

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: Q1447

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:	Q1475-01MSD	Client Sample ID:	TR-04-02282025MSD					DataFile:	BF141820.D		
Benzaldehyde	1100	0	530	ug/Kg	48		4		20 (10)	160 (86)	30 (20)
Phenol	1100	0	1000	ug/Kg	91		0		20 (67)	160 (126)	30 (20)
bis(2-Chloroethyl)ether	1100	0	960	ug/Kg	87		2		70 (54)	130 (125)	30 (20)
2-Chlorophenol	1100	0	1000	ug/Kg	91		6		70 (79)	130 (107)	30 (20)
2-Methylphenol	1100	0	1000	ug/Kg	91		3		70 (66)	130 (122)	30 (20)
2,2-oxybis(1-Chloropropane)	1100	0	980	ug/Kg	89		5		70 (65)	130 (110)	30 (20)
Acetophenone	1100	0	1000	ug/Kg	91		0		70 (75)	130 (111)	30 (20)
3+4-Methylphenols	1100	0	1100	ug/Kg	100		9		20 (66)	160 (104)	30 (20)
N-Nitroso-di-n-propylamine	1100	0	940	ug/Kg	85		2		70 (59)	130 (119)	30 (20)
Hexachloroethane	1100	0	960	ug/Kg	87		2		20 (65)	160 (117)	30 (20)
Nitrobenzene	1100	0	1000	ug/Kg	91		0		70 (70)	130 (119)	30 (20)
Isophorone	1100	0	970	ug/Kg	88		3		70 (76)	130 (122)	30 (20)
2-Nitrophenol	1100	0	940	ug/Kg	85		6		70 (54)	130 (145)	30 (20)
2,4-Dimethylphenol	1100	0	1200	ug/Kg	109		9		70 (44)	130 (135)	30 (20)
bis(2-Chloroethoxy)methane	1100	0	900	ug/Kg	82		2		70 (68)	130 (112)	30 (20)
2,4-Dichlorophenol	1100	0	1000	ug/Kg	91		3		70 (72)	130 (118)	30 (20)
Naphthalene	1100	0	1000	ug/Kg	91		3		70 (72)	130 (110)	30 (20)
4-Chloroaniline	1100	0	380	ug/Kg	35	*	6		70 (10)	130 (91)	30 (20)
Hexachlorobutadiene	1100	0	910	ug/Kg	83		5		70 (66)	130 (114)	30 (20)
Caprolactam	1100	0	1400	ug/Kg	127		0		20 (51)	160 (134)	30 (20)
4-Chloro-3-methylphenol	1100	0	1100	ug/Kg	100		0		70 (57)	130 (132)	30 (20)
2-Methylnaphthalene	1100	57.2	1000	ug/Kg	86		0		70 (59)	130 (123)	30 (20)
Hexachlorocyclopentadiene	2200	0	1600	ug/Kg	73		16		20 (10)	160 (175)	30 (20)
2,4,6-Trichlorophenol	1100	0	1000	ug/Kg	91		7		70 (72)	130 (117)	30 (20)
2,4,5-Trichlorophenol	1100	0	1000	ug/Kg	91		9		70 (72)	130 (117)	30 (20)
1,1-Biphenyl	1100	0	1000	ug/Kg	91		0		70 (75)	130 (113)	30 (20)
2-Chloronaphthalene	1100	0	970	ug/Kg	88		3		70 (67)	130 (118)	30 (20)
2-Nitroaniline	1100	0	1100	ug/Kg	100		0		70 (69)	130 (127)	30 (20)
Dimethylphthalate	1100	0	960	ug/Kg	87		2		70 (70)	130 (113)	30 (20)
Acenaphthylene	1100	0	1100	ug/Kg	100		0		70 (79)	130 (118)	30 (20)
2,6-Dinitrotoluene	1100	0	1100	ug/Kg	100		9		70 (70)	130 (125)	30 (20)
3-Nitroaniline	1100	0	890	ug/Kg	81		3		70 (30)	130 (99)	30 (20)
Acenaphthene	1100	330	1400	ug/Kg	97		0		70 (70)	130 (121)	30 (20)
2,4-Dinitrophenol	2200	0	1800	ug/Kg	82		5		20 (10)	160 (155)	30 (20)
4-Nitrophenol	2200	0	3100	ug/Kg	141		4		20 (45)	160 (133)	30 (20)
Dibenzofuran	1100	150	1100	ug/Kg	86		0		70 (72)	130 (110)	30 (20)
2,4-Dinitrotoluene	1100	0	1300	ug/Kg	118		0		70 (55)	130 (128)	30 (20)
Diethylphthalate	1100	0	990	ug/Kg	90		1		70 (70)	130 (112)	30 (20)
4-Chlorophenyl-phenylether	1100	0	1000	ug/Kg	91		2		70 (71)	130 (108)	30 (20)
Fluorene	1100	410	1400	ug/Kg	90		0		70 (68)	130 (116)	30 (20)
4-Nitroaniline	1100	0	1400	ug/Kg	127		0		70 (55)	130 (120)	30 (20)
4,6-Dinitro-2-methylphenol	1100	0	900	ug/Kg	82		1		70 (10)	130 (160)	30 (20)
N-Nitrosodiphenylamine	1100	0	980	ug/Kg	89		6		70 (73)	130 (118)	30 (20)
4-Bromophenyl-phenylether	1100	0	940	ug/Kg	85		5		70 (65)	130 (121)	30 (20)
Hexachlorobenzene	1100	0	960	ug/Kg	87		2		70 (67)	130 (118)	30 (20)
Atrazine	1100	0	1400	ug/Kg	127		7		70 (79)	130 (127)	30 (20)

