

# RETENTION TIMES OF INITIAL CALIBRATION

**Contract:** PORT06

**Lab Code:** CHEM **Case No.:** Q2198 **SAS No.:** Q2198 **SDG NO.:** Q2198

**Instrument ID:** ECD\_O **Calibration Date(s):** 05/14/2025 05/15/2025

**Calibration Times:** 17:19 01:31

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

|                                   |                                    |                                   |
|-----------------------------------|------------------------------------|-----------------------------------|
| <b>LAB FILE ID:</b>               | <b>RT 1000 =</b> <u>PO111058.D</u> | <b>RT 750 =</b> <u>PO111059.D</u> |
| <b>RT 500 =</b> <u>PO111060.D</u> | <b>RT 250 =</b> <u>PO111061.D</u>  | <b>RT 050 =</b> <u>PO111062.D</u> |

| COMPOUND             |     | RT 1000 | RT 750 | RT 500 | RT 250 | RT 050 | MEAN<br>RT | RT WINDOW |      |
|----------------------|-----|---------|--------|--------|--------|--------|------------|-----------|------|
|                      |     |         |        |        |        |        |            | FROM      | TO   |
| Aroclor-1016-1       | (1) | 4.77    | 4.77   | 4.77   | 4.77   | 4.77   | 4.77       | 4.67      | 4.87 |
| Aroclor-1016-2       | (2) | 4.79    | 4.79   | 4.79   | 4.79   | 4.79   | 4.79       | 4.69      | 4.89 |
| Aroclor-1016-3       | (3) | 4.85    | 4.85   | 4.85   | 4.85   | 4.85   | 4.85       | 4.75      | 4.95 |
| Aroclor-1016-4       | (4) | 4.97    | 4.97   | 4.97   | 4.97   | 4.97   | 4.97       | 4.87      | 5.07 |
| Aroclor-1016-5       | (5) | 5.23    | 5.23   | 5.23   | 5.23   | 5.23   | 5.23       | 5.13      | 5.33 |
| Aroclor-1260-1       | (1) | 6.27    | 6.27   | 6.27   | 6.27   | 6.27   | 6.27       | 6.17      | 6.37 |
| Aroclor-1260-2       | (2) | 6.46    | 6.46   | 6.46   | 6.46   | 6.45   | 6.46       | 6.36      | 6.56 |
| Aroclor-1260-3       | (3) | 6.82    | 6.82   | 6.82   | 6.82   | 6.82   | 6.82       | 6.72      | 6.92 |
| Aroclor-1260-4       | (4) | 7.08    | 7.08   | 7.08   | 7.08   | 7.08   | 7.08       | 6.98      | 7.18 |
| Aroclor-1260-5       | (5) | 7.33    | 7.33   | 7.33   | 7.32   | 7.32   | 7.33       | 7.23      | 7.43 |
| Decachlorobiphenyl   |     | 8.73    | 8.73   | 8.72   | 8.72   | 8.72   | 8.72       | 8.62      | 8.82 |
| Tetrachloro-m-xylene |     | 3.68    | 3.68   | 3.68   | 3.68   | 3.68   | 3.68       | 3.58      | 3.78 |
| Aroclor-1242-1       | (1) | 4.77    | 4.77   | 4.77   | 4.77   | 4.77   | 4.77       | 4.67      | 4.87 |
| Aroclor-1242-2       | (2) | 4.79    | 4.79   | 4.79   | 4.79   | 4.79   | 4.79       | 4.69      | 4.89 |
| Aroclor-1242-3       | (3) | 4.85    | 4.85   | 4.85   | 4.85   | 4.85   | 4.85       | 4.75      | 4.95 |
| Aroclor-1242-4       | (4) | 4.97    | 4.97   | 4.97   | 4.97   | 4.97   | 4.97       | 4.87      | 5.07 |
| Aroclor-1242-5       | (5) | 5.62    | 5.62   | 5.62   | 5.62   | 5.62   | 5.62       | 5.52      | 5.72 |
| Decachlorobiphenyl   |     | 8.72    | 8.72   | 8.73   | 8.72   | 8.72   | 8.72       | 8.62      | 8.82 |
| Tetrachloro-m-xylene |     | 3.68    | 3.68   | 3.68   | 3.68   | 3.68   | 3.68       | 3.58      | 3.78 |
