

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: Q3649

Analytical Method: SW8270E

Client: HDR, Inc.

DataFile: BG064796.D

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Low	Limits High	RPD
Lab Sample ID: Q3649-08MS		Client Sample ID: B3-0.0-0.5-20251114MS									
Benzaldehyde	1900	0	1300	ug/Kg	68				20 (20)	160 (111)	
Phenol	1900	0	2000	ug/Kg	105				20 (51)	160 (122)	
bis(2-Chloroethyl)ether	1900	0	1800	ug/Kg	95				70 (67)	130 (110)	
2-Chlorophenol	1900	0	1900	ug/Kg	100				70 (67)	130 (119)	
2-Methylphenol	1900	0	1900	ug/Kg	100				70 (68)	130 (116)	
2,2-oxybis(1-Chloropropane)	1900	0	1700	ug/Kg	89				70 (59)	130 (113)	
Acetophenone	1900	0	1800	ug/Kg	95				70 (55)	130 (128)	
3+4-Methylphenols	1900	0	1900	ug/Kg	100				20 (70)	160 (111)	
N-Nitroso-di-n-propylamine	1900	0	1800	ug/Kg	95				70 (59)	130 (119)	
Hexachloroethane	1900	0	1800	ug/Kg	95				20 (65)	160 (115)	
Nitrobenzene	1900	0	1800	ug/Kg	95				70 (66)	130 (120)	
Isophorone	1900	0	1800	ug/Kg	95				70 (67)	130 (113)	
2-Nitrophenol	1900	0	2000	ug/Kg	105				70 (69)	130 (135)	
2,4-Dimethylphenol	1900	0	1900	ug/Kg	100				70 (63)	130 (151)	
bis(2-Chloroethoxy)methane	1900	0	1900	ug/Kg	100				70 (70)	130 (112)	
2,4-Dichlorophenol	1900	0	2000	ug/Kg	105				70 (70)	130 (121)	
Naphthalene	1900	0	1800	ug/Kg	95				70 (66)	130 (113)	
4-Chloroaniline	1900	0	450	ug/Kg	24	*			70 (10)	130 (100)	
Hexachlorobutadiene	1900	0	1700	ug/Kg	89				70 (67)	130 (118)	
Caprolactam	1900	0	1900	ug/Kg	100				20 (51)	160 (134)	
4-Chloro-3-methylphenol	1900	0	2000	ug/Kg	105				70 (71)	130 (118)	
2-Methylnaphthalene	1900	0	1600	ug/Kg	84				70 (59)	130 (123)	
Hexachlorocyclopentadiene	3900	0	3500	ug/Kg	90				20 (16)	160 (175)	
2,4,6-Trichlorophenol	1900	0	1900	ug/Kg	100				70 (67)	130 (128)	
2,4,5-Trichlorophenol	1900	0	1900	ug/Kg	100				70 (69)	130 (123)	
1,1-Biphenyl	1900	0	1900	ug/Kg	100				70 (69)	130 (126)	
2-Chloronaphthalene	1900	0	1800	ug/Kg	95				70 (71)	130 (113)	
2-Nitroaniline	1900	0	2000	ug/Kg	105				70 (73)	130 (125)	
Dimethylphthalate	1900	0	1800	ug/Kg	95				70 (72)	130 (116)	
Acenaphthylene	1900	0	1900	ug/Kg	100				70 (69)	130 (128)	
2,6-Dinitrotoluene	1900	0	2000	ug/Kg	105				70 (67)	130 (141)	
3-Nitroaniline	1900	0	810	ug/Kg	43	*			70 (28)	130 (102)	
Acenaphthene	1900	0	2100	ug/Kg	111				70 (70)	130 (121)	
2,4-Dinitrophenol	3900	0	3800	ug/Kg	97				20 (10)	160 (164)	
4-Nitrophenol	3900	0	4100	ug/Kg	105				20 (49)	160 (133)	
Dibenzofuran	1900	0	1800	ug/Kg	95				70 (71)	130 (111)	
2,4-Dinitrotoluene	1900	0	2000	ug/Kg	105				70 (73)	130 (130)	
Diethylphthalate	1900	0	1800	ug/Kg	95				70 (73)	130 (116)	
4-Chlorophenyl-phenylether	1900	0	1800	ug/Kg	95				70 (72)	130 (112)	
Fluorene	1900	0	1800	ug/Kg	95				70 (67)	130 (114)	
4-Nitroaniline	1900	0	1800	ug/Kg	95				70 (61)	130 (128)	
4,6-Dinitro-2-methylphenol	1900	0	2200	ug/Kg	116				70 (25)	130 (163)	
N-Nitrosodiphenylamine	1900	0	1900	ug/Kg	100				70 (73)	130 (118)	
4-Bromophenyl-phenylether	1900	0	1900	ug/Kg	100				70 (65)	130 (121)	
Hexachlorobenzene	1900	0	1800	ug/Kg	95				70 (67)	130 (118)	
Atrazine	1900	0	1900	ug/Kg	100				70 (79)	130 (127)	

() = LABORATORY INHOUSE LIMIT

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Pentachlorophenol	3900	0	3900	ug/Kg	100				20 (39)	160 (145)	
Phenanthrene	1900	0	1900	ug/Kg	100				70 (52)	130 (128)	
Anthracene	1900	0	1900	ug/Kg	100				70 (62)	130 (124)	
Carbazole	1900	0	1900	ug/Kg	100				70 (73)	130 (115)	
Di-n-butylphthalate	1900	0	1900	ug/Kg	100				70 (72)	130 (129)	
Fluoranthene	1900	0	1800	ug/Kg	95				70 (31)	130 (152)	
Pyrene	1900	0	2000	ug/Kg	105				70 (37)	130 (122)	
Butylbenzylphthalate	1900	0	2000	ug/Kg	105				70 (59)	130 (151)	
3,3-Dichlorobenzidine	1900	0	770	ug/Kg	41	*			70 (10)	130 (116)	
Benzo(a)anthracene	1900	0	1800	ug/Kg	95				70 (53)	130 (119)	
Chrysene	1900	0	1800	ug/Kg	95				70 (57)	130 (121)	
bis(2-Ethylhexyl)phthalate	1900	0	1900	ug/Kg	100				70 (64)	130 (139)	
Di-n-octyl phthalate	1900	0	1900	ug/Kg	100				70 (51)	130 (156)	
Benzo(b)fluoranthene	1900	0	1900	ug/Kg	100				70 (52)	130 (117)	
Benzo(k)fluoranthene	1900	0	1900	ug/Kg	100				70 (57)	130 (134)	
Benzo(a)pyrene	1900	0	1900	ug/Kg	100				70 (70)	130 (142)	
Indeno(1,2,3-cd)pyrene	1900	0	2000	ug/Kg	105				70 (48)	130 (129)	
Dibenz(a,h)anthracene	1900	0	2000	ug/Kg	105				70 (43)	130 (123)	
Benzo(g,h,i)perylene	1900	0	2000	ug/Kg	105				70 (40)	130 (133)	
1,2,4,5-Tetrachlorobenzene	1900	0	1800	ug/Kg	95				70 (65)	130 (132)	
1,4-Dioxane	1900	0	1600	ug/Kg	84				20 (46)	160 (112)	
2,3,4,6-Tetrachlorophenol	1900	0	2000	ug/Kg	105				70 (56)	130 (141)	