() = LABORATORY INHOUSE LIMIT

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Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Low	Limits High	RPD
Pentachlorophenol	2200	0	2000	ug/Kg	91		6		20 (47)	160 (128)	30 (20)
Phenanthrene	1100	2000	2900	ug/Kg	82		12		70 (52)	130 (128)	30 (20)
Anthracene	1100	750	1700	ug/Kg	86		0		70 (62)	130 (124)	30 (20)
Carbazole	1100	410	1400	ug/Kg	90		0		70 (59)	130 (119)	30 (20)
Di-n-butylphthalate	1100	0	1000	ug/Kg	91		1		70 (69)	130 (118)	30 (20)
Fluoranthene	1100	2500	3300	ug/Kg	73		13		70 (44)	130 (125)	30 (20)
Pyrene	1100	1900	2700	ug/Kg	73		13		70 (26)	130 (142)	30 (20)
Butylbenzylphthalate	1100	0	1100	ug/Kg	100		0		70 (64)	130 (126)	30 (20)
3,3-Dichlorobenzidine	1100	0	630	ug/Kg	57	*	9		70 (33)	130 (116)	30 (20)
Benzo(a)anthracene	1100	1400	2400	ug/Kg	91		0		70 (71)	130 (114)	30 (20)
Chrysene	1100	1100	2100	ug/Kg	91		10		70 (57)	130 (121)	30 (20)
bis(2-Ethylhexyl)phthalate	1100	0	1200	ug/Kg	109		0		70 (42)	130 (169)	30 (20)
Di-n-octyl phthalate	1100	0	1300	ug/Kg	118		8		70 (23)	130 (175)	30 (20)
Benzo(b)fluoranthene	1100	1300	2300	ug/Kg	91		0		70 (67)	130 (121)	30 (20)
Benzo(k)fluoranthene	1100	500	1400	ug/Kg	82		12		70 (57)	130 (134)	30 (20)
Benzo(a)pyrene	1100	1100	2100	ug/Kg	91		0		70 (70)	130 (142)	30 (20)
Indeno(1,2,3-cd)pyrene	1100	410	1300	ug/Kg	81		0		70 (40)	130 (129)	30 (20)
Dibenz(a,h)anthracene	1100	130	1000	ug/Kg	79		0		70 (43)	130 (123)	30 (20)
Benzo(g,h,i)perylene	1100	400	1300	ug/Kg	82		12		70 (24)	130 (125)	30 (20)
1,2,4,5-Tetrachlorobenzene	1100	0	980	ug/Kg	89		3		70 (69)	130 (124)	30 (20)
1,4-Dioxane	1100	0	920	ug/Kg	84		1		20 (46)	160 (112)	30 (20)
2,3,4,6-Tetrachlorophenol	1100	0	1100	ug/Kg	100		0		70 (69)	130 (112)	30 (20)