| Aroclor-1248-1       | (1) | 4.77    | 4.77   | 4.77   | 4.77   | 4.77   | 4.77       | 4.67      | 4.87 |
| Aroclor-1248-2       | (2) | 5.01    | 5.01   | 5.01   | 5.01   | 5.01   | 5.01       | 4.91      | 5.11 |
| Aroclor-1248-3       | (3) | 5.23    | 5.23   | 5.23   | 5.22   | 5.23   | 5.23       | 5.13      | 5.33 |
| Aroclor-1248-4       | (4) | 5.58    | 5.58   | 5.58   | 5.58   | 5.58   | 5.58       | 5.48      | 5.68 |
| Aroclor-1248-5       | (5) | 5.62    | 5.62   | 5.62   | 5.62   | 5.62   | 5.62       | 5.52      | 5.72 |
| Decachlorobiphenyl   |     | 8.72    | 8.72   | 8.72   | 8.72   | 8.72   | 8.72       | 8.62      | 8.82 |
| Tetrachloro-m-xylene |     | 3.68    | 3.68   | 3.68   | 3.68   | 3.68   | 3.68       | 3.58      | 3.78 |
| Aroclor-1254-1       | (1) | 5.58    | 5.58   | 5.58   | 5.58   | 5.58   | 5.58       | 5.48      | 5.68 |
| Aroclor-1254-2       | (2) | 5.73    | 5.73   | 5.73   | 5.73   | 5.73   | 5.73       | 5.63      | 5.83 |
| Aroclor-1254-3       | (3) | 6.13    | 6.13   | 6.13   | 6.13   | 6.13   | 6.13       | 6.03      | 6.23 |
| Aroclor-1254-4       | (4) | 6.36    | 6.36   | 6.36   | 6.36   | 6.36   | 6.36       | 6.26      | 6.46 |
| Aroclor-1254-5       | (5) | 6.78    | 6.78   | 6.78   | 6.78   | 6.78   | 6.78       | 6.68      | 6.88 |
| Decachlorobiphenyl   |     | 8.73    | 8.73   | 8.72   | 8.72   | 8.72   | 8.72       | 8.62      | 8.82 |
| Tetrachloro-m-xylene |     | 3.68    | 3.68   | 3.68   | 3.68   | 3.68   | 3.68       | 3.58      | 3.78 |
| Aroclor-1268-1       | (1) | 7.61    | 7.61   | 7.61   | 7.61   | 7.61   | 7.61       | 7.51      | 7.71 |
| Aroclor-1268-2       | (2) | 7.67    | 7.67   | 7.67   | 7.67   | 7.67   | 7.67       | 7.57      | 7.77 |
| Aroclor-1268-3       | (3) | 7.88    | 7.88   | 7.88   | 7.88   | 7.88   | 7.88       | 7.78      | 7.98 |
| Aroclor-1268-4       | (4) | 8.17    | 8.17   | 8.17   | 8.17   | 8.17   | 8.17       | 8.07      | 8.27 |
| Aroclor-1268-5       | (5) | 8.46    | 8.47   | 8.47   | 8.46   | 8.46   | 8.46       | 8.36      | 8.56 |

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|                |               |                      |              |                   |                   |          |              |
|----------------|---------------|----------------------|--------------|-------------------|-------------------|----------|--------------|
| Contract:      | <u>PORT06</u> |                      |              |                   |                   |          |              |
| Lab Code:      | <u>CHEM</u>   | Case No.:            | <u>Q2198</u> | SAS No.:          | <u>Q2198</u>      | SDG NO.: | <u>Q2198</u> |
| Instrument ID: | <u>ECD_O</u>  | Calibration Date(s): |              | <u>05/14/2025</u> | <u>05/15/2025</u> |          |              |
|                |               | Calibration Times:   |              | <u>17:19</u>      | <u>01:31</u>      |          |              |

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

LAB FILE ID: RT 1000 = PO111058.D RT 750 = PO111059.D  
RT 500 = PO111060.D RT 250 = PO111061.D RT 050 = PO111062.D

[illegible]

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