

**CALIBRATION FACTOR OF INITIAL CALIBRATION**

Lab Name: Alliance  
Lab Code: ACE  
Instrument ID: ECD\_O

Contract: SCIA01  
SDG NO.: Q2758

Calibration Date(s): 07/23/2025 07/23/2025  
Calibration Times: 11:32 19:47

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

| LAB FILE ID:               |     | CF 1000 = <u>PO112414.D</u> |            | CF 750 = <u>PO112415.D</u> |            |            |            |
|----------------------------|-----|-----------------------------|------------|----------------------------|------------|------------|------------|
| CF 500 = <u>PO112416.D</u> |     | CF 250 = <u>PO112417.D</u>  |            | CF 050 = <u>PO112418.D</u> |            |            |            |
| COMPOUND                   |     | CF 1000                     | CF 750     | CF 500                     | CF 250     | CF 050     | % RSD      |
| Aroclor-1016-1             | (1) | 281481703                   | 285148303  | 290849518                  | 279501268  | 204848240  | 268365806  |
| Aroclor-1016-2             | (2) | 418001550                   | 431852928  | 433849136                  | 420704900  | 326178800  | 406117463  |
| Aroclor-1016-3             | (3) | 263638281                   | 273794351  | 273610504                  | 262887848  | 234438940  | 261673985  |
| Aroclor-1016-4             | (4) | 216165184                   | 219268720  | 223332708                  | 213740540  | 186700200  | 211841470  |
| Aroclor-1016-5             | (5) | 221113370                   | 228268088  | 233867428                  | 235369996  | 178734160  | 219470608  |
| Aroclor-1260-1             | (1) | 431773857                   | 450001749  | 476240286                  | 447612572  | 391026880  | 439331069  |
| Aroclor-1260-2             | (2) | 673380136                   | 698254531  | 722944530                  | 686506064  | 658383800  | 687893812  |
| Aroclor-1260-3             | (3) | 611274773                   | 627246767  | 610311884                  | 614713140  | 476551180  | 588019549  |
| Aroclor-1260-4             | (4) | 447285263                   | 461047633  | 473248904                  | 505121600  | 368319820  | 451004644  |
| Aroclor-1260-5             | (5) | 1262689005                  | 1283961461 | 1337121492                 | 1347466800 | 964454900  | 1239138732 |
| Decachlorobiphenyl         |     | 7456684020                  | 7676252293 | 7829495380                 | 7672255680 | 5924316000 | 7311800675 |
| Tetrachloro-m-xylene       |     | 8554863660                  | 8750848067 | 8754072420                 | 8314620000 | 6283438800 | 8131568589 |
| Aroclor-1242-1             | (1) | 256299409                   | 259568919  | 260660454                  | 265097176  | 196334180  | 247592028  |
| Aroclor-1242-2             | (2) | 381137122                   | 387088803  | 391556862                  | 393536916  | 295648160  | 369793573  |
| Aroclor-1242-3             | (3) | 241769617                   | 246476011  | 248315054                  | 252195680  | 194532760  | 236657824  |
| Aroclor-1242-4             | (4) | 195717021                   | 198363989  | 201564902                  | 203398396  | 172348620  | 194278586  |
| Aroclor-1242-5             | (5) | 215656431                   | 220174447  | 229182990                  | 229543836  | 175020200  | 213915581  |
| Decachlorobiphenyl         |     | 8000645330                  | 8037989413 | 8087967020                 | 8086832920 | 6389983800 | 7720683697 |
| Tetrachloro-m-xylene       |     | 9125652230                  | 9195232120 | 9219491440                 | 9207437080 | 6341808000 | 8617924174 |
| Aroclor-1248-1             | (1) | 189314500                   | 193406379  | 198364040                  | 203445536  | 151513120  | 187208715  |
| Aroclor-1248-2             | (2) | 257058197                   | 266019899  | 270572928                  | 278752472  | 203158020  | 255112303  |
| Aroclor-1248-3             | (3) | 329824745                   | 342687100  | 350417966                  | 364320620  | 331255900  | 343701266  |
| Aroclor-1248-4             | (4) | 503150480                   | 523568551  | 540549606                  | 563745892  | 409374460  | 508077798  |
| Aroclor-1248-5             | (5) | 346508966                   | 363261911  | 374337920                  | 392493440  | 271353380  | 349591123  |
| Decachlorobiphenyl         |     | 7900018490                  | 8086308400 | 8195171040                 | 8262080520 | 6143274400 | 7717370570 |
| Tetrachloro-m-xylene       |     | 8946590960                  | 9189061507 | 9273186240                 | 9357342160 | 6567561400 | 8666748453 |
| Aroclor-1254-1             | (1) | 525205609                   | 551869540  | 568048078                  | 599161796  | 500508140  | 548958633  |
| Aroclor-1254-2             | (2) | 467389736                   | 490253857  | 501431616                  | 531267632  | 439250900  | 485918748  |
| Aroclor-1254-3             | (3) | 736681841                   | 765368536  | 778116616                  | 788008044  | 653257120  | 744286431  |
| Aroclor-1254-4             | (4) | 537295054                   | 560529123  | 571244926                  | 572391952  | 507057560  | 549703723  |
| Aroclor-1254-5             | (5) | 713157717                   | 729355651  | 738947588                  | 743850736  | 613809420  | 707824222  |
| Decachlorobiphenyl         |     | 7810644110                  | 7988158653 | 8118440840                 | 8069654680 | 6321650600 | 7661709777 |
| Tetrachloro-m-xylene       |     | 8477893750                  | 8928798520 | 9019842540                 | 9077508800 | 7004909800 | 8501790682 |
| Aroclor-1268-1             | (1) | 1805209287                  | 1836925397 | 1850534848                 | 1852730580 | 1410311920 | 1751142406 |

