

### Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: Q1232

Client: RU2 Engineering, LLC

Analytical Method: 8081B

DataFile : PL093961.D

| Lab Sample ID:                   | Parameter           | Spike | Sample Result | Result | Units | Rec | Rec Qual | RPD | RPD Qual | Low | Limits 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  |