

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: Q3834

Analytical Method: SW8270E

Client: Woodard & Curran

DataFile: BP026305.D

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Low	Limits High	RPD
Lab Sample ID:	Q3831-01MSD	Client Sample ID:	PL-01-12102025MSD								
Benzaldehyde	1100	0	890	ug/Kg	81		6		20 (20)	160 (111)	30 (20)
Phenol	1100	0	870	ug/Kg	79		6		20 (51)	160 (122)	30 (20)
bis(2-Chloroethyl)ether	1100	0	820	ug/Kg	75		4		70 (67)	130 (110)	30 (20)
2-Chlorophenol	1100	0	900	ug/Kg	82		5		70 (67)	130 (119)	30 (20)
2-Methylphenol	1100	0	880	ug/Kg	80		6		70 (68)	130 (116)	30 (20)
2,2-oxybis(1-Chloropropane)	1100	0	790	ug/Kg	72		5		70 (59)	130 (113)	30 (20)
Acetophenone	1100	0	880	ug/Kg	80		5		70 (55)	130 (128)	30 (20)
3+4-Methylphenols	1100	0	860	ug/Kg	78		5		20 (70)	160 (111)	30 (20)
N-Nitroso-di-n-propylamine	1100	0	810	ug/Kg	74		5		70 (59)	130 (119)	30 (20)
Hexachloroethane	1100	0	840	ug/Kg	76		9		20 (65)	160 (115)	30 (20)
Nitrobenzene	1100	0	880	ug/Kg	80		6		70 (66)	130 (120)	30 (20)
Isophorone	1100	0	860	ug/Kg	78		5		70 (67)	130 (113)	30 (20)
2-Nitrophenol	1100	0	970	ug/Kg	88		3		70 (69)	130 (135)	30 (16)
2,4-Dimethylphenol	1100	0	930	ug/Kg	85		5		70 (63)	130 (151)	30 (20)
bis(2-Chloroethoxy)methane	1100	0	860	ug/Kg	78		5		70 (70)	130 (112)	30 (20)
2,4-Dichlorophenol	1100	0	970	ug/Kg	88		3		70 (70)	130 (121)	30 (20)
Naphthalene	1100	73.1	940	ug/Kg	79		6		70 (66)	130 (113)	30 (20)
4-Chloroaniline	1100	0	280	ug/Kg	25	*	0		70 (10)	130 (100)	30 (25)
Hexachlorobutadiene	1100	0	1000	ug/Kg	91		0		70 (67)	130 (118)	30 (16)
Caprolactam	1100	0	810	ug/Kg	74		5		20 (51)	160 (134)	30 (25)
4-Chloro-3-methylphenol	1100	0	920	ug/Kg	84		4		70 (71)	130 (118)	30 (20)
2-Methylnaphthalene	1100	70.9	880	ug/Kg	74		5		70 (59)	130 (123)	30 (20)
Hexachlorocyclopentadiene	2200	0	720	ug/Kg	33		41	*	20 (16)	160 (175)	30 (20)
2,4,6-Trichlorophenol	1100	0	990	ug/Kg	90		1		70 (67)	130 (128)	30 (16)
2,4,5-Trichlorophenol	1100	0	980	ug/Kg	89		2		70 (69)	130 (123)	30 (16)
1,1-Biphenyl	1100	0	920	ug/Kg	84		2		70 (69)	130 (126)	30 (20)
2-Chloronaphthalene	1100	0	920	ug/Kg	84		2		70 (71)	130 (113)	30 (20)
2-Nitroaniline	1100	0	960	ug/Kg	87		0		70 (73)	130 (125)	30 (16)
Dimethylphthalate	1100	0	890	ug/Kg	81		5		70 (72)	130 (116)	30 (20)
Acenaphthylene	1100	120	1000	ug/Kg	80		11		70 (69)	130 (128)	30 (15)
2,6-Dinitrotoluene	1100	0	1000	ug/Kg	91		0		70 (67)	130 (141)	30 (20)
3-Nitroaniline	1100	0	570	ug/Kg	52	*	4		70 (28)	130 (102)	30 (20)
Acenaphthene	1100	72.5	940	ug/Kg	79		6		70 (70)	130 (121)	30 (16)
2,4-Dinitrophenol	2200	0	1300	ug/Kg	59		33	*	20 (10)	160 (164)	30 (30)
4-Nitrophenol	2200	0	1700	ug/Kg	77		0		20 (49)	160 (133)	30 (20)
Dibenzofuran	1100	57.8	970	ug/Kg	83		4		70 (71)	130 (111)	30 (20)
2,4-Dinitrotoluene	1100	0	940	ug/Kg	85		6		70 (73)	130 (130)	30 (20)
Diethylphthalate	1100	0	910	ug/Kg	83		4		70 (73)	130 (116)	30 (20)
4-Chlorophenyl-phenylether	1100	0	920	ug/Kg	84		5		70 (72)	130 (112)	30 (20)
Fluorene	1100	130	1000	ug/Kg	79		11		70 (67)	130 (114)	30 (20)
4-Nitroaniline	1100	0	750	ug/Kg	68	*	4		70 (61)	130 (128)	30 (20)
4,6-Dinitro-2-methylphenol	1100	0	690	ug/Kg	63	*	24		70 (25)	130 (163)	30 (30)
N-Nitrosodiphenylamine	1100	0	960	ug/Kg	87		3		70 (73)	130 (118)	30 (20)
4-Bromophenyl-phenylether	1100	0	1000	ug/Kg	91		9		70 (65)	130 (121)	30 (20)
Hexachlorobenzene	1100	0	1000	ug/Kg	91		9		70 (67)	130 (118)	30 (20)
Atrazine	1100	0	950	ug/Kg	86		3		70 (79)	130 (127)	30 (20)

