Alliance TECHNICAL GROUP
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# Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

**SW-846**

**SDG No.:** Q2594 **Analytical Method:** 625.1

**Client:** Environmental Restoration, LLC **DataFile:** BF143162.D

| Lab Sample ID | Parameter | Spike | Result | Unit | Rec | RPD | Qual | RPD Qual | Limits Low | Limits High | Limits RPD |
|---|---|---|---|---|---|---|---|---|---|---|---|
| PB168904BS | Benzaldehyde | 50 | 33.5 | ug/L | 67 | | | | 20 (10) | 160 (110) | |
| | Phenol | 50 | 42.4 | ug/L | 85 | | | | 20 (48) | 160 (130) | |
| | bis(2-Chloroethyl)ether | 50 | 42.5 | ug/L | 85 | | | | 70 (52) | 130 (130) | |
| | 2-Chlorophenol | 50 | 42.7 | ug/L | 85 | | | | 70 (55) | 130 (130) | |
| | 2-Methylphenol | 50 | 43.1 | ug/L | 86 | | | | 70 (15) | 130 (153) | |
| | 2,2-oxybis(1-Chloropropane) | 50 | 42.7 | ug/L | 85 | | | | 70 (63) | 130 (139) | |
| | Acetophenone | 50 | 43.2 | ug/L | 86 | | | | 70 (21) | 130 (128) | |
| | 3+4-Methylphenols | 50 | 43.5 | ug/L | 87 | | | | 20 (10) | 160 (156) | |
| | N-Nitroso-di-n-propylamine | 50 | 42.4 | ug/L | 85 | | | | 70 (59) | 130 (170) | |
| | Hexachloroethane | 50 | 43.2 | ug/L | 86 | | | | 70 (55) | 130 (130) | |
| | Nitrobenzene | 50 | 44.0 | ug/L | 88 | | | | 70 (54) | 130 (158) | |
| | Isophorone | 50 | 43.8 | ug/L | 88 | | | | 70 (52) | 130 (180) | |
| | 2-Nitrophenol | 50 | 46.4 | ug/L | 93 | | | | 70 (61) | 130 (163) | |
| | 2,4-Dimethylphenol | 50 | 44.1 | ug/L | 88 | | | | 70 (58) | 130 (130) | |
| | bis(2-Chloroethoxy)methane | 50 | 43.2 | ug/L | 86 | | | | 70 (52) | 130 (164) | |
| | 2,4-Dichlorophenol | 50 | 43.6 | ug/L | 87 | | | | 70 (64) | 130 (130) | |
| | Naphthalene | 50 | 42.9 | ug/L | 86 | | | | 70 (70) | 130 (130) | |
| | 4-Chloroaniline | 50 | 18.8 | ug/L | 38 | | * | | 70 (10) | 130 (126) | |
| | Hexachlorobutadiene | 50 | 42.9 | ug/L | 86 | | | | 70 (68) | 130 (130) | |
| | Caprolactam | 50 | 47.1 | ug/L | 94 | | | | 20 (10) | 160 (160) | |
| | 4-Chloro-3-methylphenol | 50 | 44.1 | ug/L | 88 | | | | 70 (68) | 130 (130) | |
| | 2-Methylnaphthalene | 50 | 43.3 | ug/L | 87 | | | | 70 (25) | 130 (124) | |
| | Hexachlorocyclopentadiene | 100 | 86.3 | ug/L | 86 | | | | 70 (21) | 130 (137) | |
| | 2,4,6-Trichlorophenol | 50 | 42.9 | ug/L | 86 | | | | 70 (69) | 130 (130) | |
| | 2,4,5-Trichlorophenol | 50 | 45.7 | ug/L | 91 | | | | 70 (74) | 130 (100) | |
| | 1,1-Biphenyl | 50 | 43.3 | ug/L | 87 | | | | 70 (20) | 130 (125) | |
| | 2-Chloronaphthalene | 50 | 42.6 | ug/L | 85 | | | | 70 (70) | 130 (130) | |
| | 2-Nitroaniline | 50 | 46.7 | ug/L | 93 | | | | 70 (61) | 130 (112) | |
| | Dimethylphthalate | 50 | 43.9 | ug/L | 88 | | | | 70 (50) | 130 (130) | |
| | Acenaphthylene | 50 | 43.2 | ug/L | 86 | | | | 70 (60) | 130 (130) | |
| | 2,6-Dinitrotoluene | 50 | 47.2 | ug/L | 94 | | | | 70 (68) | 130 (137) | |
| | 3-Nitroaniline | 50 | 29.4 | ug/L | 59 | | * | | 70 (35) | 130 (106) | |
| | Acenaphthene | 50 | 46.2 | ug/L | 92 | | | | 70 (70) | 130 (130) | |
| | 2,4-Dinitrophenol | 100 | 90.5 | ug/L | 91 | | | | 20 (39) | 160 (173) | |
| | 4-Nitrophenol | 100 | 89.2 | ug/L | 89 | | | | 20 (35) | 160 (130) | |
| | Dibenzofuran | 50 | 42.6 | ug/L | 85 | | | | 70 (29) | 130 (125) | |
| | 2,4-Dinitrotoluene | 50 | 48.9 | ug/L | 98 | | | | 70 (53) | 130 (130) | |
| | Diethylphthalate | 50 | 44.7 | ug/L | 89 | | | | 70 (47) | 130 (130) | |
| | 4-Chlorophenyl-phenylether | 50 | 43.4 | ug/L | 87 | | | | 70 (57) | 130 (145) | |
| | Fluorene | 50 | 42.8 | ug/L | 86 | | | | 70 (70) | 130 (130) | |
| | 4-Nitroaniline | 50 | 44.3 | ug/L | 89 | | | | 70 (69) | 130 (101) | |
| | 4,6-Dinitro-2-methylphenol | 50 | 45.1 | ug/L | 90 | | | | 70 (56) | 130 (130) | |
| | N-Nitrosodiphenylamine | 50 | 43.8 | ug/L | 88 | | | | 70 (63) | 130 (100) | |
| | 4-Bromophenyl-phenylether | 50 | 44.1 | ug/L | 88 | | | | 70 (70) | 130 (130) | |

