

### Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: Q1241

Client: RU2 Engineering, LLC

Analytical Method: 8081B

DataFile : PL093961.D

| Lab Sample ID:                   | Parameter           | Spike | Sample |        | Units | Rec | Rec  |     | RPD  |     | Limits |     |
|----------------------------------|---------------------|-------|--------|--------|-------|-----|------|-----|------|-----|--------|-----|
|                                  |                     |       | Result | Result |       |     | Qual | RPD | Qual | Low | High   | RPD |
| Client Sample ID:<br>Q1239-10MSD | 357MSD              |       |        |        |       |     |      |     |      |     |        |     |
|                                  | alpha-BHC           | 19.65 | 0      | 19.8   | ug/kg | 101 |      | 1   |      | 60  | 144    | 20  |
|                                  | beta-BHC            | 19.65 | 0      | 20.1   | ug/kg | 102 |      | 1   |      | 54  | 143    | 20  |
|                                  | delta-BHC           | 19.65 | 0      | 20.0   | ug/kg | 102 |      | 5   |      | 47  | 144    | 20  |
|                                  | gamma-BHC (Lindane) | 19.65 | 0      | 19.4   | ug/kg | 99  |      | 1   |      | 61  | 140    | 20  |
|                                  | Heptachlor          | 19.65 | 0      | 20.3   | ug/kg | 103 |      | 6   |      | 63  | 135    | 20  |
|                                  | Aldrin              | 19.65 | 0      | 19.5   | ug/kg | 99  |      | 1   |      | 49  | 139    | 20  |
|                                  | Heptachlor epoxide  | 19.65 | 0      | 20.0   | ug/kg | 102 |      | 0   |      | 32  | 180    | 20  |
|                                  | Endosulfan I        | 19.65 | 0      | 19.5   | ug/kg | 99  |      | 2   |      | 56  | 142    | 20  |
|                                  | Dieldrin            | 19.65 | 0      | 20.6   | ug/kg | 105 |      | 1   |      | 47  | 161    | 20  |
|                                  | 4,4'-DDE            | 19.65 | 0      | 21.4   | ug/kg | 109 |      | 0   |      | 55  | 136    | 20  |
|                                  | Endrin              | 19.65 | 0      | 20.9   | ug/kg | 106 |      | 3   |      | 57  | 139    | 20  |
|                                  | Endosulfan II       | 19.65 | 0      | 20.1   | ug/kg | 102 |      | 3   |      | 40  | 163    | 20  |
|                                  | 4,4'-DDD            | 19.65 | 0.28   | 22.2   | ug/kg | 112 |      | 1   |      | 37  | 192    | 20  |
|                                  | Endosulfan sulfate  | 19.65 | 0      | 19.7   | ug/kg | 100 |      | 6   |      | 62  | 139    | 20  |
|                                  | 4,4'-DDT            | 19.65 | 0      | 20.5   | ug/kg | 104 |      | 8   |      | 51  | 146    | 20  |
|                                  | Methoxychlor        | 19.65 | 0      | 19.8   | ug/kg | 101 |      | 13  |      | 54  | 136    | 20  |
|                                  | Endrin ketone       | 19.65 | 0      | 18.8   | ug/kg | 96  |      | 8   |      | 60  | 129    | 20  |
|                                  | Endrin aldehyde     | 19.65 | 0      | 18.7   | ug/kg | 95  |      | 30  | *    | 59  | 132    | 20  |
|                                  | alpha-Chlordane     | 19.65 | 0      | 20.6   | ug/kg | 105 |      | 1   |      | 30  | 192    | 20  |
|                                  | gamma-Chlordane     | 19.65 | 0      | 20.9   | ug/kg | 106 |      | 1   |      | 44  | 175    | 20  |