

# RETENTION TIMES OF INITIAL CALIBRATION

**Contract:** ENTA05

**Lab Code:** CHEM **Case No.:** Q1609 **SAS No.:** Q1609 **SDG NO.:** Q1609

**Instrument ID:** ECD\_P **Calibration Date(s):** 03/11/2025 03/11/2025

**Calibration Times:** 15:13 23:38

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

**LAB FILE ID:** **RT 1000 =** PP070419.D **RT 750 =** PP070420.D

**RT 500 =** PP070421.D **RT 250 =** PP070422.D **RT 050 =** PP070423.D

| COMPOUND             |     | RT 1000 | RT 750 | RT 500 | RT 250 | RT 050 | MEAN<br>RT | RT WINDOW |       |
|----------------------|-----|---------|--------|--------|--------|--------|------------|-----------|-------|
|                      |     |         |        |        |        |        |            | FROM      | TO    |
| Aroclor-1016-1       | (1) | 5.68    | 5.68   | 5.68   | 5.68   | 5.68   | 5.68       | 5.58      | 5.78  |
| Aroclor-1016-2       | (2) | 5.70    | 5.70   | 5.70   | 5.70   | 5.70   | 5.70       | 5.60      | 5.80  |
| Aroclor-1016-3       | (3) | 5.76    | 5.76   | 5.76   | 5.76   | 5.76   | 5.76       | 5.66      | 5.86  |
| Aroclor-1016-4       | (4) | 5.86    | 5.86   | 5.86   | 5.86   | 5.86   | 5.86       | 5.76      | 5.96  |
| Aroclor-1016-5       | (5) | 6.15    | 6.15   | 6.15   | 6.15   | 6.15   | 6.15       | 6.05      | 6.25  |
| Aroclor-1260-1       | (1) | 7.27    | 7.27   | 7.27   | 7.27   | 7.27   | 7.27       | 7.17      | 7.37  |
| Aroclor-1260-2       | (2) | 7.53    | 7.52   | 7.53   | 7.53   | 7.53   | 7.53       | 7.43      | 7.63  |
| Aroclor-1260-3       | (3) | 7.89    | 7.88   | 7.88   | 7.89   | 7.89   | 7.88       | 7.78      | 7.98  |
| Aroclor-1260-4       | (4) | 8.11    | 8.11   | 8.11   | 8.11   | 8.11   | 8.11       | 8.01      | 8.21  |
| Aroclor-1260-5       | (5) | 8.43    | 8.43   | 8.43   | 8.43   | 8.43   | 8.43       | 8.33      | 8.53  |
| Decachlorobiphenyl   |     | 10.25   | 10.25  | 10.25  | 10.26  | 10.25  | 10.25      | 10.15     | 10.35 |
| Tetrachloro-m-xylene |     | 4.53    | 4.52   | 4.52   | 4.53   | 4.53   | 4.53       | 4.43      | 4.63  |
| Aroclor-1232-1       | (1) | 4.89    | 4.89   | 4.89   | 4.89   | 4.89   | 4.89       | 4.79      | 4.99  |
| Aroclor-1232-2       | (2) | 5.41    | 5.41   | 5.41   | 5.41   | 5.41   | 5.41       | 5.31      | 5.51  |
| Aroclor-1232-3       | (3) | 5.70    | 5.70   | 5.70   | 5.70   | 5.70   | 5.70       | 5.60      | 5.80  |
| Aroclor-1232-4       | (4) | 5.86    | 5.86   | 5.86   | 5.86   | 5.86   | 5.86       | 5.76      | 5.96  |
| Aroclor-1232-5       | (5) | 5.95    | 5.95   | 5.95   | 5.95   | 5.94   | 5.95       | 5.85      | 6.05  |
| Decachlorobiphenyl   |     | 10.25   | 10.25  | 10.25  | 10.25  | 10.26  | 10.25      | 10.15     | 10.35 |
| Tetrachloro-m-xylene |     | 4.53    | 4.53   | 4.53   | 4.53   | 4.53   | 4.53       | 4.43      | 4.63  |
| Aroclor-1242-1       | (1) | 5.68    | 5.68   | 5.68   | 5.68   | 5.68   | 5.68       | 5.58      | 5.78  |
| Aroclor-1242-2       | (2) | 5.70    | 5.70   | 5.70   | 5.70   | 5.70   | 5.70       | 5.60      | 5.80  |
| Aroclor-1242-3       | (3) | 5.76    | 5.76   | 5.76   | 5.76   | 5.76   | 5.76       | 5.66      | 5.86  |
| Aroclor-1242-4       | (4) | 5.86    | 5.86   | 5.86   | 5.86   | 5.86   | 5.86       | 5.76      | 5.96  |
| Aroclor-1242-5       | (5) | 6.59    | 6.59   | 6.59   | 6.59   | 6.59   | 6.59       | 6.49      | 6.69  |
| Decachlorobiphenyl   |     | 10.25   | 10.25  | 10.25  | 10.25  | 10.25  | 10.25      | 10.15     | 10.35 |
| Tetrachloro-m-xylene |     | 4.53    | 4.53   | 4.53   | 4.52   | 4.53   | 4.53       | 4.43      | 4.63  |
| Aroclor-1248-1       | (1) | 5.68    | 5.68   | 5.68   | 5.68   | 5.68   | 5.68       | 5.58      | 5.78  |
| Aroclor-1248-2       | (2) | 5.95    | 5.95   | 5.95   | 5.95   | 5.95   | 5.95       | 5.85      | 6.05  |
| Aroclor-1248-3       | (3) | 6.15    | 6.15   | 6.15   | 6.15   | 6.15   | 6.15       | 6.05      | 6.25  |
| Aroclor-1248-4       | (4) | 6.55    | 6.55   | 6.55   | 6.55   | 6.55   | 6.55       | 6.45      | 6.65  |
| Aroclor-1248-5       | (5) | 6.59    | 6.59   | 6.59   | 6.59   | 6.59   | 6.59       | 6.49      | 6.69  |
| Decachlorobiphenyl   |     | 10.25   | 10.25  | 10.25  | 10.25  | 10.25  | 10.25      | 10.15     | 10.35 |
| Tetrachloro-m-xylene |     | 4.53    | 4.52   | 4.52   | 4.52   | 4.52   | 4.52       | 4.42      | 4.62  |
| Aroclor-1254-1       | (1) | 6.53    | 6.53   | 6.53   | 6.52   | 6.53   | 6.53       | 6.43      | 6.63  |
| Aroclor-1254-2       | (2) | 6.74    | 6.74   | 6.75   | 6.74   | 6.74   | 6.74       | 6.64      | 6.84  |
| Aroclor-1254-3       | (3) | 7.11    | 7.11   | 7.11   | 7.10   | 7.11   | 7.11       | 7.01      | 7.21  |
| Aroclor-1254-4       | (4) | 7.39    | 7.39   | 7.39   | 7.39   | 7.39   | 7.39       | 7.29      | 7.49  |
| Aroclor-1254-5       | (5) | 7.81    | 7.81   | 7.81   | 7.80   | 7.81   | 7.81       | 7.71      | 7.91  |