( ) = LABORATORY INHOUSE LIMIT

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**SW-846**

**SDG No.:** Q2594 **Analytical Method:** 625.1

**Client:** Environmental Restoration, LLC **DataFile:** BF143162.D

| Lab Sample ID | Parameter | Spike | Result | Unit | Rec | RPD | Qual | RPD Qual | Limits Low | Limits High | Limits RPD |
|---|---|---|---|---|---|---|---|---|---|---|---|
| PB168904BS | Hexachlorobenzene | 50 | 44.7 | ug/L | 89 | | | | 70 (38) | 130 (142) | |
| | Atrazine | 50 | 47.4 | ug/L | 95 | | | | 70 (51) | 130 (130) | |
| | Pentachlorophenol | 100 | 91.0 | ug/L | 91 | | | | 20 (42) | 160 (152) | |
| | Phenanthrene | 50 | 43.8 | ug/L | 88 | | | | 70 (67) | 130 (130) | |
| | Anthracene | 50 | 43.8 | ug/L | 88 | | | | 70 (58) | 130 (130) | |
| | Carbazole | 50 | 43.9 | ug/L | 88 | | | | 70 (60) | 130 (125) | |
| | Di-n-butylphthalate | 50 | 46.0 | ug/L | 92 | | | | 70 (52) | 130 (130) | |
| | Fluoranthene | 50 | 44.2 | ug/L | 88 | | | | 70 (47) | 130 (130) | |
| | Pyrene | 50 | 44.7 | ug/L | 89 | | | | 70 (70) | 130 (130) | |
| | Butylbenzylphthalate | 50 | 47.3 | ug/L | 95 | | | | 70 (43) | 130 (140) | |
| | 3,3-Dichlorobenzidine | 50 | 25.1 | ug/L | 50 | | * | | 70 (18) | 130 (213) | |
| | Benzo(a)anthracene | 50 | 44.2 | ug/L | 88 | | | | 70 (42) | 130 (133) | |
| | Chrysene | 50 | 45.1 | ug/L | 90 | | | | 70 (44) | 130 (140) | |
| | bis(2-Ethylhexyl)phthalate | 50 | 47.8 | ug/L | 96 | | | | 70 (43) | 130 (137) | |
| | Di-n-octyl phthalate | 50 | 46.5 | ug/L | 93 | | | | 70 (21) | 130 (132) | |
| | Benzo(b)fluoranthene | 50 | 44.7 | ug/L | 89 | | | | 70 (42) | 130 (140) | |
| | Benzo(k)fluoranthene | 50 | 46.5 | ug/L | 93 | | | | 70 (25) | 130 (146) | |
| | Benzo(a)pyrene | 50 | 45.7 | ug/L | 91 | | | | 70 (32) | 130 (148) | |
| | Indeno(1,2,3-cd)pyrene | 50 | 44.8 | ug/L | 90 | | | | 70 (13) | 130 (151) | |
| | Dibenz(a,h)anthracene | 50 | 45.0 | ug/L | 90 | | | | 70 (13) | 130 (200) | |
| | Benzo(g,h,i)perylene | 50 | 44.9 | ug/L | 90 | | | | 70 (13) | 130 (195) | |
| | 1,2,4,5-Tetrachlorobenzene | 50 | 41.6 | ug/L | 83 | | | | 70 (70) | 130 (130) | |
| | 2,3,4,6-Tetrachlorophenol | 50 | 45.1 | ug/L | 90 | | | | 70 (70) | 130 (130) | |
| | 1,4-Dioxane | 50 | 35.8 | ug/L | 72 | | | | 20 (70) | 160 (130) | |

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