() = LABORATORY INHOUSE LIMIT

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Analytical Method: SW8270E

Client: Woodard & Curran

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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		4		20 (39)	160 (145)	30 (20)
Phenanthrene	1100	610	1500	ug/Kg	81		0		70 (52)	130 (128)	30 (20)
Anthracene	1100	190	1100	ug/Kg	83		10		70 (62)	130 (124)	30 (20)
Carbazole	1100	45.4	940	ug/Kg	81		6		70 (73)	130 (115)	30 (20)
Di-n-butylphthalate	1100	0	960	ug/Kg	87		2		70 (72)	130 (129)	30 (20)
Fluoranthene	1100	830	1600	ug/Kg	70		12		70 (31)	130 (152)	30 (20)
Pyrene	1100	740	1700	ug/Kg	87		0		70 (37)	130 (122)	30 (27)
Butylbenzylphthalate	1100	0	960	ug/Kg	87		4		70 (59)	130 (151)	30 (20)
3,3-Dichlorobenzidine	1100	0	590	ug/Kg	54	*	23		70 (10)	130 (116)	30 (20)
Benzo(a)anthracene	1100	390	1300	ug/Kg	83		10		70 (53)	130 (119)	30 (20)
Chrysene	1100	400	1300	ug/Kg	82		0		70 (57)	130 (121)	30 (20)
bis(2-Ethylhexyl)phthalate	1100	0	940	ug/Kg	85		3		70 (64)	130 (139)	30 (20)
Di-n-octyl phthalate	1100	0	930	ug/Kg	85		3		70 (51)	130 (156)	30 (20)
Benzo(b)fluoranthene	1100	500	1400	ug/Kg	82		0		70 (52)	130 (117)	30 (20)
Benzo(k)fluoranthene	1100	160	1100	ug/Kg	85		11		70 (57)	130 (134)	30 (20)
Benzo(a)pyrene	1100	400	1300	ug/Kg	82		10		70 (70)	130 (142)	30 (20)
Indeno(1,2,3-cd)pyrene	1100	210	1100	ug/Kg	81		11		70 (48)	130 (129)	30 (20)
Dibenz(a,h)anthracene	1100	66.3	970	ug/Kg	82		4		70 (43)	130 (123)	30 (20)
Benzo(g,h,i)perylene	1100	270	1200	ug/Kg	85		0		70 (40)	130 (133)	30 (20)
1,2,4,5-Tetrachlorobenzene	1100	0	1000	ug/Kg	91		0		70 (65)	130 (132)	30 (20)
1,4-Dioxane	1100	0	710	ug/Kg	65		5		20 (46)	160 (112)	30 (20)
2,3,4,6-Tetrachlorophenol	1100	0	1000	ug/Kg	91		0		70 (56)	130 (141)	30 (20)