

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: Q1574

Client: G Environmental

Analytical Method: SW8270E

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Low	Limits High	RPD
Lab Sample ID:	Q1585-01MS	Client Sample ID:	OK-02-03142025MS					DataFile:	BF141980.D		
Benzaldehyde	1000	0	390	ug/Kg	39				20 (10)	160 (86)	
Phenol	1000	0	880	ug/Kg	88				20 (67)	160 (126)	
bis(2-Chloroethyl)ether	1000	0	930	ug/Kg	93				70 (54)	130 (125)	
2-Chlorophenol	1000	0	910	ug/Kg	91				70 (79)	130 (107)	
2-Methylphenol	1000	0	870	ug/Kg	87				70 (66)	130 (122)	
2,2-oxybis(1-Chloropropane)	1000	0	840	ug/Kg	84				70 (65)	130 (110)	
Acetophenone	1000	0	1100	ug/Kg	110				70 (75)	130 (111)	
3+4-Methylphenols	1000	0	870	ug/Kg	87				20 (66)	160 (104)	
N-Nitroso-di-n-propylamine	1000	0	850	ug/Kg	85				70 (59)	130 (119)	
Hexachloroethane	1000	0	890	ug/Kg	89				20 (65)	160 (117)	
Nitrobenzene	1000	0	950	ug/Kg	95				70 (70)	130 (119)	
Isophorone	1000	0	970	ug/Kg	97				70 (76)	130 (122)	
2-Nitrophenol	1000	0	890	ug/Kg	89				70 (54)	130 (145)	
2,4-Dimethylphenol	1000	0	1100	ug/Kg	110				70 (44)	130 (135)	
bis(2-Chloroethoxy)methane	1000	0	940	ug/Kg	94				70 (68)	130 (112)	
2,4-Dichlorophenol	1000	0	890	ug/Kg	89				70 (72)	130 (118)	
Naphthalene	1000	0	930	ug/Kg	93				70 (72)	130 (110)	
4-Chloroaniline	1000	0	330	ug/Kg	33	*			70 (10)	130 (91)	
Hexachlorobutadiene	1000	0	990	ug/Kg	99				70 (66)	130 (114)	
Caprolactam	1000	0	950	ug/Kg	95				20 (51)	160 (134)	
4-Chloro-3-methylphenol	1000	0	810	ug/Kg	81				70 (57)	130 (132)	
2-Methylnaphthalene	1000	0	860	ug/Kg	86				70 (59)	130 (123)	
Hexachlorocyclopentadiene	2100	0	1300	ug/Kg	62				20 (10)	160 (175)	
2,4,6-Trichlorophenol	1000	0	960	ug/Kg	96				70 (72)	130 (117)	
2,4,5-Trichlorophenol	1000	0	970	ug/Kg	97				70 (72)	130 (117)	
1,1-Biphenyl	1000	0	1100	ug/Kg	110				70 (75)	130 (113)	
2-Chloronaphthalene	1000	0	970	ug/Kg	97				70 (67)	130 (118)	
2-Nitroaniline	1000	0	980	ug/Kg	98				70 (69)	130 (127)	
Dimethylphthalate	1000	0	990	ug/Kg	99				70 (70)	130 (113)	
Acenaphthylene	1000	150	1100	ug/Kg	95				70 (79)	130 (118)	
2,6-Dinitrotoluene	1000	0	920	ug/Kg	92				70 (70)	130 (125)	
3-Nitroaniline	1000	0	800	ug/Kg	80				70 (30)	130 (99)	
Acenaphthene	1000	120	980	ug/Kg	86				70 (70)	130 (121)	
2,4-Dinitrophenol	2100	0	580	ug/Kg	28				20 (10)	160 (155)	
4-Nitrophenol	2100	0	2100	ug/Kg	100				20 (45)	160 (133)	
Dibenzofuran	1000	0	950	ug/Kg	95				70 (72)	130 (110)	
2,4-Dinitrotoluene	1000	0	920	ug/Kg	92				70 (55)	130 (128)	
Diethylphthalate	1000	0	940	ug/Kg	94				70 (70)	130 (112)	
4-Chlorophenyl-phenylether	1000	0	920	ug/Kg	92				70 (71)	130 (108)	
Fluorene	1000	200	1100	ug/Kg	90				70 (68)	130 (116)	
4-Nitroaniline	1000	0	850	ug/Kg	85				70 (55)	130 (120)	
4,6-Dinitro-2-methylphenol	1000	0	230	ug/Kg	23	*			70 (10)	130 (160)	
N-Nitrosodiphenylamine	1000	0	950	ug/Kg	95				70 (73)	130 (118)	
4-Bromophenyl-phenylether	1000	0	900	ug/Kg	90				70 (65)	130 (121)	
Hexachlorobenzene	1000	0	910	ug/Kg	91				70 (67)	130 (118)	
Atrazine	1000	0	1200	ug/Kg	120				70 (79)	130 (127)	

() = LABORATORY INHOUSE LIMIT

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Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Low	Limits High	RPD
Pentachlorophenol	2100	0	1900	ug/Kg	90				20 (47)	160 (128)	
Phenanthrene	1000	1100	1700	ug/Kg	60	*			70 (52)	130 (128)	
Anthracene	1000	280	1100	ug/Kg	82				70 (62)	130 (124)	
Carbazole	1000	140	1100	ug/Kg	96				70 (59)	130 (119)	
Di-n-butylphthalate	1000	0	940	ug/Kg	94				70 (69)	130 (118)	
Fluoranthene	1000	1300	1800	ug/Kg	50	*			70 (44)	130 (125)	
Pyrene	1000	790	1500	ug/Kg	71				70 (26)	130 (142)	
Butylbenzylphthalate	1000	0	910	ug/Kg	91				70 (64)	130 (126)	
3,3-Dichlorobenzidine	1000	0	890	ug/Kg	89				70 (33)	130 (116)	
Benzo(a)anthracene	1000	630	1300	ug/Kg	67	*			70 (71)	130 (114)	
Chrysene	1000	630	1300	ug/Kg	67	*			70 (57)	130 (121)	
bis(2-Ethylhexyl)phthalate	1000	91.3	930	ug/Kg	84				70 (42)	130 (169)	
Di-n-octyl phthalate	1000	0	1000	ug/Kg	100				70 (23)	130 (175)	
Benzo(b)fluoranthene	1000	640	1400	ug/Kg	76				70 (67)	130 (121)	
Benzo(k)fluoranthene	1000	310	990	ug/Kg	68	*			70 (57)	130 (134)	
Benzo(a)pyrene	1000	570	1300	ug/Kg	73				70 (70)	130 (142)	
Indeno(1,2,3-cd)pyrene	1000	240	1000	ug/Kg	76				70 (40)	130 (129)	
Dibenz(a,h)anthracene	1000	0	880	ug/Kg	88				70 (43)	130 (123)	
Benzo(g,h,i)perylene	1000	310	1000	ug/Kg	69	*			70 (24)	130 (125)	
1,2,4,5-Tetrachlorobenzene	1000	0	1100	ug/Kg	110				70 (69)	130 (124)	
1,4-Dioxane	1000	0	970	ug/Kg	97				20 (46)	160 (112)	
2,3,4,6-Tetrachlorophenol	1000	0	880	ug/Kg	88				70 (69)	130 (112)	