Alliance TECHNICAL GROUP
284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
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Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: Q2743 **Analytical Method:** SW8270E

Client: G Environmental **DataFile:** BF143314.D

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Limits Low	Limits High	Limits RPD
Lab Sample ID: Q2734-01MSD		**Client Sample ID: VNJ-253MSD**									
Benzaldehyde	1100	0	650	ug/Kg	59		7		20 (10)	160 (171)	30 (20)
Phenol	1100	0	950	ug/Kg	86		10		20 (51)	160 (122)	30 (20)
bis(2-Chloroethyl)ether	1100	0	990	ug/Kg	90		6		70 (54)	130 (125)	30 (20)
2-Chlorophenol	1100	0	930	ug/Kg	85		7		70 (51)	130 (121)	30 (20)
2-Methylphenol	1100	0	920	ug/Kg	84		9		70 (47)	130 (125)	30 (20)
2,2-oxybis(1-Chloropropane)	1100	0	930	ug/Kg	85		6		70 (46)	130 (119)	30 (20)
Acetophenone	1100	0	980	ug/Kg	89		8		70 (55)	130 (128)	30 (20)
3+4-Methylphenols	1100	0	950	ug/Kg	86		6		20 (49)	160 (125)	30 (20)
N-Nitroso-di-n-propylamine	1100	0	900	ug/Kg	82		8		70 (59)	130 (119)	30 (20)
Hexachloroethane	1100	0	730	ug/Kg	66		2		20 (51)	160 (116)	30 (20)
Nitrobenzene	1100	0	960	ug/Kg	87		6		70 (47)	130 (124)	30 (20)
Isophorone	1100	0	940	ug/Kg	85		5		70 (49)	130 (127)	30 (20)
2-Nitrophenol	1100	0	1000	ug/Kg	91		0		70 (43)	130 (131)	30 (20)
2,4-Dimethylphenol	1100	0	920	ug/Kg	84		9		70 (63)	130 (151)	30 (20)
bis(2-Chloroethoxy)methane	1100	0	970	ug/Kg	88		6		70 (51)	130 (119)	30 (20)
2,4-Dichlorophenol	1100	0	900	ug/Kg	82		8		70 (50)	130 (122)	30 (20)
Naphthalene	1100	0	930	ug/Kg	85		6		70 (51)	130 (121)	30 (20)
4-Chloroaniline	1100	0	290	ug/Kg	26	*	17		70 (10)	130 (100)	30 (20)
Hexachlorobutadiene	1100	0	890	ug/Kg	81		5		70 (44)	130 (126)	30 (20)
Caprolactam	1100	0	960	ug/Kg	87		2		20 (51)	160 (134)	30 (20)
4-Chloro-3-methylphenol	1100	0	850	ug/Kg	77		3		70 (57)	130 (132)	30 (20)
2-Methylnaphthalene	1100	0	910	ug/Kg	83		5		70 (59)	130 (123)	30 (20)
Hexachlorocyclopentadiene	2200	0	0	ug/Kg	0	*	0		20 (10)	160 (175)	30 (20)
2,4,6-Trichlorophenol	1100	0	910	ug/Kg	83		9		70 (33)	130 (141)	30 (20)
2,4,5-Trichlorophenol	1100	0	880	ug/Kg	80		6		70 (38)	130 (135)	30 (20)
1,1-Biphenyl	1100	0	1000	ug/Kg	91		3		70 (55)	130 (131)	30 (20)
2-Chloronaphthalene	1100	0	970	ug/Kg	88		7		70 (48)	130 (124)	30 (20)
2-Nitroaniline	1100	0	1000	ug/Kg	91		4		70 (47)	130 (134)	30 (20)
Dimethylphthalate	1100	0	1100	ug/Kg	100		11		70 (54)	130 (120)	30 (20)
Acenaphthylene	1100	0	940	ug/Kg	85		6		70 (57)	130 (125)	30 (20)
2,6-Dinitrotoluene	1100	0	1000	ug/Kg	91		4		70 (48)	130 (127)	30 (20)
3-Nitroaniline	1100	0	680	ug/Kg	62	*	12		70 (10)	130 (112)	30 (20)
Acenaphthene	1100	0	930	ug/Kg	85		5		70 (70)	130 (121)	30 (20)
2,4-Dinitrophenol	2200	0	560	ug/Kg	25		46	*	20 (10)	160 (155)	30 (20)
4-Nitrophenol	2200	0	1500	ug/Kg	68		6		20 (10)	160 (175)	30 (20)
Dibenzofuran	1100	0	920	ug/Kg	84		7		70 (52)	130 (114)	30 (20)
2,4-Dinitrotoluene	1100	0	960	ug/Kg	87		4		70 (41)	130 (140)	30 (20)
Diethylphthalate	1100	0	990	ug/Kg	90		6		70 (51)	130 (119)	30 (20)
4-Chlorophenyl-phenylether	1100	0	920	ug/Kg	84		6		70 (48)	130 (122)	30 (20)
Fluorene	1100	0	910	ug/Kg	83		6		70 (53)	130 (118)	30 (20)
4-Nitroaniline	1100	0	810	ug/Kg	74		10		70 (29)	130 (140)	30 (20)
4,6-Dinitro-2-methylphenol	1100	0	440	ug/Kg	40	*	32	*	70 (10)	130 (160)	30 (20)
N-Nitrosodiphenylamine	1100	0	1000	ug/Kg	91		3		70 (73)	130 (118)	30 (20)
4-Bromophenyl-phenylether	1100	0	980	ug/Kg	89		7		70 (65)	130 (121)	30 (20)
Hexachlorobenzene	1100	0	850	ug/Kg	77		7		70 (67)	130 (118)	30 (20)
Atrazine	1100	0	1100	ug/Kg	100		9		70 (45)	130 (175)	30 (20)

