

### Matrix Spike/Matrix Spike Duplicate Summary

SW-846

|                 |                                          |                           |                   |
|-----------------|------------------------------------------|---------------------------|-------------------|
| <b>SDG No.:</b> | <u>Q3495</u>                             | <b>Analytical Method:</b> | <u>8081B</u>      |
| <b>Client:</b>  | <u>Remington &amp; Vernick Engineers</u> | <b>DataFile :</b>         | <u>PL097707.D</u> |

|                | Parameter                | Spike             | Sample |             | Units | Rec | Rec Qual | RPD | RPD Qual | Low | Limits |     |
|----------------|--------------------------|-------------------|--------|-------------|-------|-----|----------|-----|----------|-----|--------|-----|
|                |                          |                   | Result |             |       |     |          |     |          |     | High   | RPD |
| Lab Sample ID: | Q3495-02MS<br>(Column 1) | Client Sample ID: |        | SB-1025-2MS |       |     |          |     |          |     |        |     |
|                | alpha-BHC                | 22.16             | 0      | 22.1        | ug/kg | 100 |          |     |          | 60  | 144    |     |
|                | beta-BHC                 | 22.16             | 0      | 22.5        | ug/kg | 102 |          |     |          | 54  | 143    |     |
|                | delta-BHC                | 22.16             | 0      | 23.0        | ug/kg | 104 |          |     |          | 29  | 151    |     |
|                | gamma-BHC (Lindane)      | 22.16             | 0      | 22.1        | ug/kg | 100 |          |     |          | 61  | 140    |     |
|                | Heptachlor               | 22.16             | 0      | 22.9        | ug/kg | 103 |          |     |          | 63  | 135    |     |
|                | Aldrin                   | 22.16             | 0      | 21.7        | ug/kg | 98  |          |     |          | 49  | 139    |     |
|                | Heptachlor epoxide       | 22.16             | 0      | 21.1        | ug/kg | 95  |          |     |          | 41  | 156    |     |
|                | Endosulfan I             | 22.16             | 0      | 21.4        | ug/kg | 97  |          |     |          | 56  | 142    |     |
|                | Dieldrin                 | 22.16             | 0      | 21.5        | ug/kg | 97  |          |     |          | 47  | 161    |     |
|                | 4,4'-DDE                 | 22.16             | 0      | 22.6        | ug/kg | 102 |          |     |          | 55  | 136    |     |
|                | Endrin                   | 22.16             | 0      | 21.2        | ug/kg | 96  |          |     |          | 57  | 139    |     |
|                | Endosulfan II            | 22.16             | 0      | 21.9        | ug/kg | 99  |          |     |          | 40  | 163    |     |
|                | 4,4'-DDD                 | 22.16             | 0      | 23.3        | ug/kg | 105 |          |     |          | 47  | 163    |     |
|                | Endosulfan sulfate       | 22.16             | 0      | 21.9        | ug/kg | 99  |          |     |          | 62  | 139    |     |
|                | 4,4'-DDT                 | 22.16             | 0      | 22.1        | ug/kg | 100 |          |     |          | 51  | 146    |     |
|                | Methoxychlor             | 22.16             | 0      | 21.5        | ug/kg | 97  |          |     |          | 54  | 136    |     |
|                | Endrin ketone            | 22.16             | 0      | 21.7        | ug/kg | 98  |          |     |          | 60  | 129    |     |
|                | Endrin aldehyde          | 22.16             | 0      | 21.6        | ug/kg | 97  |          |     |          | 59  | 132    |     |
|                | alpha-Chlordane          | 22.16             | 0      | 21.4        | ug/kg | 97  |          |     |          | 39  | 166    |     |
|                | gamma-Chlordane          | 22.16             | 0      | 21.9        | ug/kg | 99  |          |     |          | 44  | 175    |     |
| Lab Sample ID: | Q3495-02MS<br>(Column 2) | Client Sample ID: |        | SB-1025-2MS |       |     |          |     |          |     |        |     |
|                | alpha-BHC                | 22.16             | 0      | 21.7        | ug/kg | 98  |          |     |          | 60  | 144    |     |
|                | beta-BHC                 | 22.16             | 0      | 20.7        | ug/kg | 93  |          |     |          | 54  | 143    |     |
|                | delta-BHC                | 22.16             | 0      | 21.7        | ug/kg | 98  |          |     |          | 29  | 151    |     |
|                | gamma-BHC (Lindane)      | 22.16             | 0      | 21.8        | ug/kg | 98  |          |     |          | 61  | 140    |     |
|                | Heptachlor               | 22.16             | 0      | 21.4        | ug/kg | 97  |          |     |          | 63  | 135    |     |
|                | Aldrin                   | 22.16             | 0      | 21.8        | ug/kg | 98  |          |     |          | 49  | 139    |     |
|                | Heptachlor epoxide       | 22.16             | 0      | 21.5        | ug/kg | 97  |          |     |          | 41  | 156    |     |
|                | Endosulfan I             | 22.16             | 0      | 21.2        | ug/kg | 96  |          |     |          | 56  | 142    |     |
|                | Dieldrin                 | 22.16             | 0      | 21.6        | ug/kg | 97  |          |     |          | 47  | 161    |     |
|                | 4,4'-DDE                 | 22.16             | 0      | 21.5        | ug/kg | 97  |          |     |          | 55  | 136    |     |
|                | Endrin                   | 22.16             | 0      | 22.1        | ug/kg | 100 |          |     |          | 57  | 139    |     |
|                | Endosulfan II            | 22.16             | 0      | 21.0        | ug/kg | 95  |          |     |          | 40  | 163    |     |
|                | 4,4'-DDD                 | 22.16             | 0      | 20.3        | ug/kg | 92  |          |     |          | 47  | 163    |     |
|                | Endosulfan sulfate       | 22.16             | 0      | 20.2        | ug/kg | 91  |          |     |          | 62  | 139    |     |

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|-----------------|------------------------------------------|---------------------------|-------------------|
| <b>SDG No.:</b> | <u>Q3495</u>                             | <b>Analytical Method:</b> | <u>8081B</u>      |
| <b>Client:</b>  | <u>Remington &amp; Vernick Engineers</u> | <b>DataFile :</b>         | <u>PL097707.D</u> |

| Parameter       | Spike | Sample |        | Units | Rec | Rec | Qual | RPD | Qual | Low | Limits |     |
|-----------------|-------|--------|--------|-------|-----|-----|------|-----|------|-----|--------|-----|
|                 |       | Result | Result |       |     |     |      |     |      |     | High   | RPD |
| 4,4'-DDT        | 22.16 | 0      | 20.6   | ug/kg | 93  |     |      |     |      | 51  | 146    |     |
| Methoxychlor    | 22.16 | 0      | 19.6   | ug/kg | 88  |     |      |     |      | 54  | 136    |     |
| Endrin ketone   | 22.16 | 0      | 19.9   | ug/kg | 90  |     |      |     |      | 60  | 129    |     |
| Endrin aldehyde | 22.16 | 0      | 19.2   | ug/kg | 87  |     |      |     |      | 59  | 132    |     |
| alpha-Chlordane | 22.16 | 0      | 21.3   | ug/kg | 96  |     |      |     |      | 39  | 166    |     |
| gamma-Chlordane | 22.16 | 0      | 21.1   | ug/kg | 95  |     |      |     |      | 44  | 175    |     |