Alliance TECHNICAL GROUP
284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

6C

SEMIVOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name: CHEMTECH Contract: ALLI03

Lab Code: CHEM Case No.: Q1872 SAS No.: Q1872 SDG No.: Q1872

Instrument ID: BNA_P Calibration Date(s): 05/13/2025 05/13/2025

Calibration Time(s): 10:41 15:26

LAB FILE ID: RRF2.5 = BP024614.D RRF005 = BP024615.D RRF010 = BP024616.D
RRF020 = BP024617.D RRF040 = BP024618.D RRF050 = BP024619.D

| COMPOUND | RRF2.5 | RRF005 | RRF010 | RRF020 | RRF040 | RRF050 | RRF | % RSD |
|---|---|---|---|---|---|---|---|---|
| n-Nitrosodimethylamine | | 0.536 | 0.507 | 0.527 | 0.517 | 0.580 | 0.538 | 4.6 |
| Pyridine | | 1.054 | 1.135 | 1.202 | 1.198 | 1.363 | 1.218 | 8.6 |
| 2-Fluorophenol | | 1.134 | 1.096 | 1.162 | 1.105 | 1.272 | 1.169 | 5.5 |
| Benzaldehyde | | 0.991 | 1.008 | 1.046 | 0.955 | 1.043 | 0.966 | 9.9 |
| Aniline | | 1.717 | 1.703 | 1.932 | 1.917 | 2.130 | 1.927 | 8.7 |
| Phenol-d6 | | 1.301 | 1.344 | 1.486 | 1.472 | 1.671 | 1.492 | 9.1 |
| Phenol | | 1.373 | 1.401 | 1.526 | 1.509 | 1.707 | 1.540 | 8.2 |
| bis(2-Chloroethyl)ether | | 1.317 | 1.170 | 1.257 | 1.213 | 1.357 | 1.266 | 5.0 |
| 2-Chlorophenol | | 1.200 | 1.204 | 1.311 | 1.303 | 1.465 | 1.327 | 7.8 |
| 1,2-Dichlorobenzene | | 1.530 | 1.467 | 1.498 | 1.426 | 1.579 | 1.497 | 3.6 |
| 1,3-Dichlorobenzene | | 1.596 | 1.487 | 1.520 | 1.440 | 1.622 | 1.527 | 4.3 |
| 1,4-Dichlorobenzene | | 1.558 | 1.505 | 1.525 | 1.470 | 1.637 | 1.536 | 3.7 |
| Benzyl Alcohol | | 0.883 | 0.950 | 1.128 | 1.149 | 1.306 | 1.134 | 14.4 |
| 2-Methylphenol | | 0.966 | 0.949 | 1.105 | 1.099 | 1.246 | 1.105 | 10.3 |
| 2,2-oxybis(1-Chloropropane) | | 1.543 | 1.445 | 1.520 | 1.467 | 1.617 | 1.516 | 4.2 |
| Acetophenone | | 0.486 | 0.481 | 0.511 | 0.483 | 0.534 | 0.500 | 4.0 |
| 3+4-Methylphenols | | 1.221 | 1.302 | 1.503 | 1.515 | 1.702 | 1.503 | 12.2 |
| n-Nitroso-di-n-propylamine | 0.880 | 0.977 | 0.967 | 1.086 | 1.048 | 1.142 | 1.032 | 8.6 |
| Nitrobenzene-d5 | | 0.381 | 0.376 | 0.401 | 0.382 | 0.429 | 0.396 | 4.7 |
| Hexachloroethane | | 0.606 | 0.591 | 0.582 | 0.551 | 0.623 | 0.589 | 4.0 |
| Nitrobenzene | | 0.333 | 0.340 | 0.355 | 0.337 | 0.373 | 0.348 | 4.0 |
| Isophorone | | 0.644 | 0.640 | 0.695 | 0.673 | 0.753 | 0.687 | 5.9 |
| 2-Nitrophenol | | 0.135 | 0.143 | 0.168 | 0.172 | 0.196 | 0.171 | 14.1 |
| 2,4-Dimethylphenol | | 0.273 | 0.279 | 0.300 | 0.298 | 0.329 | 0.301 | 6.6 |
| bis(2-Chloroethoxy)methane | | 0.403 | 0.391 | 0.411 | 0.399 | 0.443 | 0.410 | 4.1 |
| 2,4-Dichlorophenol | | 0.250 | 0.258 | 0.290 | 0.291 | 0.327 | 0.292 | 10.0 |
| 1,2,4-Trichlorobenzene | | 0.346 | 0.322 | 0.327 | 0.306 | 0.347 | 0.329 | 4.3 |
| Benzoic acid | | | 0.089 | 0.146 | 0.191 | 0.215 | 0.181 | 29.6 |
| Naphthalene | | 1.064 | 1.026 | 1.049 | 0.980 | 1.091 | 1.036 | 3.5 |
| 4-Chloroaniline | | 0.348 | 0.371 | 0.420 | 0.418 | 0.465 | 0.418 | 10.6 |
| Hexachlorobutadiene | | 0.231 | 0.214 | 0.211 | 0.198 | 0.222 | 0.213 | 5.1 |
| Caprolactam | | 0.082 | 0.092 | 0.104 | 0.109 | 0.121 | 0.106 | 13.8 |
| 4-Chloro-3-methylphenol | | 0.316 | 0.325 | 0.358 | 0.356 | 0.391 | 0.356 | 7.8 |
| 2-Methylnaphthalene | | 0.673 | 0.654 | 0.670 | 0.640 | 0.713 | 0.671 | 3.7 |

