

### Matrix Spike/Matrix Spike Duplicate Summary

SW-846

|                 |               |                           |                   |
|-----------------|---------------|---------------------------|-------------------|
| <b>SDG No.:</b> | <u>Q3618</u>  | <b>Analytical Method:</b> | <u>8081B</u>      |
| <b>Client:</b>  | <u>ENTACT</u> | <b>DataFile :</b>         | <u>PD091152.D</u> |

|                | Parameter                 | Spike             | Sample |                   | Units | Rec | Rec  |     | RPD  |     | Limits |     |
|----------------|---------------------------|-------------------|--------|-------------------|-------|-----|------|-----|------|-----|--------|-----|
|                |                           |                   | Result |                   |       |     | Qual | RPD | Qual | Low | High   | RPD |
| Lab Sample ID: | Q3609-13MSD<br>(Column 1) | Client Sample ID: |        | AU-713-COMP-05MSD |       |     |      |     |      |     |        |     |
|                | alpha-BHC                 | 19.62             | 0      | 19.9              | ug/kg | 101 |      | 7   |      | 60  | 144    | 15  |
|                | beta-BHC                  | 19.62             | 0      | 19.4              | ug/kg | 99  |      | 6   |      | 54  | 143    | 15  |
|                | delta-BHC                 | 19.62             | 0      | 19.6              | ug/kg | 100 |      | 7   |      | 47  | 129    | 20  |
|                | gamma-BHC (Lindane)       | 19.62             | 0      | 19.4              | ug/kg | 99  |      | 6   |      | 39  | 136    | 30  |
|                | Heptachlor                | 19.62             | 0      | 23.0              | ug/kg | 117 |      | 6   |      | 33  | 148    | 20  |
|                | Aldrin                    | 19.62             | 0      | 19.5              | ug/kg | 99  |      | 6   |      | 38  | 139    | 30  |
|                | Heptachlor epoxide        | 19.62             | 0      | 19.4              | ug/kg | 99  |      | 6   |      | 23  | 155    | 16  |
|                | Endosulfan I              | 19.62             | 0      | 19.3              | ug/kg | 98  |      | 6   |      | 30  | 142    | 15  |
|                | Dieldrin                  | 19.62             | 0      | 19.5              | ug/kg | 99  |      | 6   |      | 32  | 140    | 20  |
|                | 4,4'-DDE                  | 19.62             | 0      | 19.1              | ug/kg | 97  |      | 6   |      | 20  | 156    | 16  |
|                | Endrin                    | 19.62             | 0      | 17.9              | ug/kg | 91  |      | 6   |      | 57  | 139    | 16  |
|                | Endosulfan II             | 19.62             | 0      | 19.1              | ug/kg | 97  |      | 5   |      | 41  | 125    | 15  |
|                | 4,4'-DDD                  | 19.62             | 0      | 20.8              | ug/kg | 106 |      | 6   |      | 47  | 163    | 20  |
|                | Endosulfan sulfate        | 19.62             | 0      | 18.8              | ug/kg | 96  |      | 6   |      | 43  | 125    | 15  |
|                | 4,4'-DDT                  | 19.62             | 0      | 18.8              | ug/kg | 96  |      | 5   |      | 25  | 149    | 15  |
|                | Methoxychlor              | 19.62             | 0      | 19.7              | ug/kg | 100 |      | 3   |      | 32  | 132    | 20  |
|                | Endrin ketone             | 19.62             | 0      | 20.3              | ug/kg | 103 |      | 7   |      | 27  | 142    | 15  |
|                | Endrin aldehyde           | 19.62             | 0      | 19.4              | ug/kg | 99  |      | 5   |      | 19  | 148    | 15  |
|                | alpha-Chlordane           | 19.62             | 0      | 18.7              | ug/kg | 95  |      | 4   |      | 26  | 147    | 20  |
|                | gamma-Chlordane           | 19.62             | 0      | 19.2              | ug/kg | 98  |      | 5   |      | 30  | 142    | 15  |
| Lab Sample ID: | Q3609-13MSD<br>(Column 2) | Client Sample ID: |        | AU-713-COMP-05MSD |       |     |      |     |      |     |        |     |
|                | alpha-BHC                 | 19.62             | 0      | 21.5              | ug/kg | 110 |      | 6   |      | 60  | 144    | 15  |
|                | beta-BHC                  | 19.62             | 0      | 20.9              | ug/kg | 107 |      | 6   |      | 54  | 143    | 15  |
|                | delta-BHC                 | 19.62             | 0      | 21.2              | ug/kg | 108 |      | 6   |      | 47  | 129    | 20  |
|                | gamma-BHC (Lindane)       | 19.62             | 0      | 21.3              | ug/kg | 109 |      | 6   |      | 39  | 136    | 30  |
|                | Heptachlor                | 19.62             | 0      | 21.8              | ug/kg | 111 |      | 6   |      | 33  | 148    | 20  |
|                | Aldrin                    | 19.62             | 0      | 20.6              | ug/kg | 105 |      | 6   |      | 38  | 139    | 30  |
|                | Heptachlor epoxide        | 19.62             | 0      | 20.8              | ug/kg | 106 |      | 6   |      | 23  | 155    | 16  |
|                | Endosulfan I              | 19.62             | 0      | 21.2              | ug/kg | 108 |      | 6   |      | 30  | 142    | 15  |
|                | Dieldrin                  | 19.62             | 0      | 21.3              | ug/kg | 109 |      | 5   |      | 32  | 140    | 20  |
|                | 4,4'-DDE                  | 19.62             | 0      | 21.3              | ug/kg | 109 |      | 5   |      | 20  | 156    | 16  |
|                | Endrin                    | 19.62             | 0      | 19.4              | ug/kg | 99  |      | 6   |      | 57  | 139    | 16  |
|                | Endosulfan II             | 19.62             | 0      | 21.6              | ug/kg | 110 |      | 6   |      | 41  | 125    | 15  |
|                | 4,4'-DDD                  | 19.62             | 0      | 21.8              | ug/kg | 111 |      | 6   |      | 47  | 163    | 20  |
|                | Endosulfan sulfate        | 19.62             | 0      | 21.9              | ug/kg | 112 |      | 5   |      | 43  | 125    | 15  |

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| <b>Client:</b>  | <u>ENTACT</u> | <b>DataFile :</b>         | <u>PD091152.D</u> |

| Parameter       | Spike | Sample |        | Units | Rec | Rec  |     | RPD  |     | Limits |     |
|-----------------|-------|--------|--------|-------|-----|------|-----|------|-----|--------|-----|
|                 |       | Result | Result |       |     | Qual | RPD | Qual | Low | High   | RPD |
| 4,4'-DDT        | 19.62 | 0      | 21.1   | ug/kg | 108 |      | 5   |      | 25  | 149    | 15  |
| Methoxychlor    | 19.62 | 0      | 21.3   | ug/kg | 109 |      | 6   |      | 32  | 132    | 20  |
| Endrin ketone   | 19.62 | 0      | 23.6   | ug/kg | 120 |      | 6   |      | 27  | 142    | 15  |
| Endrin aldehyde | 19.62 | 0      | 22.0   | ug/kg | 112 |      | 6   |      | 19  | 148    | 15  |
| alpha-Chlordane | 19.62 | 0      | 21.2   | ug/kg | 108 |      | 6   |      | 26  | 147    | 20  |
| gamma-Chlordane | 19.62 | 0      | 21.0   | ug/kg | 107 |      | 6   |      | 30  | 142    | 15  |