

### CALIBRATION VERIFICATION SUMMARY

Contract: ROYF02

Lab Code: CHEM Case No.: Q1421 SAS No.: Q1421 SDG NO.: Q1421

Continuing Calib Date: 02/28/2025 Initial Calibration Date(s): 02/21/2025 02/21/2025

Continuing Calib Time: 14:33 Initial Calibration Time(s): 10:56 11:51

GC Column: ZB-MR1 ID: 0.32 (mm)

| COMPOUND             | CCAL<br>RT | AVG<br>RT | RT WINDOW |      | DIFF<br>RT |
|----------------------|------------|-----------|-----------|------|------------|
|                      |            |           | FROM      | TO   |            |
| Decachlorobiphenyl   | 9.05       | 9.05      | 8.95      | 9.15 | 0.00       |
| Tetrachloro-m-xylene | 3.54       | 3.54      | 3.44      | 3.64 | 0.00       |
| alpha-BHC            | 3.99       | 3.99      | 3.89      | 4.09 | 0.00       |
| beta-BHC             | 4.53       | 4.52      | 4.42      | 4.62 | -0.01      |
| delta-BHC            | 4.77       | 4.77      | 4.67      | 4.87 | 0.00       |
| gamma-BHC (Lindane)  | 4.33       | 4.32      | 4.22      | 4.42 | -0.01      |
| Heptachlor           | 4.91       | 4.91      | 4.81      | 5.01 | 0.00       |
| Aldrin               | 5.26       | 5.25      | 5.15      | 5.35 | -0.01      |
| Heptachlor epoxide   | 5.68       | 5.68      | 5.58      | 5.78 | 0.00       |
| Endosulfan I         | 6.07       | 6.07      | 5.97      | 6.17 | 0.00       |
| Dieldrin             | 6.34       | 6.34      | 6.24      | 6.44 | 0.00       |
| 4,4'-DDE             | 6.19       | 6.19      | 6.09      | 6.29 | 0.00       |
| Endrin               | 6.57       | 6.57      | 6.47      | 6.67 | 0.00       |
| Endosulfan II        | 6.79       | 6.79      | 6.69      | 6.89 | 0.00       |
| 4,4'-DDD             | 6.71       | 6.71      | 6.61      | 6.81 | 0.00       |
| Endosulfan sulfate   | 7.16       | 7.15      | 7.05      | 7.25 | -0.01      |
| 4,4'-DDT             | 7.02       | 7.02      | 6.92      | 7.12 | 0.00       |
| Methoxychlor         | 7.50       | 7.50      | 7.40      | 7.60 | 0.00       |
| Endrin ketone        | 7.64       | 7.64      | 7.54      | 7.74 | 0.00       |
| Endrin aldehyde      | 6.92       | 6.92      | 6.82      | 7.02 | 0.00       |
| alpha-Chlordane      | 6.02       | 6.02      | 5.92      | 6.12 | 0.00       |
| gamma-Chlordane      | 5.94       | 5.94      | 5.84      | 6.04 | 0.00       |

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Continuing Calib Time: 14:33 Initial Calibration Time(s): 10:56 11:51

GC Column: ZB-MR2 ID: 0.32 (mm)

| COMPOUND             | CCAL<br>RT | AVG<br>RT | RT WINDOW |      | DIFF<br>RT |
|----------------------|------------|-----------|-----------|------|------------|
|                      |            |           | FROM      | TO   |            |
| Decachlorobiphenyl   | 7.91       | 7.90      | 7.80      | 8.00 | -0.01      |
| Tetrachloro-m-xylene | 2.77       | 2.77      | 2.67      | 2.87 | 0.00       |
| alpha-BHC            | 3.27       | 3.27      | 3.17      | 3.37 | 0.00       |
| beta-BHC             | 3.90       | 3.90      | 3.80      | 4.00 | 0.00       |
| delta-BHC            | 4.13       | 4.13      | 4.03      | 4.23 | 0.00       |
| gamma-BHC (Lindane)  | 3.60       | 3.60      | 3.50      | 3.70 | 0.00       |
| Heptachlor           | 3.94       | 3.94      | 3.84      | 4.04 | 0.00       |
| Aldrin               | 4.22       | 4.22      | 4.12      | 4.32 | 0.00       |
| Heptachlor epoxide   | 4.72       | 4.72      | 4.62      | 4.82 | 0.00       |
| Endosulfan I         | 5.09       | 5.09      | 4.99      | 5.19 | 0.00       |
| Dieldrin             | 5.36       | 5.36      | 5.26      | 5.46 | 0.00       |
| 4,4'-DDE             | 5.23       | 5.22      | 5.12      | 5.32 | 0.00       |
| Endrin               | 5.63       | 5.63      | 5.53      | 5.73 | 0.00       |
| Endosulfan II        | 5.93       | 5.93      | 5.83      | 6.03 | 0.00       |
| 4,4'-DDD             | 5.78       | 5.78      | 5.68      | 5.88 | 0.00       |
| Endosulfan sulfate   | 6.33       | 6.33      | 6.23      | 6.43 | 0.00       |
| 4,4'-DDT             | 6.03       | 6.03      | 5.93      | 6.13 | 0.00       |
| Methoxychlor         | 6.61       | 6.61      | 6.51      | 6.71 | 0.00       |
| Endrin ketone        | 6.84       | 6.83      | 6.73      | 6.93 | -0.01      |
| Endrin aldehyde      | 6.11       | 6.11      | 6.01      | 6.21 | 0.00       |
| alpha-Chlordane      | 5.04       | 5.04      | 4.94      | 5.14 | 0.00       |
| gamma-Chlordane      | 4.97       | 4.97      | 4.87      | 5.07 | 0.00       |