

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: Q2934

Analytical Method: SW8270E

Client: Portal Partners Tri-Venture

DataFile: BP025603.D

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Low	Limits High	RPD
Lab Sample ID:	Q2924-04MSD	Client Sample ID:	MW-201-082025MSD								
Benzaldehyde	52.6	0	37.7	ug/L	72		4		20 (10)	160 (137)	20 (20)
Phenol	52.6	0	16.4	ug/L	31		0		20 (10)	160 (130)	20 (20)
bis(2-Chloroethyl)ether	52.6	0	44.2	ug/L	84		2		70 (29)	130 (141)	20 (20)
2-Chlorophenol	52.6	0	39.6	ug/L	75		3		70 (23)	130 (127)	20 (20)
2-Methylphenol	52.6	0	34.5	ug/L	66	*	0		70 (60)	130 (131)	20 (20)
2,2-oxybis(1-Chloropropane)	52.6	0	18.4	ug/L	35	*	6		70 (36)	130 (141)	20 (20)
Acetophenone	52.6	0	90.6	ug/L	172	*	1		70 (31)	130 (164)	20 (20)
3+4-Methylphenols	52.6	10.0	41.7	ug/L	60		0		20 (54)	160 (136)	20 (20)
N-Nitroso-di-n-propylamine	52.6	0	43.2	ug/L	82		0		70 (36)	130 (147)	20 (20)
Hexachloroethane	52.6	0	96.9	ug/L	184	*	2		20 (19)	160 (146)	20 (20)
Nitrobenzene	52.6	0	89.1	ug/L	169	*	1		70 (62)	130 (112)	20 (20)
Isophorone	52.6	0	85.0	ug/L	162	*	2		70 (39)	130 (146)	20 (20)
2-Nitrophenol	52.6	0	90.4	ug/L	172	*	2		70 (30)	130 (148)	20 (20)
2,4-Dimethylphenol	52.6	0	78.4	ug/L	149	*	1		70 (17)	130 (143)	20 (20)
bis(2-Chloroethoxy)methane	52.6	0	75.2	ug/L	143	*	4		70 (39)	130 (143)	20 (20)
2,4-Dichlorophenol	52.6	0	85.1	ug/L	162	*	3		70 (22)	130 (146)	20 (20)
Naphthalene	52.6	3100	3000	ug/L	-190	*	121	*	70 (17)	130 (157)	20 (20)
4-Chloroaniline	52.6	0	31.3	ug/L	60	*	9		70 (10)	130 (95)	20 (20)
Hexachlorobutadiene	52.6	0	74.8	ug/L	142	*	2		70 (52)	130 (125)	20 (20)
Caprolactam	52.6	0	17.0	ug/L	32		0		20 (10)	160 (130)	20 (20)
4-Chloro-3-methylphenol	52.6	0	79.4	ug/L	151	*	1		70 (17)	130 (148)	20 (20)
2-Methylnaphthalene	52.6	920	850	ug/L	-133	*	55	*	70 (38)	130 (146)	20 (20)
Hexachlorocyclopentadiene	110	0	76.9	ug/L	70		13		20 (20)	160 (153)	20 (20)
2,4,6-Trichlorophenol	52.6	0	50.2	ug/L	95		2		70 (78)	130 (112)	20 (20)
2,4,5-Trichlorophenol	52.6	0	49.9	ug/L	95		1		70 (71)	130 (111)	20 (20)
1,1-Biphenyl	52.6	26.0	70.0	ug/L	84		1		70 (38)	130 (154)	20 (20)
2-Chloronaphthalene	52.6	0	48.9	ug/L	93		2		70 (41)	130 (145)	20 (20)
2-Nitroaniline	52.6	0	53.9	ug/L	102		3		70 (39)	130 (151)	20 (20)
Dimethylphthalate	52.6	0	47.8	ug/L	91		4		70 (42)	130 (147)	20 (20)
Acenaphthylene	52.6	160	190	ug/L	57	*	2		70 (40)	130 (141)	20 (20)
2,6-Dinitrotoluene	52.6	0	51.3	ug/L	98		2		70 (43)	130 (148)	20 (20)
3-Nitroaniline	52.6	0	32.4	ug/L	62	*	0		70 (10)	130 (111)	20 (20)
