

**CALIBRATION FACTOR OF INITIAL CALIBRATION**

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

Contract: AECO02  
SDG NO.: Q3422

Calibration Date(s): 10/10/2025 10/10/2025  
Calibration Times: 08:57 16:43

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

| LAB FILE ID:               |     | CF 1000 = <u>PQ070973.D</u> |            | CF 750 = <u>PQ070974.D</u> |            |            |            |
|----------------------------|-----|-----------------------------|------------|----------------------------|------------|------------|------------|
| CF 500 = <u>PQ070975.D</u> |     | CF 250 = <u>PQ070976.D</u>  |            | CF 050 = <u>PQ070977.D</u> |            |            |            |
| COMPOUND                   |     | CF 1000                     | CF 750     | CF 500                     | CF 250     | CF 050     | % RSD      |
| Aroclor-1016-1             | (1) | 152632258                   | 161381460  | 169566884                  | 175492100  | 161647220  | 164143984  |
| Aroclor-1016-2             | (2) | 235274296                   | 256838307  | 264605432                  | 271518004  | 253235720  | 256294352  |
| Aroclor-1016-3             | (3) | 145675938                   | 156782704  | 164416996                  | 169596776  | 159119400  | 159118363  |
| Aroclor-1016-4             | (4) | 120162951                   | 129378400  | 134848252                  | 138303760  | 126953020  | 129929277  |
| Aroclor-1016-5             | (5) | 117231883                   | 128545740  | 133336348                  | 136306768  | 128593380  | 128802824  |
| Aroclor-1260-1             | (1) | 208928914                   | 234195365  | 241877518                  | 247859876  | 239493660  | 234471067  |
| Aroclor-1260-2             | (2) | 243695794                   | 275266251  | 287710272                  | 296720404  | 279652200  | 276608984  |
| Aroclor-1260-3             | (3) | 178017013                   | 196424459  | 204653606                  | 209590628  | 207855920  | 199308325  |
| Aroclor-1260-4             | (4) | 191556315                   | 214263107  | 223690164                  | 228814336  | 216092480  | 214883280  |
| Aroclor-1260-5             | (5) | 400986941                   | 436898331  | 447507618                  | 451939420  | 431553500  | 433777162  |
| Decachlorobiphenyl         |     | 2603997920                  | 2888430733 | 3017037660                 | 3097201720 | 2913248400 | 2903983287 |
| Tetrachloro-m-xylene       |     | 4048991050                  | 4420325093 | 4447782420                 | 4497118040 | 4337178200 | 4350278961 |
| Aroclor-1242-1             | (1) | 117929900                   | 120501580  | 121917368                  | 124177888  | 110233240  | 118951995  |
| Aroclor-1242-2             | (2) | 179238730                   | 188762288  | 194471730                  | 197719720  | 193371880  | 190712870  |
| Aroclor-1242-3             | (3) | 111298009                   | 117265485  | 120728326                  | 123754708  | 121434700  | 118896246  |
| Aroclor-1242-4             | (4) | 91702396                    | 97376287   | 98944784                   | 101196952  | 108558560  | 99555796   |
| Aroclor-1242-5             | (5) | 63322787                    | 67097277   | 82718820                   | 102665812  | 77804800   | 78721899   |
| Decachlorobiphenyl         |     | 3082568640                  | 3243406933 | 3352805760                 | 3359769360 | 3286790800 | 3265068299 |
| Tetrachloro-m-xylene       |     | 4441893010                  | 4577290613 | 4623065280                 | 4605855840 | 4702516200 | 4590124189 |
| Aroclor-1248-1             | (1) | 89951061                    | 92802913   | 99278242                   | 97399904   | 67891380   | 89464700   |
| Aroclor-1248-2             | (2) | 126849870                   | 131764987  | 138900528                  | 142257364  | 142462060  | 136446962  |
| Aroclor-1248-3             | (3) | 152980867                   | 157544657  | 166146850                  | 167481096  | 162764480  | 161383590  |
| Aroclor-1248-4             | (4) | 167077290                   | 173126060  | 182827440                  | 186713196  | 157721500  | 173493097  |
| Aroclor-1248-5             | (5) | 163667698                   | 168136284  | 132211082                  | 121389384  | 159185140  | 148917918  |
| Decachlorobiphenyl         |     | 3177348440                  | 3248518907 | 3402766540                 | 3434790520 | 3353916400 | 3323468161 |
| Tetrachloro-m-xylene       |     | 4546508980                  | 4599154480 | 4739413180                 | 4685828360 | 4518221600 | 4617825320 |
| Aroclor-1254-1             | (1) | 186317660                   | 198212097  | 200308250                  | 222421948  | 174131700  | 196278331  |
| Aroclor-1254-2             | (2) | 272465681                   | 301191412  | 300558232                  | 318683640  | 259516480  | 290483089  |
| Aroclor-1254-3             | (3) | 294493285                   | 320137152  | 318530722                  | 335107472  | 267769020  | 307207530  |
| Aroclor-1254-4             | (4) | 212636724                   | 232647637  | 229798130                  | 237628972  | 184991000  | 219540493  |
| Aroclor-1254-5             | (5) | 229095618                   | 241104957  | 242576814                  | 249415576  | 197285560  | 231895705  |
| Decachlorobiphenyl         |     | 3135993520                  | 3237057933 | 3300114540                 | 3432442200 | 2724290800 | 3165979799 |
| Tetrachloro-m-xylene       |     | 4449551480                  | 4584042107 | 4604497820                 | 4625575480 | 3701892800 | 4393111937 |
| Aroclor-1268-1             | (1) | 555593291                   | 572438855  | 583365466                  | 598015136  | 603747960  | 582632142  |

