

## Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: Q3495

Analytical Method:

8270E

Client: Remington & Vernick Engineers

DataFile:

BP026055.D

| Lab Sample ID | Parameter                   | Spike | Result | Unit  | Rec | RPD | Qual | RPD  | Limits |      | RPD |
|---------------|-----------------------------|-------|--------|-------|-----|-----|------|------|--------|------|-----|
|               |                             |       |        |       |     |     |      | Qual | Low    | High |     |
| PB170342BS    | Benzaldehyde                | 1700  | 980    | ug/Kg | 58  |     |      |      | 10     | 133  |     |
|               | Phenol                      | 1700  | 1400   | ug/Kg | 82  |     |      |      | 62     | 112  |     |
|               | bis(2-Chloroethyl)ether     | 1700  | 1300   | ug/Kg | 76  |     |      |      | 60     | 101  |     |
|               | 2-Chlorophenol              | 1700  | 1400   | ug/Kg | 82  |     |      |      | 65     | 112  |     |
|               | 2-Methylphenol              | 1700  | 1400   | ug/Kg | 82  |     |      |      | 61     | 108  |     |
|               | 2,2-oxybis(1-Chloropropane) | 1700  | 1300   | ug/Kg | 76  |     |      |      | 51     | 100  |     |
|               | Acetophenone                | 1700  | 1500   | ug/Kg | 88  |     |      |      | 66     | 98   |     |
|               | 3+4-Methylphenols           | 1700  | 1400   | ug/Kg | 82  |     |      |      | 58     | 111  |     |
|               | N-Nitroso-di-n-propylamine  | 1700  | 1400   | ug/Kg | 82  |     |      |      | 63     | 95   |     |
|               | Hexachloroethane            | 1700  | 1300   | ug/Kg | 76  |     |      |      | 72     | 108  |     |
|               | Nitrobenzene                | 1700  | 1400   | ug/Kg | 82  |     |      |      | 57     | 101  |     |
|               | Isophorone                  | 1700  | 1400   | ug/Kg | 82  |     |      |      | 59     | 99   |     |
|               | 2-Nitrophenol               | 1700  | 1400   | ug/Kg | 82  |     |      |      | 61     | 111  |     |
|               | 2,4-Dimethylphenol          | 1700  | 1600   | ug/Kg | 94  |     |      |      | 46     | 141  |     |
|               | bis(2-Chloroethoxy)methane  | 1700  | 1400   | ug/Kg | 82  |     |      |      | 66     | 97   |     |
|               | 2,4-Dichlorophenol          | 1700  | 1500   | ug/Kg | 88  |     |      |      | 62     | 107  |     |
|               | Naphthalene                 | 1700  | 1300   | ug/Kg | 76  |     |      |      | 62     | 100  |     |
|               | 4-Chloroaniline             | 1700  | 790    | ug/Kg | 46  |     |      |      | 16     | 100  |     |
|               | Hexachlorobutadiene         | 1700  | 1300   | ug/Kg | 76  |     |      |      | 53     | 98   |     |
|               | Caprolactam                 | 1700  | 1500   | ug/Kg | 88  |     |      |      | 67     | 110  |     |
|               | 4-Chloro-3-methylphenol     | 1700  | 1500   | ug/Kg | 88  |     |      |      | 58     | 112  |     |
|               | 2-Methylnaphthalene         | 1700  | 1300   | ug/Kg | 76  |     |      |      | 60     | 104  |     |
|               | Hexachlorocyclopentadiene   | 3300  | 3600   | ug/Kg | 109 |     |      |      | 45     | 165  |     |
|               | 2,4,6-Trichlorophenol       | 1700  | 1500   | ug/Kg | 88  |     |      |      | 59     | 102  |     |
|               | 2,4,5-Trichlorophenol       | 1700  | 1500   | ug/Kg | 88  |     |      |      | 61     | 98   |     |
|               | 1,1-Biphenyl                | 1700  | 1500   | ug/Kg | 88  |     |      |      | 57     | 103  |     |
|               | 2-Chloronaphthalene         | 1700  | 1300   | ug/Kg | 76  |     |      |      | 58     | 99   |     |
|               | 2-Nitroaniline              | 1700  | 1400   | ug/Kg | 82  |     |      |      | 66     | 101  |     |
|               | Dimethylphthalate           | 1700  | 1400   | ug/Kg | 82  |     |      |      | 61     | 99   |     |
|               | Acenaphthylene              | 1700  | 1600   | ug/Kg | 94  |     |      |      | 63     | 101  |     |
|               | 2,6-Dinitrotoluene          | 1700  | 1600   | ug/Kg | 94  |     |      |      | 61     | 104  |     |
|               | 3-Nitroaniline              | 1700  | 1100   | ug/Kg | 65  |     |      |      | 28     | 100  |     |
|               | Acenaphthene                | 1700  | 1300   | ug/Kg | 76  |     |      |      | 57     | 104  |     |
|               | 2,4-Dinitrophenol           | 3300  | 2900   | ug/Kg | 88  |     |      |      | 37     | 128  |     |
|               | 4-Nitrophenol               | 3300  | 2900   | ug/Kg | 88  |     |      |      | 48     | 119  |     |
|               | Dibenzofuran                | 1700  | 1400   | ug/Kg | 82  |     |      |      | 63     | 99   |     |
|               | 2,4-Dinitrotoluene          | 1700  | 1500   | ug/Kg | 88  |     |      |      | 60     | 106  |     |
|               | Diethylphthalate            | 1700  | 1500   | ug/Kg | 88  |     |      |      | 60     | 101  |     |
|               | 4-Chlorophenyl-phenylether  | 1700  | 1300   | ug/Kg | 76  |     |      |      | 58     | 98   |     |
|               | Fluorene                    | 1700  | 1400   | ug/Kg | 82  |     |      |      | 61     | 101  |     |
|               | 4-Nitroaniline              | 1700  | 1500   | ug/Kg | 88  |     |      |      | 64     | 103  |     |
|               | 4,6-Dinitro-2-methylphenol  | 1700  | 1500   | ug/Kg | 88  |     |      |      | 76     | 113  |     |
|               | N-Nitrosodiphenylamine      | 1700  | 1400   | ug/Kg | 82  |     |      |      | 71     | 99   |     |
|               | 4-Bromophenyl-phenylether   | 1700  | 1400   | ug/Kg | 82  |     |      |      | 66     | 102  |     |

