

## Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: Q1488

Client: Portal Partners Tri-Venture

Analytical Method: 8270E

DataFile: BF141862.D

| Lab Sample ID | Parameter                   | Spike | Result | Unit | Rec | RPD | Qual | RPD  |         | Limits    |     |
|---------------|-----------------------------|-------|--------|------|-----|-----|------|------|---------|-----------|-----|
|               |                             |       |        |      |     |     |      | Qual | Low     | High      | RPD |
| PB166982BS    | Benzaldehyde                | 50    | 23.3   | ug/L | 47  |     |      |      | 20 (10) | 160 (162) |     |
|               | Phenol                      | 50    | 42.4   | ug/L | 85  |     |      |      | 20 (66) | 160 (118) |     |
|               | bis(2-Chloroethyl)ether     | 50    | 41.9   | ug/L | 84  |     |      |      | 70 (62) | 130 (103) |     |
|               | 2-Chlorophenol              | 50    | 45.4   | ug/L | 91  |     |      |      | 70 (70) | 130 (117) |     |
|               | 2-Methylphenol              | 50    | 44.3   | ug/L | 89  |     |      |      | 70 (69) | 130 (109) |     |
|               | 2,2-oxybis(1-Chloropropane) | 50    | 36.4   | ug/L | 73  |     |      |      | 70 (65) | 130 (100) |     |
|               | Acetophenone                | 50    | 47.1   | ug/L | 94  |     |      |      | 70 (60) | 130 (104) |     |
|               | 3+4-Methylphenols           | 50    | 43.7   | ug/L | 87  |     |      |      | 20 (67) | 160 (106) |     |
|               | N-Nitroso-di-n-propylamine  | 50    | 39.7   | ug/L | 79  |     |      |      | 70 (57) | 130 (107) |     |
|               | Hexachloroethane            | 50    | 44.5   | ug/L | 89  |     |      |      | 20 (76) | 160 (118) |     |
|               | Nitrobenzene                | 50    | 48.9   | ug/L | 98  |     |      |      | 70 (58) | 130 (106) |     |
|               | Isophorone                  | 50    | 43.6   | ug/L | 87  |     |      |      | 70 (61) | 130 (102) |     |
|               | 2-Nitrophenol               | 50    | 53.1   | ug/L | 106 |     |      |      | 70 (70) | 130 (115) |     |
|               | 2,4-Dimethylphenol          | 50    | 54.9   | ug/L | 110 |     |      |      | 70 (42) | 130 (142) |     |
|               | bis(2-Chloroethoxy)methane  | 50    | 41.2   | ug/L | 82  |     |      |      | 70 (58) | 130 (109) |     |
|               | 2,4-Dichlorophenol          | 50    | 44.9   | ug/L | 90  |     |      |      | 70 (66) | 130 (115) |     |
|               | Naphthalene                 | 50    | 43.2   | ug/L | 86  |     |      |      | 70 (64) | 130 (107) |     |
|               | 4-Chloroaniline             | 50    | 19.7   | ug/L | 39  |     | *    |      | 70 (10) | 130 (85)  |     |
|               | Hexachlorobutadiene         | 50    | 46.6   | ug/L | 93  |     |      |      | 70 (69) | 130 (101) |     |
|               | Caprolactam                 | 50    | 52.3   | ug/L | 105 |     |      |      | 20 (58) | 160 (128) |     |
|               | 4-Chloro-3-methylphenol     | 50    | 44.3   | ug/L | 89  |     |      |      | 70 (65) | 130 (114) |     |
|               | 2-Methylnaphthalene         | 50    | 41.8   | ug/L | 84  |     |      |      | 70 (64) | 130 (107) |     |
|               | Hexachlorocyclopentadiene   | 100   | 160    | ug/L | 160 |     |      |      | 20 (36) | 160 (160) |     |
|               | 2,4,6-Trichlorophenol       | 50    | 47.0   | ug/L | 94  |     |      |      | 70 (61) | 130 (110) |     |
|               | 2,4,5-Trichlorophenol       | 50    | 48.6   | ug/L | 97  |     |      |      | 70 (70) | 130 (106) |     |
|               | 1,1-Biphenyl                | 50    | 47.9   | ug/L | 96  |     |      |      | 70 (72) | 130 (98)  |     |
|               | 2-Chloronaphthalene         | 50    | 44.4   | ug/L | 89  |     |      |      | 70 (59) | 130 (106) |     |
|               | 2-Nitroaniline              | 50    | 51.2   | ug/L | 102 |     |      |      | 70 (73) | 130 (114) |     |
|               | Dimethylphthalate           | 50    | 44.8   | ug/L | 90  |     |      |      | 70 (64) | 130 (103) |     |
|               | Acenaphthylene              | 50    | 46.8   | ug/L | 94  |     |      |      | 70 (79) | 130 (103) |     |
|               | 2,6-Dinitrotoluene          | 50    | 51.2   | ug/L | 102 |     |      |      | 70 (64) | 130 (110) |     |
|               | 3-Nitroaniline              | 50    | 33.7   | ug/L | 67  |     | *    |      | 70 (28) | 130 (100) |     |
|               | Acenaphthene                | 50    | 51.2   | ug/L | 102 |     |      |      | 70 (59) | 130 (113) |     |
|               | 2,4-Dinitrophenol           | 100   | 120    | ug/L | 120 |     |      |      | 20 (36) | 160 (166) |     |
|               | 4-Nitrophenol               | 100   | 120    | ug/L | 120 |     |      |      | 20 (45) | 160 (147) |     |
|               | Dibenzofuran                | 50    | 42.9   | ug/L | 86  |     |      |      | 70 (65) | 130 (106) |     |
|               | 2,4-Dinitrotoluene          | 50    | 57.4   | ug/L | 115 |     |      |      | 70 (60) | 130 (115) |     |
|               | Diethylphthalate            | 50    | 43.7   | ug/L | 87  |     |      |      | 70 (63) | 130 (105) |     |
|               | 4-Chlorophenyl-phenylether  | 50    | 44.9   | ug/L | 90  |     |      |      | 70 (61) | 130 (104) |     |
|               | Fluorene                    | 50    | 44.9   | ug/L | 90  |     |      |      | 70 (64) | 130 (107) |     |
|               | 4-Nitroaniline              | 50    | 61.3   | ug/L | 123 |     |      |      | 70 (55) | 130 (125) |     |
|               | 4,6-Dinitro-2-methylphenol  | 50    | 59.9   | ug/L | 120 |     |      |      | 70 (62) | 130 (132) |     |
|               | N-Nitrosodiphenylamine      | 50    | 43.6   | ug/L | 87  |     |      |      | 70 (61) | 130 (109) |     |
|               | 4-Bromophenyl-phenylether   | 50    | 44.4   | ug/L | 89  |     |      |      | 70 (73) | 130 (103) |     |

