





### RETENTION TIMES OF INITIAL CALIBRATION

Contract: UNIO02

Lab Code: CHEM Case No.: P4663 SAS No.: P4663 SDG NO.: P4663

Instrument ID: ECD\_P Calibration Date(s): 10/08/2024 10/08/2024

Calibration Times: 16:30 23:46

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

|                            |                             |                            |
|----------------------------|-----------------------------|----------------------------|
| LAB FILE ID:               | RT 1000 = <u>PP067587.D</u> | RT 750 = <u>PP067588.D</u> |
| RT 500 = <u>PP067589.D</u> | RT 250 = <u>PP067590.D</u>  | RT 050 = <u>PP067591.D</u> |

| COMPOUND             |     | RT 1000 | RT 750 | RT 500 | RT 250 | RT 050 | MEAN<br>RT | RT WINDOW |      |
|----------------------|-----|---------|--------|--------|--------|--------|------------|-----------|------|
|                      |     |         |        |        |        |        |            | FROM      | TO   |
| Aroclor-1016-1       | (1) | 5.16    | 5.16   | 5.16   | 5.16   | 5.16   | 5.16       | 5.06      | 5.26 |
| Aroclor-1016-2       | (2) | 5.18    | 5.18   | 5.18   | 5.18   | 5.18   | 5.18       | 5.08      | 5.28 |
| Aroclor-1016-3       | (3) | 5.36    | 5.36   | 5.36   | 5.36   | 5.36   | 5.36       | 5.26      | 5.46 |
| Aroclor-1016-4       | (4) | 5.40    | 5.40   | 5.40   | 5.40   | 5.40   | 5.40       | 5.30      | 5.50 |
| Aroclor-1016-5       | (5) | 5.62    | 5.62   | 5.62   | 5.62   | 5.62   | 5.62       | 5.52      | 5.72 |
| Aroclor-1260-1       | (1) | 6.66    | 6.66   | 6.66   | 6.66   | 6.66   | 6.66       | 6.56      | 6.76 |
| Aroclor-1260-2       | (2) | 6.85    | 6.85   | 6.85   | 6.85   | 6.85   | 6.85       | 6.75      | 6.95 |
| Aroclor-1260-3       | (3) | 7.01    | 7.01   | 7.01   | 7.01   | 7.01   | 7.01       | 6.91      | 7.11 |
| Aroclor-1260-4       | (4) | 7.48    | 7.48   | 7.48   | 7.48   | 7.48   | 7.48       | 7.38      | 7.58 |
| Aroclor-1260-5       | (5) | 7.72    | 7.72   | 7.72   | 7.72   | 7.72   | 7.72       | 7.62      | 7.82 |
| Decachlorobiphenyl   |     | 9.22    | 9.22   | 9.22   | 9.22   | 9.22   | 9.22       | 9.12      | 9.32 |
| Tetrachloro-m-xylene |     | 4.05    | 4.05   | 4.05   | 4.05   | 4.05   | 4.05       | 3.95      | 4.15 |
| Aroclor-1242-1       | (1) | 5.16    | 5.16   | 5.16   | 5.16   | 5.16   | 5.16       | 5.06      | 5.26 |
| Aroclor-1242-2       | (2) | 5.18    | 5.18   | 5.18   | 5.18   | 5.18   | 5.18       | 5.08      | 5.28 |
| Aroclor-1242-3       | (3) | 5.36    | 5.36   | 5.36   | 5.36   | 5.36   | 5.36       | 5.26      | 5.46 |
| Aroclor-1242-4       | (4) | 5.45    | 5.45   | 5.45   | 5.44   | 5.45   | 5.45       | 5.35      | 5.55 |
| Aroclor-1242-5       | (5) | 5.97    | 5.98   | 5.98   | 5.97   | 5.98   | 5.98       | 5.88      | 6.08 |
| Decachlorobiphenyl   |     | 9.22    | 9.22   | 9.22   | 9.22   | 9.22   | 9.22       | 9.12      | 9.32 |
| Tetrachloro-m-xylene |     | 4.05    | 4.05   | 4.05   | 4.05   | 4.05   | 4.05       | 3.95      | 4.15 |
| Aroclor-1248-1       | (1) | 5.16    | 5.16   | 5.16   | 5.16   | 5.16   | 5.16       | 5.06      | 5.26 |
| Aroclor-1248-2       | (2) | 5.40    | 5.40   | 5.40   | 5.40   | 5.40   | 5.40       | 5.30      | 5.50 |
| Aroclor-1248-3       | (3) | 5.44    | 5.45   | 5.44   | 5.44   | 5.45   | 5.44       | 5.34      | 5.54 |
| Aroclor-1248-4       | (4) | 5.62    | 5.62   | 5.62   | 5.62   | 5.62   | 5.62       | 5.52      | 5.72 |
| Aroclor-1248-5       | (5) | 6.02    | 6.02   | 6.02   | 6.02   | 6.02   | 6.02       | 5.92      | 6.12 |
| Decachlorobiphenyl   |     | 9.22    | 9.22   | 9.22   | 9.22   | 9.22   | 9.22       | 9.12      | 9.32 |
| Tetrachloro-m-xylene |     | 4.05    | 4.05   | 4.05   | 4.05   | 4.05   | 4.05       | 3.95      | 4.15 |
| Aroclor-1254-1       | (1) | 5.98    | 5.97   | 5.98   | 5.98   | 5.98   | 5.98       | 5.88      | 6.08 |
| Aroclor-1254-2       | (2) | 6.12    | 6.12   | 6.12   | 6.12   | 6.12   | 6.12       | 6.02      | 6.22 |
| Aroclor-1254-3       | (3) | 6.53    | 6.53   | 6.53   | 6.53   | 6.53   | 6.53       | 6.43      | 6.63 |
| Aroclor-1254-4       | (4) | 6.76    | 6.76   | 6.76   | 6.76   | 6.76   | 6.76       | 6.66      | 6.86 |
| Aroclor-1254-5       | (5) | 7.18    | 7.18   | 7.18   | 7.18   | 7.18   | 7.18       | 7.08      | 7.28 |
| Decachlorobiphenyl   |     | 9.22    | 9.22   | 9.22   | 9.22   | 9.22   | 9.22       | 9.12      | 9.32 |
| Tetrachloro-m-xylene |     | 4.05    | 4.05   | 4.05   | 4.05   | 4.05   | 4.05       | 3.95      | 4.15 |
| Aroclor-1268-1       | (1) | 8.01    | 8.01   | 8.01   | 8.01   | 8.01   | 8.01       | 7.91      | 8.11 |
| Aroclor-1268-2       | (2) | 8.07    | 8.07   | 8.07   | 8.07   | 8.07   | 8.07       | 7.97      | 8.17 |
| Aroclor-1268-3       | (3) | 8.29    | 8.29   | 8.29   | 8.29   | 8.29   | 8.29       | 8.19      | 8.39 |
| Aroclor-1268-4       | (4) | 8.60    | 8.60   | 8.60   | 8.60   | 8.60   | 8.60       | 8.50      | 8.70 |
| Aroclor-1268-5       | (5) | 8.93    | 8.93   | 8.93   | 8.92   | 8.93   | 8.93       | 8.83      | 9.03 |

[illegible]