

# RETENTION TIMES OF INITIAL CALIBRATION

Contract: NOBI03

Lab Code: CHEM Case No.: Q1883 SAS No.: Q1883 SDG NO.: Q1883

Instrument ID: ECD\_P Calibration Date(s): 04/22/2025 04/22/2025

Calibration Times: 10:29 17:49

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

|                            |                             |                            |
|----------------------------|-----------------------------|----------------------------|
| LAB FILE ID:               | RT 1000 = <u>PP071389.D</u> | RT 750 = <u>PP071390.D</u> |
| RT 500 = <u>PP071391.D</u> | RT 250 = <u>PP071392.D</u>  | RT 050 = <u>PP071393.D</u> |

| COMPOUND             |     | RT 1000 | RT 750 | RT 500 | RT 250 | RT 050 | MEAN<br>RT | RT WINDOW |       |
|----------------------|-----|---------|--------|--------|--------|--------|------------|-----------|-------|
|                      |     |         |        |        |        |        |            | FROM      | TO    |
| Aroclor-1016-1       | (1) | 5.66    | 5.67   | 5.67   | 5.67   | 5.67   | 5.67       | 5.57      | 5.77  |
| Aroclor-1016-2       | (2) | 5.69    | 5.69   | 5.69   | 5.69   | 5.69   | 5.69       | 5.59      | 5.79  |
| Aroclor-1016-3       | (3) | 5.75    | 5.75   | 5.75   | 5.75   | 5.75   | 5.75       | 5.65      | 5.85  |
| Aroclor-1016-4       | (4) | 5.85    | 5.85   | 5.85   | 5.85   | 5.85   | 5.85       | 5.75      | 5.95  |
| Aroclor-1016-5       | (5) | 6.14    | 6.14   | 6.15   | 6.14   | 6.14   | 6.14       | 6.04      | 6.24  |
| Aroclor-1260-1       | (1) | 7.26    | 7.26   | 7.27   | 7.26   | 7.26   | 7.26       | 7.16      | 7.36  |
| Aroclor-1260-2       | (2) | 7.51    | 7.51   | 7.52   | 7.52   | 7.52   | 7.52       | 7.42      | 7.62  |
| Aroclor-1260-3       | (3) | 7.87    | 7.87   | 7.88   | 7.87   | 7.88   | 7.87       | 7.77      | 7.97  |
| Aroclor-1260-4       | (4) | 8.10    | 8.10   | 8.10   | 8.10   | 8.10   | 8.10       | 8.00      | 8.20  |
| Aroclor-1260-5       | (5) | 8.42    | 8.42   | 8.42   | 8.42   | 8.42   | 8.42       | 8.32      | 8.52  |
| Decachlorobiphenyl   |     | 10.23   | 10.23  | 10.24  | 10.23  | 10.24  | 10.23      | 10.13     | 10.33 |
| Tetrachloro-m-xylene |     | 4.51    | 4.51   | 4.52   | 4.51   | 4.52   | 4.51       | 4.41      | 4.61  |
| Aroclor-1242-1       | (1) | 5.67    | 5.67   | 5.67   | 5.67   | 5.67   | 5.67       | 5.57      | 5.77  |
| Aroclor-1242-2       | (2) | 5.69    | 5.69   | 5.69   | 5.69   | 5.69   | 5.69       | 5.59      | 5.79  |
| Aroclor-1242-3       | (3) | 5.75    | 5.75   | 5.75   | 5.75   | 5.75   | 5.75       | 5.65      | 5.85  |
| Aroclor-1242-4       | (4) | 5.85    | 5.85   | 5.85   | 5.85   | 5.85   | 5.85       | 5.75      | 5.95  |
| Aroclor-1242-5       | (5) | 6.58    | 6.58   | 6.58   | 6.58   | 6.58   | 6.58       | 6.48      | 6.68  |
| Decachlorobiphenyl   |     | 10.23   | 10.24  | 10.24  | 10.23  | 10.24  | 10.24      | 10.14     | 10.34 |
| Tetrachloro-m-xylene |     | 4.51    | 4.52   | 4.51   | 4.51   | 4.52   | 4.51       | 4.41      | 4.61  |
| Aroclor-1248-1       | (1) | 5.67    | 5.67   | 5.67   | 5.67   | 5.67   | 5.67       | 5.57      | 5.77  |
| Aroclor-1248-2       | (2) | 5.94    | 5.94   | 5.94   | 5.94   | 5.94   | 5.94       | 5.84      | 6.04  |
| Aroclor-1248-3       | (3) | 6.14    | 6.14   | 6.14   | 6.14   | 6.14   | 6.14       | 6.04      | 6.24  |
| Aroclor-1248-4       | (4) | 6.54    | 6.54   | 6.54   | 6.54   | 6.54   | 6.54       | 6.44      | 6.64  |
| Aroclor-1248-5       | (5) | 6.58    | 6.58   | 6.58   | 6.58   | 6.58   | 6.58       | 6.48      | 6.68  |
| Decachlorobiphenyl   |     | 10.24   | 10.24  | 10.24  | 10.24  | 10.24  | 10.24      | 10.14     | 10.34 |
| Tetrachloro-m-xylene |     | 4.52    | 4.52   | 4.51   | 4.51   | 4.51   | 4.51       | 4.41      | 4.61  |
| Aroclor-1254-1       | (1) | 6.52    | 6.52   | 6.52   | 6.52   | 6.52   | 6.52       | 6.42      | 6.62  |
| Aroclor-1254-2       | (2) | 6.74    | 6.74   | 6.74   | 6.73   | 6.74   | 6.74       | 6.64      | 6.84  |
| Aroclor-1254-3       | (3) | 7.10    | 7.10   | 7.10   | 7.10   | 7.10   | 7.10       | 7.00      | 7.20  |
| Aroclor-1254-4       | (4) | 7.38    | 7.38   | 7.38   | 7.38   | 7.38   | 7.38       | 7.28      | 7.48  |
| Aroclor-1254-5       | (5) | 7.80    | 7.80   | 7.80   | 7.80   | 7.80   | 7.80       | 7.70      | 7.90  |
| Decachlorobiphenyl   |     | 10.24   | 10.24  | 10.24  | 10.23  | 10.24  | 10.24      | 10.14     | 10.34 |
| Tetrachloro-m-xylene |     | 4.52    | 4.52   | 4.52   | 4.51   | 4.51   | 4.51       | 4.41      | 4.61  |
| Aroclor-1268-1       | (1) | 8.73    | 8.73   | 8.73   | 8.74   | 8.73   | 8.73       | 8.63      | 8.83  |
| Aroclor-1268-2       | (2) | 8.83    | 8.83   | 8.83   | 8.83   | 8.83   | 8.83       | 8.73      | 8.93  |
| Aroclor-1268-3       | (3) | 9.06    | 9.06   | 9.06   | 9.06   | 9.06   | 9.06       | 8.96      | 9.16  |
| Aroclor-1268-4       | (4) | 9.48    | 9.48   | 9.48   | 9.48   | 9.48   | 9.48       | 9.38      | 9.58  |
| Aroclor-1268-5       | (5) | 9.89    | 9.89   | 9.89   | 9.90   | 9.89   | 9.90       | 9.80      | 10.00 |

