

7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

|                 |                   |                        |                              |
|-----------------|-------------------|------------------------|------------------------------|
| Lab Name:       | <u>Alliance</u>   | Contract:              | <u>ROYF02</u>                |
| Lab Code:       | <u>ACE</u>        | SDG No.:               | <u>Q3179</u>                 |
| Instrument ID:  | <u>BNA_F</u>      | Calibration Date/Time: | <u>09/30/2025 13:36</u>      |
| Lab File ID:    | <u>BF143830.D</u> | Init. Calib. Date(s):  | <u>09/23/2025 09/23/2025</u> |
| EPA Sample No.: | <u>SSTDCCC040</u> | Init. Calib. Time(s):  | <u>10:28 15:27</u>           |
| GC Column:      | <u>DB-UI</u>      | ID:                    | <u>0.18</u> (mm)             |

| COMPOUND                    | RRF   | RRF040 | MIN RRF | %D    | MAX%D |
|-----------------------------|-------|--------|---------|-------|-------|
| n-Nitrosodimethylamine      | 0.797 | 0.675  |         | -15.3 |       |
| Pyridine                    | 1.590 | 1.579  |         | -0.7  |       |
| 2-Fluorophenol              | 1.231 | 1.238  |         | 0.6   |       |
| Benzaldehyde                | 1.246 | 1.159  |         | -7.0  |       |
| Aniline                     | 2.064 | 2.022  |         | -2.0  |       |
| Phenol-d6                   | 1.422 | 1.418  |         | -0.3  |       |
| Phenol                      | 1.653 | 1.739  |         | 5.2   | 20.0  |
| bis(2-Chloroethyl)ether     | 1.296 | 1.278  |         | -1.4  |       |
| 2-Chlorophenol              | 1.260 | 1.285  |         | 2.0   |       |
| Benzyl Alcohol              | 1.028 | 1.068  |         | 3.9   |       |
| 2-Methylphenol              | 0.976 | 0.992  |         | 1.6   |       |
| 2,2-oxybis(1-Chloropropane) | 3.073 | 2.569  |         | -16.4 |       |
| Acetophenone                | 0.439 | 0.430  |         | -2.0  |       |
| 3+4-Methylphenols           | 1.185 | 1.233  |         | 4.1   |       |
| n-Nitroso-di-n-propylamine  | 0.915 | 0.880  | 0.050   | -3.8  |       |
| Nitrobenzene-d5             | 0.327 | 0.340  |         | 4.0   |       |
| Hexachloroethane            | 0.514 | 0.502  |         | -2.3  |       |
| Nitrobenzene                | 0.362 | 0.371  |         | 2.5   |       |
| Isophorone                  | 0.637 | 0.640  |         | 0.5   |       |
| 2-Nitrophenol               | 0.132 | 0.165  |         | 25.0  | 20.0  |
| 2,4-Dimethylphenol          | 0.285 | 0.289  |         | 1.4   |       |
| bis(2-Chloroethoxy)methane  | 0.414 | 0.409  |         | -1.2  |       |
| 2,4-Dichlorophenol          | 0.280 | 0.290  |         | 3.6   | 20.0  |
| Benzoic acid                | 0.137 | 0.152  |         | 10.9  |       |
| Naphthalene                 | 0.957 | 0.950  |         | -0.7  |       |
| 4-Chloroaniline             | 0.336 | 0.344  |         | 2.4   |       |
| Hexachlorobutadiene         | 0.217 | 0.231  |         | 6.5   | 20.0  |
| Caprolactam                 | 0.072 | 0.076  |         | 5.6   |       |
| 4-Chloro-3-methylphenol     | 0.263 | 0.273  |         | 3.8   | 20.0  |
| 2-Methylnaphthalene         | 0.611 | 0.620  |         | 1.5   |       |
| Hexachlorocyclopentadiene   | 0.383 | 0.363  | 0.050   | -5.2  |       |
| 2,4,6-Trichlorophenol       | 0.378 | 0.398  |         | 5.3   | 20.0  |
| 2-Fluorobiphenyl            | 1.282 | 1.279  |         | -0.2  |       |
| 2,4,5-Trichlorophenol       | 0.395 | 0.418  |         | 5.8   |       |
| 1,1-Biphenyl                | 1.448 | 1.406  |         | -2.9  |       |
| 2-Chloronaphthalene         | 1.165 | 1.134  |         | -2.7  |       |
| 2-Nitroaniline              | 0.352 | 0.398  |         | 13.1  |       |
| Dimethylphthalate           | 1.219 | 1.232  |         | 1.1   |       |
| Acenaphthylene              | 1.604 | 1.578  |         | -1.6  |       |