All other compounds must meet a minimum RRF of 0.010.

Alliance TECHNICAL GROUP
284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

6C

SEMIVOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name: CHEMTECH Contract: ALLI03

Lab Code: CHEM Case No.: Q1872 SAS No.: Q1872 SDG No.: Q1872

Instrument ID: BNA_P Calibration Date(s): 05/13/2025 05/13/2025

Calibration Time(s): 10:41 15:26

LAB FILE ID: RRF2.5 = BP024614.D RRF005 = BP024615.D RRF010 = BP024616.D
RRF020 = BP024617.D RRF040 = BP024618.D RRF050 = BP024619.D

| COMPOUND | RRF2.5 | RRF005 | RRF010 | RRF020 | RRF040 | RRF050 | RRF | % RSD |
|---|---|---|---|---|---|---|---|---|
| Hexachlorocyclopentadiene | | 0.250 | 0.276 | 0.350 | 0.356 | 0.420 | 0.352 | 19.0 |
| 2,4,6-Trichlorophenol | | 0.305 | 0.341 | 0.375 | 0.371 | 0.428 | 0.376 | 11.3 |
| 2-Fluorobiphenyl | | 1.601 | 1.498 | 1.553 | 1.432 | 1.602 | 1.527 | 4.1 |
| 2,4,5-Trichlorophenol | | 0.376 | 0.375 | 0.418 | 0.404 | 0.471 | 0.419 | 8.7 |
| 1,1-Biphenyl | | 1.524 | 1.434 | 1.492 | 1.383 | 1.586 | 1.478 | 4.4 |
| 2-Chloronaphthalene | | 1.147 | 1.106 | 1.131 | 1.065 | 1.196 | 1.127 | 3.6 |
| 2-Nitroaniline | | 0.279 | 0.304 | 0.331 | 0.335 | 0.381 | 0.334 | 10.3 |
| Dimethylphthalate | | 1.570 | 1.527 | 1.518 | 1.450 | 1.611 | 1.524 | 3.7 |
| Acenaphthylene | | 1.845 | 1.818 | 1.920 | 1.804 | 2.029 | 1.886 | 4.2 |
| 2,6-Dinitrotoluene | | 0.299 | 0.308 | 0.326 | 0.312 | 0.354 | 0.322 | 5.8 |
| 3-Nitroaniline | | 0.258 | 0.275 | 0.329 | 0.340 | 0.379 | 0.329 | 14.0 |
| Acenaphthene | | 1.105 | 1.054 | 1.094 | 1.028 | 1.159 | 1.084 | 4.0 |
| 2,4-Dinitrophenol | | | 0.098 | 0.143 | 0.172 | 0.201 | 0.169 | 24.8 |
| 4-Nitrophenol | | | 0.159 | 0.222 | 0.257 | 0.299 | 0.250 | 20.8 |
| Dibenzofuran | | 1.810 | 1.716 | 1.740 | 1.633 | 1.816 | 1.730 | 4.0 |
| 2,4-Dinitrotoluene | | 0.400 | 0.422 | 0.456 | 0.454 | 0.508 | 0.454 | 7.9 |
| Diethylphthalate | | 1.593 | 1.542 | 1.537 | 1.444 | 1.639 | 1.541 | 4.4 |
| 4-Chlorophenyl-phenylether | | 0.752 | 0.697 | 0.700 | 0.656 | 0.741 | 0.703 | 5.0 |
| Fluorene | | 1.466 | 1.415 | 1.410 | 1.336 | 1.494 | 1.410 | 4.1 |
| 4-Nitroaniline | | 0.228 | 0.259 | 0.326 | 0.330 | 0.375 | 0.317 | 17.1 |
| 4,6-Dinitro-2-methylphenol | | | 0.094 | 0.120 | 0.129 | 0.149 | 0.129 | 15.6 |
| n-Nitrosodiphenylamine | | 0.603 | 0.589 | 0.627 | 0.593 | 0.667 | 0.614 | 4.4 |
| Azobenzene | | 1.327 | 1.299 | 1.356 | 1.250 | 1.407 | 1.318 | 4.4 |
| 2,4,6-Tribromophenol | | 0.324 | 0.321 | 0.335 | 0.323 | 0.369 | 0.339 | 5.5 |
| 4-Bromophenyl-phenylether | | 0.231 | 0.223 | 0.237 | 0.226 | 0.252 | 0.236 | 4.3 |
| Hexachlorobenzene | | 0.303 | 0.288 | 0.298 | 0.282 | 0.321 | 0.299 | 4.2 |
| Atrazine | | 0.210 | 0.209 | 0.227 | 0.218 | 0.248 | 0.225 | 6.3 |
| Pentachlorophenol | | 0.124 | 0.137 | 0.163 | 0.172 | 0.198 | 0.168 | 17.1 |
| Phenanthrene | | 1.144 | 1.085 | 1.125 | 1.051 | 1.170 | 1.112 | 3.7 |
| Anthracene | | 1.097 | 1.064 | 1.142 | 1.075 | 1.205 | 1.119 | 4.3 |
| Carbazole | | 0.923 | 0.944 | 1.039 | 1.001 | 1.114 | 1.012 | 6.4 |
| Di-n-butylphthalate | | 1.182 | 1.218 | 1.332 | 1.260 | 1.447 | 1.302 | 7.0 |
| Fluoranthene | | 1.271 | 1.254 | 1.314 | 1.250 | 1.399 | 1.300 | 4.2 |
| Benzidine | | | 0.362 | 0.543 | 0.560 | 0.657 | 0.545 | 18.2 |
| Pyrene | | 1.184 | 1.137 | 1.197 | 1.153 | 1.273 | 1.198 | 3.8 |