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|                      |       |       |       |       |       |       |       |       |
|----------------------|-------|-------|-------|-------|-------|-------|-------|-------|
| Decachlorobiphenyl   | 10.25 | 10.25 | 10.25 | 10.25 | 10.25 | 10.25 | 10.15 | 10.35 |
| Tetrachloro-m-xylene | 4.53  | 4.52  | 4.53  | 4.52  | 4.53  | 4.53  | 4.43  | 4.63  |
| Aroclor-1268-1 (1)   | 8.75  | 8.74  | 8.74  | 8.74  | 8.75  | 8.74  | 8.64  | 8.84  |
| Aroclor-1268-2 (2)   | 8.84  | 8.84  | 8.83  | 8.83  | 8.84  | 8.84  | 8.74  | 8.94  |
| Aroclor-1268-3 (3)   | 9.07  | 9.07  | 9.07  | 9.07  | 9.07  | 9.07  | 8.97  | 9.17  |
| Aroclor-1268-4 (4)   | 9.49  | 9.49  | 9.49  | 9.49  | 9.49  | 9.49  | 9.39  | 9.59  |
| Aroclor-1268-5 (5)   | 9.91  | 9.91  | 9.90  | 9.91  | 9.91  | 9.91  | 9.81  | 10.01 |
| Decachlorobiphenyl   | 10.25 | 10.25 | 10.25 | 10.25 | 10.25 | 10.25 | 10.15 | 10.35 |
| Tetrachloro-m-xylene | 4.53  | 4.53  | 4.52  | 4.52  | 4.53  | 4.53  | 4.43  | 4.63  |

|                |               |                      |              |                   |                   |          |              |
|----------------|---------------|----------------------|--------------|-------------------|-------------------|----------|--------------|
| Contract:      | <u>ENTA05</u> |                      |              |                   |                   |          |              |
| Lab Code:      | <u>CHEM</u>   | Case No.:            | <u>Q1609</u> | SAS No.:          | <u>Q1609</u>      | SDG NO.: | <u>Q1609</u> |
| Instrument ID: | <u>ECD_P</u>  | Calibration Date(s): |              | <u>03/11/2025</u> | <u>03/11/2025</u> |          |              |
|                |               | Calibration Times:   |              | <u>15:13</u>      | <u>23:38</u>      |          |              |

|              |            |           |                   |          |                   |
|--------------|------------|-----------|-------------------|----------|-------------------|
| LAB FILE ID: |            | RT 1000 = | <u>PP070419.D</u> | RT 750 = | <u>PP070420.D</u> |
| RT 500 =     | PP070421.D | RT 250 =  | PP070422.D        | RT 050 = | PP070423.D        |

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