

**INITIAL CALIBRATION OF MULTICOMPONENT ANALYTES**

**Contract:** CHEM02

**Lab Code:** CHEM **Case No.:** Q1469 **SAS No.:** Q1469 **SDG NO.:** Q1469

**Instrument ID:** ECD\_Q **Date(s) Analyzed:** 02/26/2025 02/26/2025

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

| COMPOUND     | AMOUNT<br>(ng) | PEAK | RT   | RT WINDOW |      | CALIBRATION<br>FACTOR |
|--------------|----------------|------|------|-----------|------|-----------------------|
|              |                |      |      | FROM      | TO   |                       |
| Aroclor-1221 | 100            | 1    | 3.60 | 3.53      | 3.67 | 135534000             |
|              |                | 2    | 3.68 | 3.61      | 3.75 | 94135000              |
|              |                | 3    | 3.75 | 3.68      | 3.82 | 309467000             |
|              |                | 4    | 0.00 |           |      | 0                     |
|              |                | 5    | 0.00 |           |      | 0                     |
| Aroclor-1232 | 100            | 1    | 3.74 | 3.67      | 3.81 | 236353000             |
|              |                | 2    | 4.23 | 4.16      | 4.30 | 141901000             |
|              |                | 3    | 4.50 | 4.43      | 4.57 | 258438000             |
|              |                | 4    | 4.65 | 4.58      | 4.72 | 128995000             |
|              |                | 5    | 4.75 | 4.68      | 4.82 | 87064500              |
| Aroclor-1242 | 100            | 1    | 4.49 | 4.42      | 4.56 | 258478000             |
|              |                | 2    | 4.50 | 4.43      | 4.57 | 441279000             |
|              |                | 3    | 4.56 | 4.49      | 4.63 | 275485000             |
|              |                | 4    | 4.65 | 4.58      | 4.72 | 224102000             |
|              |                | 5    | 5.36 | 5.29      | 5.43 | 192823000             |
| Aroclor-1248 | 100            | 1    | 4.49 | 4.42      | 4.56 | 192187000             |
|              |                | 2    | 4.75 | 4.68      | 4.82 | 307208000             |
|              |                | 3    | 4.94 | 4.87      | 5.01 | 363369000             |
|              |                | 4    | 5.32 | 5.25      | 5.39 | 349118000             |
|              |                | 5    | 5.36 | 5.29      | 5.43 | 333994000             |
| Aroclor-1254 | 100            | 1    | 5.30 | 5.23      | 5.37 | 407117000             |
|              |                | 2    | 5.51 | 5.44      | 5.58 | 610278000             |
|              |                | 3    | 5.86 | 5.79      | 5.93 | 616739000             |
|              |                | 4    | 6.14 | 6.07      | 6.21 | 365326000             |
|              |                | 5    | 6.55 | 6.48      | 6.62 | 437672000             |
| Aroclor-1262 | 100            | 1    | 6.85 | 6.78      | 6.92 | 564170000             |
|              |                | 2    | 7.15 | 7.08      | 7.22 | 885559000             |
|              |                | 3    | 7.42 | 7.35      | 7.49 | 565858000             |
|              |                | 4    | 7.50 | 7.43      | 7.57 | 551204000             |
|              |                | 5    | 7.99 | 7.92      | 8.06 | 264133000             |
| Aroclor-1268 | 100            | 1    | 7.42 | 7.35      | 7.49 | 1063980000            |
|              |                | 2    | 7.50 | 7.43      | 7.57 | 1014610000            |
|              |                | 3    | 7.68 | 7.61      | 7.75 | 840486000             |
|              |                | 4    | 7.99 | 7.92      | 8.06 | 307733000             |
|              |                | 5    | 8.28 | 8.21      | 8.35 | 2215080000            |

**INITIAL CALIBRATION OF MULTICOMPONENT ANALYTES**

**Contract:** CHEM02

**Lab Code:** CHEM **Case No.:** Q1469 **SAS No.:** Q1469 **SDG NO.:** Q1469

**Instrument ID:** ECD\_Q **Date(s) Analyzed:** 02/26/2025 02/26/2025

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

| COMPOUND     | AMOUNT<br>(ng) | PEAK | RT   | RT WINDOW |      | CALIBRATION<br>FACTOR |
|--------------|----------------|------|------|-----------|------|-----------------------|
|              |                |      |      | FROM      | TO   |                       |
| Aroclor-1221 | 100            | 1    | 2.98 | 2.91      | 3.05 | 110098000             |
|              |                | 2    | 3.06 | 2.99      | 3.13 | 76178800              |
|              |                | 3    | 3.13 | 3.06      | 3.20 | 260440000             |
|              |                | 4    | 0.00 |           |      | 0                     |
|              |                | 5    | 0.00 |           |      | 0                     |
| Aroclor-1232 | 100            | 1    | 3.13 | 3.06      | 3.20 | 199984000             |
|              |                | 2    | 3.80 | 3.73      | 3.87 | 215804000             |
|              |                | 3    | 3.96 | 3.89      | 4.03 | 103617000             |
|              |                | 4    | 4.05 | 3.98      | 4.12 | 92158400              |
|              |                | 5    | 4.21 | 4.14      | 4.28 | 109610000             |
| Aroclor-1242 | 100            | 1    | 3.79 | 3.72      | 3.86 | 216183000             |
|              |                | 2    | 3.80 | 3.73      | 3.87 | 381680000             |
|              |                | 3    | 3.96 | 3.89      | 4.03 | 188370000             |
|              |                | 4    | 4.05 | 3.98      | 4.12 | 186605000             |
|              |                | 5    | 4.54 | 4.47      | 4.61 | 224457000             |
| Aroclor-1248 | 100            | 1    | 3.79 | 3.72      | 3.86 | 175393000             |
|              |                | 2    | 4.01 | 3.94      | 4.08 | 293286000             |
|              |                | 3    | 4.05 | 3.98      | 4.12 | 279260000             |
|              |                | 4    | 4.21 | 4.14      | 4.28 | 334690000             |
|              |                | 5    | 4.58 | 4.51      | 4.65 | 292836000             |
| Aroclor-1254 | 100            | 1    | 4.54 | 4.47      | 4.61 | 482328000             |
|              |                | 2    | 4.69 | 4.62      | 4.76 | 428750000             |
|              |                | 3    | 5.07 | 5.00      | 5.14 | 651744000             |
|              |                | 4    | 5.30 | 5.23      | 5.37 | 335901000             |
|              |                | 5    | 5.70 | 5.63      | 5.77 | 547591000             |
| Aroclor-1262 | 100            | 1    | 5.75 | 5.68      | 5.82 | 641067000             |
|              |                | 2    | 5.99 | 5.92      | 6.06 | 615038000             |
|              |                | 3    | 6.52 | 6.45      | 6.59 | 438626000             |
|              |                | 4    | 6.58 | 6.51      | 6.65 | 755438000             |
|              |                | 5    | 7.06 | 6.99      | 7.13 | 351000000             |
| Aroclor-1268 | 100            | 1    | 6.52 | 6.45      | 6.59 | 1212120000            |
|              |                | 2    | 6.58 | 6.51      | 6.65 | 1108040000            |
|              |                | 3    | 6.78 | 6.71      | 6.85 | 1042690000            |
|              |                | 4    | 7.07 | 7.00      | 7.14 | 383219000             |
|              |                | 5    | 7.33 | 7.26      | 7.40 | 2841810000            |