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| Lab Code:       | <u>ACE</u>        | SDG No.:               | <u>Q3179</u>                 |
| Instrument ID:  | <u>BNA_F</u>      | Calibration Date/Time: | <u>09/30/2025 13:36</u>      |
| Lab File ID:    | <u>BF143830.D</u> | Init. Calib. Date(s):  | <u>09/23/2025 09/23/2025</u> |
| EPA Sample No.: | <u>SSTDCCC040</u> | Init. Calib. Time(s):  | <u>10:28 15:27</u>           |
| GC Column:      | <u>DB-UI</u>      | ID:                    | <u>0.18</u> (mm)             |

| COMPOUND                     | RRF   | RRF040 | MIN RRF | %D   | MAX%D |
|------------------------------|-------|--------|---------|------|-------|
| 2,6-Dinitrotoluene           | 0.200 | 0.235  |         | 17.5 |       |
| 3-Nitroaniline               | 0.243 | 0.275  |         | 13.2 |       |
| Acenaphthene                 | 1.056 | 1.037  |         | -1.8 | 20.0  |
| 2,4-Dinitrophenol            | 0.064 | 0.076  | 0.050   | 18.8 |       |
| 4-Nitrophenol                | 0.196 | 0.189  | 0.050   | -3.6 |       |
| Dibenzofuran                 | 1.493 | 1.484  |         | -0.6 |       |
| 2,4-Dinitrotoluene           | 0.261 | 0.311  |         | 19.2 |       |
| Diethylphthalate             | 1.141 | 1.133  |         | -0.7 |       |
| 4-Chlorophenyl-phenylether   | 0.566 | 0.582  |         | 2.8  |       |
| Fluorene                     | 1.110 | 1.116  |         | 0.5  |       |
| 4-Nitroaniline               | 0.228 | 0.247  |         | 8.3  |       |
| 4,6-Dinitro-2-methylphenol   | 0.067 | 0.082  |         | 22.4 |       |
| n-Nitrosodiphenylamine       | 0.658 | 0.657  |         | -0.2 | 20.0  |
| Azobenzene                   | 1.203 | 1.152  |         | -4.2 |       |
| 2,4,6-Tribromophenol         | 0.296 | 0.339  |         | 14.5 |       |
| 4-Bromophenyl-phenylether    | 0.341 | 0.380  |         | 11.4 |       |
| Hexachlorobenzene            | 0.470 | 0.541  |         | 15.1 |       |
| Atrazine                     | 0.190 | 0.192  |         | 1.1  |       |
| Pentachlorophenol            | 0.234 | 0.266  |         | 13.7 | 20.0  |
| Phenanthrene                 | 1.027 | 1.014  |         | -1.3 |       |
| Anthracene                   | 1.030 | 1.027  |         | -0.3 |       |
| Carbazole                    | 0.901 | 0.875  |         | -2.9 |       |
| Di-n-butylphthalate          | 1.036 | 1.018  |         | -1.7 |       |
| Fluoranthene                 | 1.033 | 0.998  |         | -3.4 | 20.0  |
| Benzidine                    | 0.487 | 0.439  |         | -9.9 |       |
| Pyrene                       | 0.983 | 1.061  |         | 7.9  |       |
| Terphenyl-d14                | 0.983 | 1.123  |         | 14.2 |       |
| Butylbenzylphthalate         | 0.340 | 0.359  |         | 5.6  |       |
| 3,3-Dichlorobenzidine        | 0.465 | 0.471  |         | 1.3  |       |
| Benzo (a) anthracene         | 1.074 | 1.098  |         | 2.2  |       |
| Chrysene                     | 0.972 | 0.954  |         | -1.9 |       |
| Bis (2-ethylhexyl) phthalate | 0.499 | 0.481  |         | -3.6 |       |
| Di-n-octyl phthalate         | 0.905 | 0.816  |         | -9.8 | 20.0  |
| Benzo (b) fluoranthene       | 1.019 | 1.000  |         | -1.8 |       |
| Benzo (k) fluoranthene       | 1.023 | 1.018  |         | -0.5 |       |
| Benzo (a) pyrene             | 0.957 | 0.960  |         | 0.3  | 20.0  |
| Indeno (1,2,3-cd) pyrene     | 1.517 | 1.699  |         | 12.0 |       |
| Dibenzo (a,h) anthracene     | 1.241 | 1.389  |         | 11.9 |       |
| Benzo (g,h,i) perylene       | 1.196 | 1.349  |         | 12.8 |       |

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 Lab File ID: BF143830.D Init. Calib. Date(s): 09/23/2025 09/23/2025  
 EPA Sample No.: SSTDCCC040 Init. Calib. Time(s): 10:28 15:27  
 GC Column: DB-UI ID: 0.18 (mm)

| COMPOUND                   | RRF   | RRF040 | MIN<br>RRF | %D   | MAX%D |
|----------------------------|-------|--------|------------|------|-------|
| 1,2,4,5-Tetrachlorobenzene | 0.604 | 0.612  |            | 1.3  |       |
| 1,4-Dioxane                | 0.589 | 0.581  |            | -1.4 | 20.0  |
| 2,3,4,6-Tetrachlorophenol  | 0.339 | 0.391  |            | 15.3 |       |
| 1-Methylnaphthalene        | 0.584 | 0.587  |            | 0.5  |       |

All other compounds must meet a minimum RRF of 0.010.