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|                      |     |            |            |            |            |            |            |   |
|----------------------|-----|------------|------------|------------|------------|------------|------------|---|
| Aroclor-1268-2       | (2) | 510325576  | 524057337  | 534075228  | 546100468  | 539884140  | 530888550  | 3 |
| Aroclor-1268-3       | (3) | 416538407  | 427532203  | 436646098  | 443325192  | 442459640  | 433300308  | 3 |
| Aroclor-1268-4       | (4) | 179373252  | 185531188  | 189624920  | 193669728  | 190155160  | 187670850  | 3 |
| Aroclor-1268-5       | (5) | 1283167757 | 1308010297 | 1321380362 | 1326514116 | 1318957680 | 1311606042 | 1 |
| Decachlorobiphenyl   |     | 5757514290 | 5913646120 | 6037365900 | 6192444040 | 6223042400 | 6024802550 | 3 |
| Tetrachloro-m-xylene |     | 4734874420 | 4871269707 | 4916225920 | 4964521920 | 4932484000 | 4883875193 | 2 |

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

Contract: AECO02  
SDG NO.: Q3422

Calibration Date(s): 10/10/2025 10/10/2025  
Calibration Times: 08:57 16:43

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

| LAB FILE ID:               |     | CF 1000 = <u>PQ070973.D</u> |            | CF 750 = <u>PQ070974.D</u> |            |            |            |
|----------------------------|-----|-----------------------------|------------|----------------------------|------------|------------|------------|
| CF 500 = <u>PQ070975.D</u> |     | CF 250 = <u>PQ070976.D</u>  |            | CF 050 = <u>PQ070977.D</u> |            |            |            |
| COMPOUND                   |     | CF 1000                     | CF 750     | CF 500                     | CF 250     | CF 050     | % RSD      |
| Aroclor-1016-1             | (1) | 198094739                   | 217218485  | 228189888                  | 237783008  | 238723760  | 224001976  |
| Aroclor-1016-2             | (2) | 306974778                   | 336928535  | 345611618                  | 359075648  | 352024660  | 340123048  |
| Aroclor-1016-3             | (3) | 164197912                   | 180535471  | 187035142                  | 195263012  | 182262860  | 181858879  |
| Aroclor-1016-4             | (4) | 139678855                   | 154088441  | 161162796                  | 170890484  | 161242760  | 157412667  |
| Aroclor-1016-5             | (5) | 171310856                   | 187991799  | 196963118                  | 205633060  | 197310680  | 191841903  |
| Aroclor-1260-1             | (1) | 322104344                   | 352779140  | 365742242                  | 382158164  | 379245720  | 360405922  |
| Aroclor-1260-2             | (2) | 392921251                   | 432078265  | 450339936                  | 466790948  | 457838380  | 439993756  |
| Aroclor-1260-3             | (3) | 374441100                   | 409997701  | 423595070                  | 436050024  | 430913160  | 414999411  |
| Aroclor-1260-4             | (4) | 324169048                   | 356082777  | 368301826                  | 380117112  | 370143240  | 359762801  |
| Aroclor-1260-5             | (5) | 773923407                   | 822481391  | 873089514                  | 880740576  | 851175200  | 840282018  |
| Decachlorobiphenyl         |     | 4511855410                  | 4959881947 | 5165429800                 | 5359918520 | 5250729800 | 5049563095 |
| Tetrachloro-m-xylene       |     | 4790824740                  | 5183285133 | 5313707940                 | 5302586120 | 4809696600 | 5080020107 |
| Aroclor-1242-1             | (1) | 149120136                   | 160366853  | 160219200                  | 165386980  | 179219740  | 162862582  |
| Aroclor-1242-2             | (2) | 228406508                   | 237737935  | 244055020                  | 248772624  | 247903320  | 241375081  |