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|                      |     |             |             |             |             |             |             |    |
|----------------------|-----|-------------|-------------|-------------|-------------|-------------|-------------|----|
| Aroclor-1268-2       | (2) | 1523811042  | 1548194379  | 1559255960  | 1566806172  | 1167050180  | 1473023547  | 11 |
| Aroclor-1268-3       | (3) | 1298638460  | 1316156257  | 1333295814  | 1329215988  | 983852920   | 1252231888  | 11 |
| Aroclor-1268-4       | (4) | 502325303   | 515160189   | 514467028   | 515975792   | 361392800   | 481864222   | 13 |
| Aroclor-1268-5       | (5) | 3537850645  | 3568750916  | 3561527908  | 3536594816  | 2581136540  | 3357172165  | 12 |
| Decachlorobiphenyl   |     | 14538757830 | 14683927053 | 14777305700 | 14801547680 | 10962984400 | 13952904533 | 12 |
| Tetrachloro-m-xylene |     | 8916461140  | 9229914440  | 9271431040  | 9355148600  | 6516020600  | 8657795164  | 14 |

**CALIBRATION FACTOR OF INITIAL CALIBRATION**

Lab Name: Alliance  
Lab Code: ACE  
Instrument ID: ECD\_O

Contract: SCIA01  
SDG NO.: Q2758

Calibration Date(s): 07/23/2025 07/23/2025  
Calibration Times: 11:32 19:47

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

| LAB FILE ID:               |     | CF 1000 = <u>PO112414.D</u> |            | CF 750 = <u>PO112415.D</u> |            |            |               |
|----------------------------|-----|-----------------------------|------------|----------------------------|------------|------------|---------------|
| CF 500 = <u>PO112416.D</u> |     | CF 250 = <u>PO112417.D</u>  |            | CF 050 = <u>PO112418.D</u> |            |            |               |
| COMPOUND                   |     | CF 1000                     | CF 750     | CF 500                     | CF 250     | CF 050     | % RSD         |
| Aroclor-1016-1             | (1) | 171399488                   | 177928739  | 180256326                  | 179838608  | 165612060  | 175007044 3   |
| Aroclor-1016-2             | (2) | 254283756                   | 266059885  | 273532534                  | 272267680  | 236331280  | 260495027 6   |
| Aroclor-1016-3             | (3) | 134555314                   | 139369485  | 142347070                  | 141007248  | 122553240  | 135966471 6   |
| Aroclor-1016-4             | (4) | 106915956                   | 111683577  | 115661150                  | 118698688  | 102464540  | 111084782 6   |
| Aroclor-1016-5             | (5) | 139169322                   | 144750759  | 147937312                  | 152336452  | 132321220  | 143303013 5   |
| Aroclor-1260-1             | (1) | 240286237                   | 254043527  | 261134446                  | 258041412  | 229050000  | 248511124 5   |
| Aroclor-1260-2             | (2) | 317223235                   | 329626419  | 335041102                  | 340620804  | 324956000  | 329493512 3   |
| Aroclor-1260-3             | (3) | 256241072                   | 262701627  | 269297872                  | 275910760  | 220454080  | 256921082 8   |
| Aroclor-1260-4             | (4) | 185740526                   | 193469844  | 197255514                  | 200936168  | 179151380  | 191310686 4   |
| Aroclor-1260-5             | (5) | 419199446                   | 421594747  | 433075366                  | 434815624  | 352283180  | 412193673 8   |
| Decachlorobiphenyl         |     | 1753295660                  | 1820833173 | 1877801640                 | 1892185680 | 1491444000 | 1767112031 9  |
| Tetrachloro-m-xylene       |     | 5169666700                  | 5314856493 | 5330554580                 | 5111206560 | 3919594600 | 4969175787 12 |
| Aroclor-1242-1             | (1) | 153645977                   | 158282413  | 162201976                  | 169125204  | 148714620  | 158394038 5   |
| Aroclor-1242-2             | (2) | 230553136                   | 236233123  | 241816698                  | 253231308  | 206497880  | 233666429 7   |
