69)	130 (128)	
2,6-Dinitrotoluene	3300	0	3400	ug/Kg	103				70 (67)	130 (141)	
3-Nitroaniline	3300	0	1900	ug/Kg	58	*			70 (28)	130 (102)	
Acenaphthene	3300	0	2700	ug/Kg	82				70 (70)	130 (121)	
2,4-Dinitrophenol	6500	0	7200	ug/Kg	111				20 (10)	160 (164)	
4-Nitrophenol	6500	0	6800	ug/Kg	105				20 (49)	160 (133)	
Dibenzofuran	3300	0	2800	ug/Kg	85				70 (71)	130 (111)	
2,4-Dinitrotoluene	3300	0	3400	ug/Kg	103				70 (73)	130 (130)	
Diethylphthalate	3300	0	3000	ug/Kg	91				70 (73)	130 (116)	
4-Chlorophenyl-phenylether	3300	0	2800	ug/Kg	85				70 (72)	130 (112)	
Fluorene	3300	0	2900	ug/Kg	88				70 (67)	130 (114)	
4-Nitroaniline	3300	0	3400	ug/Kg	103				70 (61)	130 (128)	
4,6-Dinitro-2-methylphenol	3300	0	4000	ug/Kg	121				70 (25)	130 (163)	
N-Nitrosodiphenylamine	3300	0	2900	ug/Kg	88				70 (73)	130 (118)	
4-Bromophenyl-phenylether	3300	0	2900	ug/Kg	88				70 (65)	130 (121)	
Hexachlorobenzene	3300	0	2900	ug/Kg	88				70 (67)	130 (118)	
Atrazine	3300	0	3300	ug/Kg	100				70 (79)	130 (127)	

() = LABORATORY INHOUSE LIMIT

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Pentachlorophenol	6500	0	6900	ug/Kg	106				20 (39)	160 (145)	
Phenanthrene	3300	0	2800	ug/Kg	85				70 (52)	130 (128)	
Anthracene	3300	0	2900	ug/Kg	88				70 (62)	130 (124)	
Carbazole	3300	0	3000	ug/Kg	91				70 (73)	130 (115)	
Di-n-butylphthalate	3300	0	3200	ug/Kg	97				70 (72)	130 (129)	
Fluoranthene	3300	0	3000	ug/Kg	91				70 (31)	130 (152)	
Pyrene	3300	0	2800	ug/Kg	85				70 (37)	130 (122)	
Butylbenzylphthalate	3300	0	3300	ug/Kg	100				70 (59)	130 (151)	
3,3-Dichlorobenzidine	3300	0	2200	ug/Kg	67	*			70 (10)	130 (116)	
Benzo(a)anthracene	3300	0	2900	ug/Kg	88				70 (53)	130 (119)	
Chrysene	3300	0	2900	ug/Kg	88				70 (57)	130 (121)	
bis(2-Ethylhexyl)phthalate	3300	200	3100	ug/Kg	88				70 (64)	130 (139)	
Di-n-octyl phthalate	3300	0	3700	ug/Kg	112				70 (51)	130 (156)	
Benzo(b)fluoranthene	3300	0	2800	ug/Kg	85				70 (52)	130 (117)	
Benzo(k)fluoranthene	3300	0	2800	ug/Kg	85				70 (57)	130 (134)	
Benzo(a)pyrene	3300	0	3000	ug/Kg	91				70 (70)	130 (142)	
Indeno(1,2,3-cd)pyrene	3300	0	3000	ug/Kg	91				70 (48)	130 (129)	
Dibenz(a,h)anthracene	3300	0	3000	ug/Kg	91				70 (43)	130 (123)	
Benzo(g,h,i)perylene	3300	0	3100	ug/Kg	94				70 (40)	130 (133)	
1,2,4,5-Tetrachlorobenzene	3300	0	2800	ug/Kg	85				70 (65)	130 (132)	
1,4-Dioxane	3300	0	2500	ug/Kg	76				20 (46)	160 (112)	
2,3,4,6-Tetrachlorophenol	3300	0	3700	ug/Kg	112				70 (56)	130 (141)	