All other compounds must meet a minimum RRF of 0.010.

Alliance TECHNICAL GROUP
284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

6C

SEMIVOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name: CHEMTECH Contract: ALLI03

Lab Code: CHEM Case No.: Q1872 SAS No.: Q1872 SDG No.: Q1872

Instrument ID: BNA_P Calibration Date(s): 05/13/2025 05/13/2025

Calibration Time(s): 10:41 15:26

LAB FILE ID: RRF2.5 = BP024614.D RRF005 = BP024615.D RRF010 = BP024616.D
RRF020 = BP024617.D RRF040 = BP024618.D RRF050 = BP024619.D

| COMPOUND | RRF2.5 | RRF005 | RRF010 | RRF020 | RRF040 | RRF050 | RRF | % RSD |
|---|---|---|---|---|---|---|---|---|
| Terphenyl-d14 | | 1.192 | 1.113 | 1.165 | 1.125 | 1.226 | 1.166 | 3.3 |
| Butylbenzylphthalate | | 0.458 | 0.465 | 0.537 | 0.527 | 0.604 | 0.533 | 10.3 |
| 3,3-Dichlorobenzidine | | 0.357 | 0.392 | 0.474 | 0.477 | 0.539 | 0.466 | 14.5 |
| Benzo(a)anthracene | | 1.251 | 1.218 | 1.253 | 1.208 | 1.336 | 1.256 | 3.4 |
| Chrysene | | 1.214 | 1.180 | 1.185 | 1.131 | 1.255 | 1.190 | 3.2 |
| Bis(2-ethylhexyl)phthalate | | 0.673 | 0.683 | 0.801 | 0.766 | 0.884 | 0.783 | 10.3 |
| Di-n-octyl phthalate | | 1.048 | 1.116 | 1.272 | 1.280 | 1.458 | 1.281 | 12.0 |
| Benzo(b)fluoranthene | | 1.028 | 1.070 | 1.152 | 1.103 | 1.288 | 1.145 | 7.6 |
| Benzo(k)fluoranthene | | 1.147 | 1.106 | 1.182 | 1.140 | 1.258 | 1.180 | 4.6 |
| Benzo(a)pyrene | | 0.995 | 1.001 | 1.112 | 1.064 | 1.221 | 1.099 | 7.7 |
| Indeno(1,2,3-cd)pyrene | | 1.341 | 1.357 | 1.447 | 1.424 | 1.608 | 1.460 | 6.7 |
| Dibenzo(a,h)anthracene | | 1.068 | 1.066 | 1.186 | 1.167 | 1.321 | 1.188 | 8.2 |
| Benzo(g,h,i)perylene | | 1.101 | 1.106 | 1.167 | 1.147 | 1.294 | 1.181 | 6.1 |
| 1,2,4,5-Tetrachlorobenzene | | 0.593 | 0.558 | 0.574 | 0.549 | 0.625 | 0.581 | 4.3 |
| 1,4-Dioxane | | 0.641 | 0.557 | 0.535 | 0.505 | 0.562 | 0.549 | 8.3 |
| 2,3,4,6-Tetrachlorophenol | | 0.367 | 0.364 | 0.381 | 0.379 | 0.428 | 0.388 | 5.9 |
| 1-Methylnaphthalene | | 0.741 | 0.700 | 0.720 | 0.690 | 0.751 | 0.718 | 3.5 |

All other compounds must meet a minimum RRF of 0.010.