

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: Q2209

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:	Q2230-04MSD	Client Sample ID:	GW-MW01-060425MSD					DataFile:	BP024880.D		
Benzaldehyde	53.2	0	38.8	ug/L	73		4		20 (10)	160 (137)	20 (20)
bis(2-Chloroethyl)ether	53.2	0	50.2	ug/L	94		4		70 (29)	130 (141)	20 (20)
2,2-oxybis(1-Chloropropane)	53.2	0	44.5	ug/L	84		2		70 (36)	130 (141)	20 (20)
Acetophenone	53.2	0	55.5	ug/L	104		3		70 (31)	130 (164)	20 (20)
N-Nitroso-di-n-propylamine	53.2	0	48.1	ug/L	90		7		70 (36)	130 (147)	20 (20)
Hexachloroethane	53.2	0	24.9	ug/L	47		2		20 (19)	160 (146)	20 (20)
Nitrobenzene	53.2	0	54.8	ug/L	103		2		70 (62)	130 (112)	20 (20)
Isophorone	53.2	0	51.1	ug/L	96		3		70 (39)	130 (146)	20 (20)
bis(2-Chloroethoxy)methane	53.2	0	52.7	ug/L	99		1		70 (39)	130 (143)	20 (20)
Naphthalene	53.2	2.20	42.1	ug/L	75		4		70 (17)	130 (157)	20 (20)
4-Chloroaniline	53.2	0	28.9	ug/L	54	*	11		70 (10)	130 (95)	20 (20)
Hexachlorobutadiene	53.2	0	30.1	ug/L	57	*	4		70 (52)	130 (125)	20 (20)
Caprolactam	53.2	0	10.8	ug/L	20		10		20 (10)	160 (130)	20 (20)
2-Methylnaphthalene	53.2	0	48.6	ug/L	91		2		70 (38)	130 (146)	20 (20)
Hexachlorocyclopentadiene	110	0	70.7	ug/L	64		2		20 (20)	160 (153)	20 (20)
1,1-Biphenyl	53.2	0	52.0	ug/L	98		2		70 (38)	130 (154)	20 (20)
2-Chloronaphthalene	53.2	0	50.5	ug/L	95		2		70 (41)	130 (145)	20 (20)
2-Nitroaniline	53.2	0	49.4	ug/L	93		5		70 (39)	130 (151)	20 (20)
Dimethylphthalate	53.2	0	53.9	ug/L	101		3		70 (42)	130 (147)	20 (20)
Acenaphthylene	53.2	0	51.1	ug/L	96		1		70 (40)	130 (141)	20 (20)
2,6-Dinitrotoluene	53.2	0	55.7	ug/L	105		3		70 (43)	130 (148)	20 (20)
3-Nitroaniline	53.2	0	32.5	ug/L	61	*	6		70 (10)	130 (111)	20 (20)
Acenaphthene	53.2	0	52.7	ug/L	99		1		70 (37)	130 (146)	20 (20)
Dibenzofuran	53.2	0	52.6	ug/L	99		2		70 (41)	130 (145)	20 (20)
2,4-Dinitrotoluene	53.2	0	57.4	ug/L	108		7		70 (74)	130 (137)	20 (20)
Diethylphthalate	53.2	0	56.7	ug/L	107		2		70 (41)	130 (148)	20 (20)
4-Chlorophenyl-phenylether	53.2	0	54.1	ug/L	102		1		70 (38)	130 (149)	20 (20)
Fluorene	53.2	0	53.9	ug/L	101		2		70 (39)	130 (144)	20 (20)
4-Nitroaniline	53.2	0	44.3	ug/L	83		8		70 (27)	130 (138)	20 (20)
N-Nitrosodiphenylamine	53.2	0	53.2	ug/L	100		1		70 (40)	130 (150)	20 (20)
4-Bromophenyl-phenylether	53.2	0	56.8	ug/L	107		5		70 (42)	130 (151)	20 (20)
Hexachlorobenzene	53.2	0	55.5	ug/L	104		2		70 (72)	130 (115)	20 (20)
Atrazine	53.2	0	57.4	ug/L	108		3		70 (20)	130 (162)	20 (20)
Phenanthrene	53.2	0	53.6	ug/L	101		2		70 (40)	130 (147)	20 (20)
Anthracene	53.2	0	53.0	ug/L	100		3		70 (41)	130 (146)	20 (20)
Carbazole	53.2	0	54.8	ug/L	103		7		70 (37)	130 (154)	20 (20)
Di-n-butylphthalate	53.2	0	59.9	ug/L	113		1		70 (40)	130 (151)	20 (20)
Fluoranthene	53.2	0	54.9	ug/L	103		7		70 (42)	130 (146)	20 (20)
Pyrene	53.2	0	56.8	ug/L	107		8		70 (41)	130 (149)	20 (20)
Butylbenzylphthalate	53.2	0	63.2	ug/L	119		9		70 (39)	130 (155)	20 (20)
3,3-Dichlorobenzidine	53.2	0	18.2	ug/L	34	*	8		70 (10)	130 (114)	20 (20)
Benzo(a)anthracene	53.2	0	55.1	ug/L	104		1		70 (41)	130 (147)	20 (20)
Chrysene	53.2	0	54.7	ug/L	103		1		70 (44)	130 (144)	20 (20)
bis(2-Ethylhexyl)phthalate	53.2	0	66.5	ug/L	125		13		70 (33)	130 (160)	20 (20)
Di-n-octyl phthalate	53.2	0	64.9	ug/L	122		9		70 (36)	130 (158)	20 (20)
Benzo(b)fluoranthene	53.2	0	56.0	ug/L	105		3		70 (40)	130 (150)	20 (20)

() = LABORATORY INHOUSE LIMIT

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Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Low	Limits High	RPD
Benzo(k)fluoranthene	53.2	0	55.1	ug/L	104		2		70 (40)	130 (147)	20 (20)
Benzo(a)pyrene	53.2	0	54.8	ug/L	103		1		70 (42)	130 (147)	20 (20)
Indeno(1,2,3-cd)pyrene	53.2	0	55.3	ug/L	104		4		70 (30)	130 (166)	20 (20)
Dibenz(a,h)anthracene	53.2	0	55.8	ug/L	105		5		70 (23)	130 (172)	20 (20)
Benzo(g,h,i)perylene	53.2	0	54.4	ug/L	102		6		70 (27)	130 (167)	20 (20)
1,2,4,5-Tetrachlorobenzene	53.2	0	48.8	ug/L	92		3		70 (89)	130 (102)	20 (20)
1,4-Dioxane	53.2	0	19.4	ug/L	36		3		20 (38)	160 (130)	20 (20)