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| Lab Sample ID | Parameter                  | Spike | Result | Unit  | Rec | RPD | Qual | RPD  |     | Limits |     |
|---------------|----------------------------|-------|--------|-------|-----|-----|------|------|-----|--------|-----|
|               |                            |       |        |       |     |     |      | Qual | Low | High   | RPD |
| PB170342BS    | Hexachlorobenzene          | 1700  | 1400   | ug/Kg | 82  |     |      |      | 64  | 98     |     |
|               | Atrazine                   | 1700  | 1500   | ug/Kg | 88  |     |      |      | 47  | 152    |     |
|               | Pentachlorophenol          | 3300  | 2900   | ug/Kg | 88  |     |      |      | 67  | 105    |     |
|               | Phenanthrene               | 1700  | 1400   | ug/Kg | 82  |     |      |      | 59  | 103    |     |
|               | Anthracene                 | 1700  | 1400   | ug/Kg | 82  |     |      |      | 61  | 105    |     |
|               | Carbazole                  | 1700  | 1500   | ug/Kg | 88  |     |      |      | 61  | 99     |     |
|               | Di-n-butylphthalate        | 1700  | 1500   | ug/Kg | 88  |     |      |      | 58  | 104    |     |
|               | Fluoranthene               | 1700  | 1400   | ug/Kg | 82  |     |      |      | 57  | 107    |     |
|               | Pyrene                     | 1700  | 1400   | ug/Kg | 82  |     |      |      | 59  | 103    |     |
|               | Butylbenzylphthalate       | 1700  | 1500   | ug/Kg | 88  |     |      |      | 55  | 103    |     |
|               | 3,3-Dichlorobenzidine      | 1700  | 1100   | ug/Kg | 65  |     |      |      | 42  | 91     |     |
|               | Benzo(a)anthracene         | 1700  | 1400   | ug/Kg | 82  |     |      |      | 60  | 102    |     |
|               | Chrysene                   | 1700  | 1400   | ug/Kg | 82  |     |      |      | 59  | 101    |     |
|               | bis(2-Ethylhexyl)phthalate | 1700  | 1500   | ug/Kg | 88  |     |      |      | 54  | 135    |     |
|               | Di-n-octyl phthalate       | 1700  | 1600   | ug/Kg | 94  |     |      |      | 52  | 137    |     |
|               | Benzo(b)fluoranthene       | 1700  | 1500   | ug/Kg | 88  |     |      |      | 62  | 109    |     |
|               | Benzo(k)fluoranthene       | 1700  | 1500   | ug/Kg | 88  |     |      |      | 62  | 109    |     |
|               | Benzo(a)pyrene             | 1700  | 1600   | ug/Kg | 94  |     |      |      | 63  | 103    |     |
|               | Indeno(1,2,3-cd)pyrene     | 1700  | 1500   | ug/Kg | 88  |     |      |      | 63  | 101    |     |
|               | Dibenz(a,h)anthracene      | 1700  | 1500   | ug/Kg | 88  |     |      |      | 61  | 112    |     |
|               | Benzo(g,h,i)perylene       | 1700  | 1600   | ug/Kg | 94  |     |      |      | 70  | 108    |     |
|               | 1,2,4,5-Tetrachlorobenzene | 1700  | 1400   | ug/Kg | 82  |     |      |      | 53  | 101    |     |
|               | 1,4-Dioxane                | 1700  | 1100   | ug/Kg | 65  |     |      |      | 50  | 96     |     |
|               | 2,3,4,6-Tetrachlorophenol  | 1700  | 1600   | ug/Kg | 94  |     |      |      | 59  | 108    |     |