



284 Sheffield Street, Mountainside, NJ 07092 Phone: 908 789 8900 Fax: 908 789 8922

### CALIBRATION VERIFICATION SUMMARY

Contract: CHEM02

Lab Code: CHEM Case No.: O2213 SAS No.: O2213 SDG NO.: O2213

Continuing Calib Date: 04/07/2023 Initial Calibration Date(s): 03/14/2023 03/14/2023

Continuing Calib Time: 20:08 Initial Calibration Time(s): 15:49 16:43

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

| COMPOUND             | CCAL<br>RT | AVG<br>RT | RT WINDOW<br>FROM   TO |      | DIFF<br>RT |
|----------------------|------------|-----------|------------------------|------|------------|
| Decachlorobiphenyl   | 9.09       | 9.10      | 9.00                   | 9.20 | 0.01       |
| Tetrachloro-m-xylene | 3.55       | 3.55      | 3.45                   | 3.65 | 0.00       |
| alpha-BHC            | 4.01       | 4.01      | 3.91                   | 4.11 | 0.00       |
| beta-BHC             | 4.53       | 4.54      | 4.44                   | 4.64 | 0.01       |
| delta-BHC            | 4.78       | 4.79      | 4.69                   | 4.89 | 0.01       |
| gamma-BHC (Lindane)  | 4.34       | 4.34      | 4.24                   | 4.44 | 0.00       |
| Heptachlor           | 4.93       | 4.93      | 4.83                   | 5.03 | 0.00       |
| Aldrin               | 5.27       | 5.28      | 5.18                   | 5.38 | 0.01       |
| Heptachlor epoxide   | 5.70       | 5.71      | 5.61                   | 5.81 | 0.01       |
| Endosulfan I         | 6.09       | 6.09      | 5.99                   | 6.19 | 0.00       |
| Dieldrin             | 6.36       | 6.37      | 6.27                   | 6.47 | 0.01       |
| 4,4'-DDE             | 6.21       | 6.21      | 6.11                   | 6.31 | 0.00       |
| Endrin               | 6.59       | 6.60      | 6.50                   | 6.70 | 0.01       |
| Endosulfan II        | 6.81       | 6.82      | 6.72                   | 6.92 | 0.01       |
| 4,4'-DDD             | 6.73       | 6.73      | 6.63                   | 6.83 | 0.00       |
| Endosulfan sulfate   | 7.18       | 7.18      | 7.08                   | 7.28 | 0.00       |
| 4,4'-DDT             | 7.04       | 7.05      | 6.95                   | 7.15 | 0.01       |
| Methoxychlor         | 7.52       | 7.52      | 7.42                   | 7.62 | 0.00       |
| Endrin ketone        | 7.66       | 7.67      | 7.57                   | 7.77 | 0.01       |
| Endrin aldehyde      | 6.94       | 6.95      | 6.85                   | 7.05 | 0.01       |
| alpha-Chlordane      | 6.04       | 6.04      | 5.94                   | 6.14 | 0.00       |
| gamma-Chlordane      | 5.96       | 5.96      | 5.86                   | 6.06 | 0.00       |



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Continuing Calib Time: 20:08 Initial Calibration Time(s): 15:49 16:43

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

| COMPOUND             | CCAL<br>RT | AVG<br>RT | RT WINDOW<br>FROM   TO |      | DIFF<br>RT |
|----------------------|------------|-----------|------------------------|------|------------|
| Decachlorobiphenyl   | 7.92       | 7.93      | 7.83                   | 8.03 | 0.01       |
| Tetrachloro-m-xylene | 2.77       | 2.77      | 2.67                   | 2.87 | 0.00       |
| alpha-BHC            | 3.27       | 3.28      | 3.18                   | 3.38 | 0.01       |
| 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       | 3.61      | 3.51                   | 3.71 | 0.01       |
| Heptachlor           | 3.95       | 3.95      | 3.85                   | 4.05 | 0.01       |
| Aldrin               | 4.23       | 4.23      | 4.13                   | 4.33 | 0.01       |
| Heptachlor epoxide   | 4.73       | 4.73      | 4.63                   | 4.83 | 0.00       |
| Endosulfan I         | 5.10       | 5.10      | 5.00                   | 5.20 | 0.00       |
| Dieldrin             | 5.36       | 5.37      | 5.27                   | 5.47 | 0.01       |
| 4,4'-DDE             | 5.23       | 5.24      | 5.14                   | 5.34 | 0.01       |
| Endrin               | 5.64       | 5.64      | 5.54                   | 5.74 | 0.00       |
| Endosulfan II        | 5.93       | 5.94      | 5.84                   | 6.04 | 0.01       |
| 4,4'-DDD             | 5.79       | 5.79      | 5.69                   | 5.89 | 0.00       |
| Endosulfan sulfate   | 6.34       | 6.34      | 6.24                   | 6.44 | 0.00       |
| 4,4'-DDT             | 6.04       | 6.04      | 5.94                   | 6.14 | 0.00       |
| Methoxychlor         | 6.62       | 6.62      | 6.52                   | 6.72 | 0.01       |
| Endrin ketone        | 6.84       | 6.85      | 6.75                   | 6.95 | 0.01       |
| Endrin aldehyde      | 6.11       | 6.12      | 6.02                   | 6.22 | 0.01       |
| alpha-Chlordane      | 5.04       | 5.05      | 4.95                   | 5.15 | 0.01       |
| gamma-Chlordane      | 4.98       | 4.98      | 4.88                   | 5.08 | 0.00       |