

**CALIBRATION FACTOR OF INITIAL CALIBRATION**

**Lab Name:** Alliance  
**Lab Code:** ACE  
**Instrument ID:** ECD\_P

**Contract:** ZUCC01  
**SDG NO.:** Q3032

**Calibration Date(s):** 08/19/2025 08/19/2025  
**Calibration Times:** 10:02 17:36

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

| LAB FILE ID:               |     | CF 1000 = <u>PP074491.D</u> |            | CF 750 = <u>PP074492.D</u> |            |            |            |
|----------------------------|-----|-----------------------------|------------|----------------------------|------------|------------|------------|
| CF 500 = <u>PP074493.D</u> |     | CF 250 = <u>PP074494.D</u>  |            | CF 050 = <u>PP074495.D</u> |            |            |            |
| COMPOUND                   |     | CF 1000                     | CF 750     | CF 500                     | CF 250     | CF 050     | % RSD      |
| Aroclor-1016-1             | (1) | 37260672                    | 39165227   | 41840274                   | 46667524   | 55510560   | 44088851   |
| Aroclor-1016-2             | (2) | 55294208                    | 58678316   | 63208216                   | 69200552   | 67826880   | 62841634   |
| Aroclor-1016-3             | (3) | 37159554                    | 39829409   | 42380342                   | 50420568   | 54779780   | 44913931   |
| Aroclor-1016-4             | (4) | 30238509                    | 32061391   | 34848388                   | 39362172   | 39398600   | 35181812   |
| Aroclor-1016-5             | (5) | 29225854                    | 30645948   | 33029644                   | 36469124   | 36559780   | 33186070   |
| Aroclor-1260-1             | (1) | 48563391                    | 51183833   | 55342410                   | 61530012   | 72427960   | 57809521   |
| Aroclor-1260-2             | (2) | 57520052                    | 60697599   | 66234840                   | 73517872   | 86617000   | 68917473   |
| Aroclor-1260-3             | (3) | 45466412                    | 48231029   | 50486582                   | 57234216   | 58008180   | 51885284   |
| Aroclor-1260-4             | (4) | 53945139                    | 57153024   | 61763720                   | 67649864   | 78452080   | 63792765   |
| Aroclor-1260-5             | (5) | 98135607                    | 102882747  | 108313414                  | 117775440  | 139953440  | 113412130  |
| Decachlorobiphenyl         |     | 866337170                   | 921955053  | 988573200                  | 1058849640 | 1101835800 | 987510173  |
| Tetrachloro-m-xylene       |     | 1100953570                  | 1143235467 | 1200713680                 | 1268558320 | 1404991400 | 1223690487 |
| Aroclor-1242-1             | (1) | 33534775                    | 35196259   | 38660790                   | 41241740   | 42742440   | 38275201   |
| Aroclor-1242-2             | (2) | 50582395                    | 52453757   | 57915216                   | 62104248   | 59354260   | 56481975   |
| Aroclor-1242-3             | (3) | 33349694                    | 35414635   | 39970066                   | 43883972   | 50396180   | 40602909   |
| Aroclor-1242-4             | (4) | 27192200                    | 28632309   | 31894696                   | 35816444   | 35173600   | 31741850   |
| Aroclor-1242-5             | (5) | 29731727                    | 30733847   | 34626980                   | 38850892   | 46409580   | 36070605   |
| Decachlorobiphenyl         |     | 942571090                   | 998560827  | 1090308640                 | 1132992280 | 1083717600 | 1049630087 |
| Tetrachloro-m-xylene       |     | 1101623960                  | 1151320933 | 1235361060                 | 1272027120 | 1278388200 | 1207744255 |
| Aroclor-1248-1             | (1) | 26825393                    | 28405716   | 30845872                   | 34074380   | 30968720   | 30224016   |
| Aroclor-1248-2             | (2) | 37601198                    | 39897476   | 43211686                   | 48783724   | 45986180   | 43096053   |
| Aroclor-1248-3             | (3) | 41457218                    | 43776155   | 46817460                   | 51955424   | 49511780   | 46703607   |
| Aroclor-1248-4             | (4) | 47576379                    | 50895647   | 54418430                   | 60667104   | 61446460   | 55000804   |
| Aroclor-1248-5             | (5) | 47007884                    | 50058825   | 54098864                   | 61916308   | 64270400   | 55470456   |
| Decachlorobiphenyl         |     | 950993890                   | 1009223920 | 1071012460                 | 1167985200 | 1057373600 | 1051317814 |
| Tetrachloro-m-xylene       |     | 1100991950                  | 1146778960 | 1200566400                 | 1276972480 | 1211462000 | 1187354358 |
| Aroclor-1254-1             | (1) | 48507797                    | 53598960   | 57022412                   | 63560864   | 68657180   | 58269443   |
| Aroclor-1254-2             | (2) | 68997007                    | 73735961   | 79493314                   | 88136784   | 97716940   | 81616001   |
| Aroclor-1254-3             | (3) | 75433146                    | 80269064   | 85469286                   | 94710248   | 110150500  | 89206449   |
| Aroclor-1254-4             | (4) | 56817907                    | 60256557   | 64375914                   | 71178004   | 76939600   | 65913596   |
| Aroclor-1254-5             | (5) | 71518563                    | 76344344   | 81241680                   | 89300320   | 97020080   | 83084997   |
| Decachlorobiphenyl         |     | 955810170                   | 985159667  | 1046715980                 | 1146118200 | 1185105200 | 1063781843 |
| Tetrachloro-m-xylene       |     | 1074895520                  | 1124737840 | 1186244600                 | 1279770240 | 1364835400 | 1206096720 |
| Aroclor-1268-1             | (1) | 145382221                   | 149256528  | 159799060                  | 175238264  | 180520060  | 162039227  |