| Aroclor-1242-3             | (3) | 123267302                   | 131780304  | 132089372                  | 135429308  | 136535900  | 131820437  |
| Aroclor-1242-4             | (4) | 107929318                   | 113409847  | 120761922                  | 128344628  | 102401880  | 114569519  |
| Aroclor-1242-5             | (5) | 175313049                   | 196019013  | 175387368                  | 167275268  | 156704980  | 174139936  |
| Decachlorobiphenyl         |     | 5194557400                  | 5483323560 | 5616478880                 | 5698756520 | 6104877800 | 5619598832 |
| Tetrachloro-m-xylene       |     | 5511103540                  | 5712989200 | 5725543240                 | 5446452960 | 5436162600 | 5566450308 |
| Aroclor-1248-1             | (1) | 118147108                   | 120641916  | 127443132                  | 132200888  | 134031720  | 126492953  |
| Aroclor-1248-2             | (2) | 172958749                   | 177705395  | 189325858                  | 196101732  | 206725040  | 188563355  |
| Aroclor-1248-3             | (3) | 167593672                   | 172934769  | 178216680                  | 182062792  | 197467520  | 179655087  |
| Aroclor-1248-4             | (4) | 207432918                   | 214191484  | 230649658                  | 232116576  | 237264740  | 224331075  |
| Aroclor-1248-5             | (5) | 211078475                   | 216720032  | 243430792                  | 250826296  | 242157620  | 232842643  |
| Decachlorobiphenyl         |     | 5357284330                  | 5460780160 | 5730809660                 | 5844375240 | 6130897000 | 5704829278 |
| Tetrachloro-m-xylene       |     | 5499268270                  | 5571294053 | 5722936200                 | 5664492400 | 5408993600 | 5573396905 |
| Aroclor-1254-1             | (1) | 326099704                   | 341297420  | 345505280                  | 377987212  | 295169840  | 337211891  |
| Aroclor-1254-2             | (2) | 283781194                   | 302336180  | 304849560                  | 326229636  | 268575420  | 297154398  |
| Aroclor-1254-3             | (3) | 455841488                   | 477545104  | 484627186                  | 501619228  | 415693040  | 467065209  |
| Aroclor-1254-4             | (4) | 291449906                   | 303039177  | 308578712                  | 317073776  | 256115840  | 295251482  |
| Aroclor-1254-5             | (5) | 417470468                   | 427079459  | 439495106                  | 452352324  | 365350180  | 420349507  |
| Decachlorobiphenyl         |     | 5360763820                  | 5577066440 | 5716894620                 | 5972893640 | 5256420800 | 5576807864 |
| Tetrachloro-m-xylene       |     | 5311856950                  | 5451428933 | 5484489360                 | 5522984680 | 4238156400 | 5201783265 |
| Aroclor-1268-1             | (1) | 931455367                   | 961712979  | 973652708                  | 974423320  | 1030986200 | 974446115  |

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|                      |     |             |             |             |             |             |             |   |
|----------------------|-----|-------------|-------------|-------------|-------------|-------------|-------------|---|
| Aroclor-1268-2       | (2) | 858872879   | 891158693   | 900594916   | 906701084   | 936258500   | 898717214   | 3 |
| Aroclor-1268-3       | (3) | 746016914   | 769745548   | 779615614   | 791820108   | 821422560   | 781724149   | 4 |
| Aroclor-1268-4       | (4) | 330162118   | 339473573   | 345636662   | 356393996   | 350955500   | 344524370   | 3 |
| Aroclor-1268-5       | (5) | 2374681378  | 2422263161  | 2432472106  | 2427996872  | 2444443520  | 2420371407  | 1 |
| Decachlorobiphenyl   |     | 10401085910 | 10736618840 | 10941521580 | 11269357960 | 11896046400 | 11048926138 | 5 |
| Tetrachloro-m-xylene |     | 5581659480  | 5729850200  | 5733063640  | 5828463760  | 5669436400  | 5708494696  | 2 |