Acenaphthene	52.6	8.70	53.5	ug/L	85		5		70 (37)	130 (146)	20 (20)
2,4-Dinitrophenol	110	0	120	ug/L	109		10		20 (14)	160 (167)	20 (20)
4-Nitrophenol	110	0	42.7	ug/L	39		7		20 (10)	160 (130)	20 (20)
Dibenzofuran	52.6	4.00	51.2	ug/L	90		2		70 (41)	130 (145)	20 (20)
2,4-Dinitrotoluene	52.6	0	52.5	ug/L	100		3		70 (74)	130 (137)	20 (20)
Diethylphthalate	52.6	2.10	48.9	ug/L	89		5		70 (41)	130 (148)	20 (20)
4-Chlorophenyl-phenylether	52.6	0	48.5	ug/L	92		2		70 (38)	130 (149)	20 (20)
Fluorene	52.6	27.4	68.0	ug/L	77		0		70 (39)	130 (144)	20 (20)
4-Nitroaniline	52.6	0	49.4	ug/L	94		0		70 (27)	130 (138)	20 (20)
4,6-Dinitro-2-methylphenol	52.6	0	55.7	ug/L	106		1		70 (32)	130 (175)	20 (20)
N-Nitrosodiphenylamine	52.6	0	50.5	ug/L	96		3		70 (40)	130 (150)	20 (20)
4-Bromophenyl-phenylether	52.6	0	52.0	ug/L	99		1		70 (42)	130 (151)	20 (20)
Hexachlorobenzene	52.6	0	52.3	ug/L	99		3		70 (72)	130 (115)	20 (20)
Atrazine	52.6	0	48.5	ug/L	92		1		70 (20)	130 (162)	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
Pentachlorophenol	110	0	110	ug/L	100		10		20 (52)	160 (162)	20 (20)
Phenanthrene	52.6	29.6	67.2	ug/L	71		1		70 (40)	130 (147)	20 (20)
Anthracene	52.6	6.10	53.2	ug/L	90		2		70 (41)	130 (146)	20 (20)
Carbazole	52.6	13.8	63.5	ug/L	94		1		70 (37)	130 (154)	20 (20)
Di-n-butylphthalate	52.6	2.70	52.6	ug/L	95		1		70 (40)	130 (151)	20 (20)
Fluoranthene	52.6	2.30	51.6	ug/L	94		1		70 (42)	130 (146)	20 (20)
Pyrene	52.6	3.00	50.1	ug/L	90		2		70 (41)	130 (149)	20 (20)
Butylbenzylphthalate	52.6	0	52.0	ug/L	99		0		70 (39)	130 (155)	20 (20)
3,3-Dichlorobenzidine	52.6	0	43.4	ug/L	83		2		70 (10)	130 (114)	20 (20)
Benzo(a)anthracene	52.6	0	49.9	ug/L	95		1		70 (41)	130 (147)	20 (20)
Chrysene	52.6	0	51.2	ug/L	97		0		70 (44)	130 (144)	20 (20)
bis(2-Ethylhexyl)phthalate	52.6	0	49.7	ug/L	94		0		70 (33)	130 (160)	20 (20)
Di-n-octyl phthalate	52.6	0	52.0	ug/L	99		0		70 (36)	130 (158)	20 (20)
Benzo(b)fluoranthene	52.6	0	50.4	ug/L	96		1		70 (40)	130 (150)	20 (20)
Benzo(k)fluoranthene	52.6	0	49.6	ug/L	94		1		70 (40)	130 (147)	20 (20)
Benzo(a)pyrene	52.6	0	49.8	ug/L	95		1		70 (42)	130 (147)	20 (20)
Indeno(1,2,3-cd)pyrene	52.6	0	50.9	ug/L	97		0		70 (30)	130 (166)	20 (20)
Dibenz(a,h)anthracene	52.6	0	51.6	ug/L	98		1		70 (23)	130 (172)	20 (20)
Benzo(g,h,i)perylene	52.6	0	50.6	ug/L	96		1		70 (27)	130 (167)	20 (20)
1,2,4,5-Tetrachlorobenzene	52.6	0	49.8	ug/L	95		2		70 (89)	130 (102)	20 (20)
1,4-Dioxane	52.6	0	21.8	ug/L	41		0		20 (38)	160 (130)	20 (20)
2,3,4,6-Tetrachlorophenol	52.6	0	50.6	ug/L	96		3		70 (91)	130 (111)	20 (20)