**CALIBRATION FACTOR OF INITIAL CALIBRATION**

|                      |     |            |            |            |            |            |            |   |
|----------------------|-----|------------|------------|------------|------------|------------|------------|---|
| Aroclor-1268-2       | (2) | 135128903  | 138304824  | 147968774  | 161072492  | 151211120  | 146737223  | 7 |
| Aroclor-1268-3       | (3) | 112837949  | 115383373  | 124401538  | 134921752  | 130382340  | 123585390  | 8 |
| Aroclor-1268-4       | (4) | 60062429   | 62288615   | 69185966   | 72327472   | 72450180   | 67262932   | 9 |
| Aroclor-1268-5       | (5) | 347935374  | 352387180  | 372266714  | 396976848  | 381293520  | 370171927  | 6 |
| Decachlorobiphenyl   |     | 1643122860 | 1684754733 | 1816495060 | 1968851320 | 1846466800 | 1791938155 | 7 |
| Tetrachloro-m-xylene |     | 1139511630 | 1162795853 | 1215559280 | 1293072360 | 1185938800 | 1199375585 | 5 |

**CALIBRATION FACTOR OF INITIAL CALIBRATION**

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

Contract: ZUCC01  
SDG NO.: Q3032

Calibration Date(s): 08/19/2025 08/19/2025  
Calibration Times: 10:02 17:36

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

| LAB FILE ID:         |     |            |            |            |            |            |            |       |
|----------------------|-----|------------|------------|------------|------------|------------|------------|-------|
| CF 1000 =            |     | PP074491.D |            | CF 750 =   |            | PP074492.D |            |       |
| CF 500 =             |     | PP074493.D |            | CF 250 =   |            | PP074494.D |            |       |
| CF 050 =             |     | PP074495.D |            |            |            |            |            |       |
| COMPOUND             |     | CF 1000    | CF 750     | CF 500     | CF 250     | CF 050     | CF         | % RSD |
| Aroclor-1016-1       | (1) | 496657182  | 503720793  | 523846228  | 513002896  | 509541900  | 509353800  | 2     |
| Aroclor-1016-2       | (2) | 239168801  | 238546505  | 246638078  | 251142512  | 214580920  | 238015363  | 6     |
| Aroclor-1016-3       | (3) | 133036564  | 130124845  | 144330606  | 141427600  | 140598400  | 137903603  | 4     |
| Aroclor-1016-4       | (4) | 133477489  | 138002388  | 140534852  | 142183668  | 144817800  | 139803239  | 3     |
| Aroclor-1016-5       | (5) | 154126731  | 152599703  | 155237916  | 163343428  | 205109040  | 166083364  | 13    |
| Aroclor-1260-1       | (1) | 363284667  | 378829761  | 386185190  | 382321000  | 365496040  | 375223332  | 3     |
| Aroclor-1260-2       | (2) | 523788027  | 519029669  | 530795266  | 515617580  | 554844180  | 528814944  | 3     |
| Aroclor-1260-3       | (3) | 397906310  | 403814531  | 425344812  | 411965640  | 525972600  | 433000779  | 12    |
| Aroclor-1260-4       | (4) | 386647802  | 396528909  | 406788188  | 382587548  | 334816920  | 381473873  | 7     |
| Aroclor-1260-5       | (5) | 1072036571 | 1049469899 | 1040494106 | 1005914236 | 854489880  | 1004480938 | 9     |
| Decachlorobiphenyl   |     | 7534332740 | 7444555573 | 7912532780 | 7690082000 | 6914466800 | 7499193979 | 5     |
| Tetrachloro-m-xylene |     | 5208096140 | 5362153787 | 4998687000 | 4783674480 | 3824485800 | 4835419441 | 13    |
| Aroclor-1242-1       | (1) | 426248141  | 431977179  | 439434088  | 427078864  | 384025660  | 421752786  | 5     |