**RETENTION TIMES OF INITIAL CALIBRATION**

|                      |       |       |       |       |       |       |       |       |
|----------------------|-------|-------|-------|-------|-------|-------|-------|-------|
| Decachlorobiphenyl   | 10.24 | 10.23 | 10.24 | 10.24 | 10.24 | 10.24 | 10.14 | 10.34 |
| Tetrachloro-m-xylene | 4.51  | 4.52  | 4.52  | 4.52  | 4.51  | 4.52  | 4.42  | 4.62  |

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|                |               |                      |              |                   |                   |          |              |
|----------------|---------------|----------------------|--------------|-------------------|-------------------|----------|--------------|
| Contract:      | <u>NOBI03</u> |                      |              |                   |                   |          |              |
| Lab Code:      | <u>CHEM</u>   | Case No.:            | <u>Q1883</u> | SAS No.:          | <u>Q1883</u>      | SDG NO.: | <u>Q1883</u> |
| Instrument ID: | <u>ECD_P</u>  | Calibration Date(s): |              | <u>04/22/2025</u> | <u>04/22/2025</u> |          |              |
|                |               | Calibration Times:   |              | <u>10:29</u>      | <u>17:49</u>      |          |              |

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

LAB FILE ID: RT 1000 = PP071389.D RT 750 = PP071390.D  
RT 500 = PP071391.D RT 250 = PP071392.D RT 050 = PP071393.D

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