| Aroclor-1242-3             | (3) | 120997871                   | 124593004  | 126633224                  | 130347852  | 103373540  | 121189098 8   |
| Aroclor-1242-4             | (4) | 116921071                   | 120755713  | 124229780                  | 129097232  | 122693120  | 122739383 3   |
| Aroclor-1242-5             | (5) | 154482444                   | 160907067  | 167116390                  | 163960092  | 158390400  | 160971279 3   |
| Decachlorobiphenyl         |     | 1831604040                  | 1871840933 | 1924104720                 | 1967119920 | 1579850400 | 1834904003 8  |
| Tetrachloro-m-xylene       |     | 5483238770                  | 5543459253 | 5573552360                 | 5630865680 | 4061456200 | 5258514453 13 |
| Aroclor-1248-1             | (1) | 116797575                   | 121746903  | 126835386                  | 132022196  | 110144520  | 121509316 7   |
| Aroclor-1248-2             | (2) | 161755092                   | 168905528  | 175846314                  | 185366264  | 154525280  | 169279696 7   |
| Aroclor-1248-3             | (3) | 170672394                   | 178220732  | 184519824                  | 194073912  | 160748960  | 177647164 7   |
| Aroclor-1248-4             | (4) | 202462025                   | 210645355  | 219142380                  | 229572292  | 179950700  | 208354550 9   |
| Aroclor-1248-5             | (5) | 207118457                   | 216119221  | 227433754                  | 242834452  | 180319280  | 214765033 10  |
| Decachlorobiphenyl         |     | 1836524820                  | 1878481893 | 1941164520                 | 1982063240 | 1517022000 | 1831051295 10 |
| Tetrachloro-m-xylene       |     | 5362990180                  | 5502770333 | 5558036420                 | 5629888520 | 4177350800 | 5246207251 12 |
| Aroclor-1254-1             | (1) | 308086628                   | 324598995  | 339171148                  | 360746064  | 310502200  | 328621007 6   |
| Aroclor-1254-2             | (2) | 269579969                   | 283423153  | 295499466                  | 318260532  | 280690420  | 289490708 6   |
| Aroclor-1254-3             | (3) | 411643535                   | 427646563  | 444183030                  | 462345912  | 391487940  | 427461396 6   |
| Aroclor-1254-4             | (4) | 256982627                   | 269810957  | 279068642                  | 286892132  | 272060980  | 272963068 4   |
| Aroclor-1254-5             | (5) | 324913084                   | 333876627  | 346327314                  | 357344936  | 307636300  | 334019652 5   |
| Decachlorobiphenyl         |     | 1794065640                  | 1872151533 | 1910898600                 | 1948005080 | 1573949600 | 1819814091 8  |
| Tetrachloro-m-xylene       |     | 5135321880                  | 5340323933 | 5419556800                 | 5524764520 | 4404208000 | 5164835027 9  |
| Aroclor-1268-1             | (1) | 514567345                   | 516695037  | 532735372                  | 551455976  | 473857920  | 517862330 5   |

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|                      |     |            |            |            |            |            |            |    |
|----------------------|-----|------------|------------|------------|------------|------------|------------|----|
| Aroclor-1268-2       | (2) | 421574479  | 425971267  | 436618852  | 454509592  | 386645480  | 425063934  | 6  |
| Aroclor-1268-3       | (3) | 318758782  | 324505707  | 331241876  | 345977680  | 285851460  | 321267101  | 7  |
| Aroclor-1268-4       | (4) | 111516853  | 115705837  | 114796592  | 121616720  | 92841800   | 111295560  | 9  |
| Aroclor-1268-5       | (5) | 742715083  | 756736297  | 758808540  | 780432416  | 619995020  | 731737471  | 8  |
| Decachlorobiphenyl   |     | 3224484190 | 3300929360 | 3351395200 | 3481054400 | 2726789400 | 3216930510 | 9  |
| Tetrachloro-m-xylene |     | 5326223920 | 5511724707 | 5541913900 | 5672741280 | 4190979000 | 5248716561 | 12 |