| Aroclor-1242-2       | (2) | 202991737  | 207389804  | 208837132  | 204363608  | 177830640  | 200282584  | 6     |
| Aroclor-1242-3       | (3) | 114667914  | 119000831  | 118474420  | 125754936  | 113593040  | 118298228  | 4     |
| Aroclor-1242-4       | (4) | 162797331  | 159395943  | 169924744  | 169924792  | 193754480  | 171159458  | 8     |
| Aroclor-1242-5       | (5) | 176244820  | 193149587  | 194953880  | 198727516  | 162744820  | 185164125  | 8     |
| Decachlorobiphenyl   |     | 7439485810 | 7647320840 | 7750380960 | 7387148800 | 6696994000 | 7384266082 | 6     |
| Tetrachloro-m-xylene |     | 5552255470 | 5495660120 | 5265795020 | 4718643160 | 3344536200 | 4875377994 | 19    |
| Aroclor-1248-1       | (1) | 276787529  | 272989900  | 294110190  | 287515664  | 249311100  | 276142877  | 6     |
| Aroclor-1248-2       | (2) | 170428062  | 176978340  | 184167818  | 188684076  | 163519180  | 176755495  | 6     |
| Aroclor-1248-3       | (3) | 216883105  | 236968729  | 226037212  | 232782684  | 223345400  | 227203426  | 3     |
| Aroclor-1248-4       | (4) | 216013976  | 222165432  | 229596264  | 221937152  | 200392380  | 218021041  | 5     |
| Aroclor-1248-5       | (5) | 365899980  | 378186867  | 386596360  | 393195048  | 312731540  | 367321959  | 9     |
| Decachlorobiphenyl   |     | 7362170440 | 7623348680 | 7832285760 | 7830414120 | 6177033600 | 7365050520 | 9     |
| Tetrachloro-m-xylene |     | 4921775200 | 5272375827 | 4922615420 | 4754396920 | 3067777000 | 4587788073 | 19    |
| Aroclor-1254-1       | (1) | 450774429  | 460491156  | 493889042  | 479687392  | 498710100  | 476710424  | 4     |
| Aroclor-1254-2       | (2) | 327603431  | 350278748  | 349528710  | 357585716  | 375666820  | 352132685  | 5     |
| Aroclor-1254-3       | (3) | 632195702  | 651991325  | 663558136  | 626254444  | 525027180  | 619805357  | 9     |
| Aroclor-1254-4       | (4) | 465715221  | 475856425  | 494623526  | 472743392  | 434193620  | 468626437  | 5     |
| Aroclor-1254-5       | (5) | 494049062  | 518095117  | 499208524  | 513687428  | 427465960  | 490501218  | 7     |
| Decachlorobiphenyl   |     | 7570292860 | 7622860640 | 7575883760 | 7671178000 | 7261560400 | 7540355132 | 2     |
| Tetrachloro-m-xylene |     | 5083198010 | 4906330680 | 4979033200 | 4619762640 | 3271378000 | 4571940506 | 16    |
| Aroclor-1268-1       | (1) | 1582015639 | 1422598329 | 1546826516 | 1453362868 | 1047671520 | 1410494974 | 15    |

**CALIBRATION FACTOR OF INITIAL CALIBRATION**

|                      |     |             |             |             |             |             |             |    |
|----------------------|-----|-------------|-------------|-------------|-------------|-------------|-------------|----|
| Aroclor-1268-2       | (2) | 1588231016  | 1429840941  | 1442651986  | 1413308564  | 943104640   | 1363427429  | 18 |
| Aroclor-1268-3       | (3) | 1131064358  | 1100247001  | 1123773528  | 1077394544  | 783689900   | 1043233866  | 14 |
| Aroclor-1268-4       | (4) | 433982459   | 417630531   | 415097948   | 393627672   | 255142820   | 383096286   | 19 |
| Aroclor-1268-5       | (5) | 3414138804  | 3322863425  | 3420880908  | 3301062668  | 2221751820  | 3136139525  | 16 |
| Decachlorobiphenyl   |     | 14390930480 | 14121362587 | 14413340360 | 14318679160 | 10749496600 | 13598761837 | 12 |
| Tetrachloro-m-xylene |     | 5211020900  | 5014233547  | 4937082600  | 4815562400  | 3041581600  | 4603896209  | 19 |