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| Lab Sample ID | Parameter                  | Spike | Result | Unit | Rec | RPD | Qual | RPD  | Limits  |           | RPD |
|---------------|----------------------------|-------|--------|------|-----|-----|------|------|---------|-----------|-----|
|               |                            |       |        |      |     |     |      | Qual | Low     | High      |     |
| PB166982BS    | Hexachlorobenzene          | 50    | 47.3   | ug/L | 95  |     |      |      | 70 (73) | 130 (106) |     |
|               | Atrazine                   | 50    | 64.1   | ug/L | 128 |     |      |      | 70 (76) | 130 (120) |     |
|               | Pentachlorophenol          | 100   | 97.7   | ug/L | 98  |     |      |      | 20 (47) | 160 (114) |     |
|               | Phenanthrene               | 50    | 45.5   | ug/L | 91  |     |      |      | 70 (62) | 130 (109) |     |
|               | Anthracene                 | 50    | 45.8   | ug/L | 92  |     |      |      | 70 (65) | 130 (110) |     |
|               | Carbazole                  | 50    | 45.6   | ug/L | 91  |     |      |      | 70 (62) | 130 (106) |     |
|               | Di-n-butylphthalate        | 50    | 43.1   | ug/L | 86  |     |      |      | 70 (64) | 130 (106) |     |
|               | Fluoranthene               | 50    | 46.5   | ug/L | 93  |     |      |      | 70 (64) | 130 (110) |     |
|               | Pyrene                     | 50    | 44.0   | ug/L | 88  |     |      |      | 70 (71) | 130 (103) |     |
|               | Butylbenzylphthalate       | 50    | 46.5   | ug/L | 93  |     |      |      | 70 (61) | 130 (105) |     |
|               | 3,3-Dichlorobenzidine      | 50    | 28.5   | ug/L | 57  |     | *    |      | 70 (43) | 130 (108) |     |
|               | Benzo(a)anthracene         | 50    | 45.6   | ug/L | 91  |     |      |      | 70 (62) | 130 (107) |     |
|               | Chrysene                   | 50    | 45.0   | ug/L | 90  |     |      |      | 70 (61) | 130 (108) |     |
|               | bis(2-Ethylhexyl)phthalate | 50    | 46.6   | ug/L | 93  |     |      |      | 70 (59) | 130 (110) |     |
|               | Di-n-octyl phthalate       | 50    | 45.1   | ug/L | 90  |     |      |      | 70 (52) | 130 (139) |     |
|               | Benzo(b)fluoranthene       | 50    | 45.0   | ug/L | 90  |     |      |      | 70 (77) | 130 (113) |     |
|               | Benzo(k)fluoranthene       | 50    | 44.4   | ug/L | 89  |     |      |      | 70 (77) | 130 (105) |     |
|               | Benzo(a)pyrene             | 50    | 48.1   | ug/L | 96  |     |      |      | 70 (72) | 130 (131) |     |
|               | Indeno(1,2,3-cd)pyrene     | 50    | 50.9   | ug/L | 102 |     |      |      | 70 (72) | 130 (105) |     |
|               | Dibenz(a,h)anthracene      | 50    | 49.9   | ug/L | 100 |     |      |      | 70 (78) | 130 (115) |     |
|               | Benzo(g,h,i)perylene       | 50    | 47.7   | ug/L | 95  |     |      |      | 70 (75) | 130 (118) |     |
|               | 1,2,4,5-Tetrachlorobenzene | 50    | 48.9   | ug/L | 98  |     |      |      | 70 (72) | 130 (101) |     |
|               | 1,4-Dioxane                | 50    | 39.6   | ug/L | 79  |     |      |      | 20 (38) | 160 (125) |     |
|               | 2,3,4,6-Tetrachlorophenol  | 50    | 48.4   | ug/L | 97  |     |      |      | 70 (63) | 130 (116) |     |