( ) = LABORATORY INHOUSE LIMIT

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Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: Q2743 **Analytical Method:** SW8270E

Client: G Environmental **DataFile:** BF143314.D

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Limits Low	Limits High	RPD
Pentachlorophenol	2200	0	1500	ug/Kg	68		6		20 (13)	160 (153)	30 (20)
Phenanthrene	1100	0	1300	ug/Kg	118		8		70 (52)	130 (128)	30 (20)
Anthracene	1100	0	1000	ug/Kg	91		3		70 (62)	130 (124)	30 (20)
Carbazole	1100	0	1000	ug/Kg	91		4		70 (59)	130 (119)	30 (20)
Di-n-butylphthalate	1100	0	1100	ug/Kg	100		0		70 (55)	130 (125)	30 (20)
Fluoranthene	1100	0	2200	ug/Kg	200	*	9		70 (44)	130 (125)	30 (20)
Pyrene	1100	0	1600	ug/Kg	145	*	6		70 (37)	130 (122)	30 (20)
Butylbenzylphthalate	1100	0	1200	ug/Kg	109		9		70 (44)	130 (135)	30 (20)
3,3-Dichlorobenzidine	1100	0	550	ug/Kg	50	*	13		70 (15)	130 (112)	30 (20)
Benzo(a)anthracene	1100	0	1400	ug/Kg	127		0		70 (53)	130 (119)	30 (20)
Chrysene	1100	0	1400	ug/Kg	127		7		70 (57)	130 (121)	30 (20)
bis(2-Ethylhexyl)phthalate	1100	0	1200	ug/Kg	109		9		70 (42)	130 (169)	30 (20)
Di-n-octyl phthalate	1100	0	1000	ug/Kg	91		0		70 (51)	130 (156)	30 (20)
Benzo(b)fluoranthene	1100	0	1500	ug/Kg	136	*	0		70 (52)	130 (117)	30 (20)
Benzo(k)fluoranthene	1100	0	1400	ug/Kg	127		7		70 (57)	130 (134)	30 (20)
Benzo(a)pyrene	1100	0	1400	ug/Kg	127		7		70 (70)	130 (142)	30 (20)
Indeno(1,2,3-cd)pyrene	1100	0	930	ug/Kg	85		13		70 (40)	130 (129)	30 (20)
Dibenz(a,h)anthracene	1100	0	790	ug/Kg	72		9		70 (43)	130 (123)	30 (20)
Benzo(g,h,i)perylene	1100	0	950	ug/Kg	86		10		70 (24)	130 (125)	30 (20)
1,2,4,5-Tetrachlorobenzene	1100	0	1000	ug/Kg	91		6		70 (52)	130 (134)	30 (20)
1,4-Dioxane	1100	0	800	ug/Kg	73		9		20 (46)	160 (112)	30 (20)
2,3,4,6-Tetrachlorophenol	1100	0	810	ug/Kg	74		8		70 (24)	130 (146)	30 (20)

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