

6C

SEMIVOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name: Alliance

Contract: GENV01

Lab Code: ACE

SDG No.: Q3083

Instrument ID: BNA\_N

Calibration Date(s): 09/11/2025 09/11/2025

Calibration Time(s): 09:56 13:33

| LAB FILE ID:             |        | RRF0.1 = BN037691.D |        | RRF0.2 = BN037692.D |        | RRF0.4 = BN037693.D |       |       |  |
|--------------------------|--------|---------------------|--------|---------------------|--------|---------------------|-------|-------|--|
|                          |        | RRF0.8 = BN037694.D |        | RRF1.6 = BN037695.D |        | RRF3.2 = BN037696.D |       |       |  |
| COMPOUND                 | RRF0.1 | RRF0.2              | RRF0.4 | RRF0.8              | RRF1.6 | RRF3.2              | RRF   | % RSD |  |
| 2-Methylnaphthalene-d10  | 0.497  | 0.497               | 0.498  | 0.478               | 0.522  | 0.550               | 0.530 | 12.3  |  |
| Fluoranthene-d10         | 0.912  | 0.887               | 0.935  | 0.883               | 0.954  | 1.108               | 1.004 | 17.0  |  |
| 2-Fluorophenol           | 0.929  | 0.913               | 0.892  | 0.840               | 0.912  | 0.937               | 0.918 | 5.4   |  |
| Phenol-d6                | 1.191  | 1.193               | 1.156  | 1.088               | 1.193  | 1.225               | 1.191 | 5.1   |  |
| Nitrobenzene-d5          | 0.287  | 0.279               | 0.285  | 0.272               | 0.296  | 0.303               | 0.293 | 6.0   |  |
| Naphthalene              | 1.091  | 1.072               | 1.074  | 1.036               | 1.117  | 1.115               | 1.093 | 3.4   |  |
| 2-Fluorobiphenyl         | 1.663  | 1.666               | 1.649  | 1.586               | 1.689  | 1.674               | 1.673 | 3.5   |  |
| Acenaphthylene           | 1.754  | 1.756               | 1.783  | 1.727               | 1.885  | 1.916               | 1.834 | 5.9   |  |
| Acenaphthene             | 1.165  | 1.199               | 1.215  | 1.187               | 1.272  | 1.296               | 1.240 | 5.4   |  |
| Fluorene                 | 1.404  | 1.402               | 1.441  | 1.419               | 1.545  | 1.633               | 1.502 | 7.6   |  |
| 2,4,6-Tribromophenol     | 0.088  | 0.098               | 0.101  | 0.096               | 0.113  | 0.131               | 0.104 | 14.7  |  |
| Phenanthrene             | 1.228  | 1.215               | 1.223  | 1.173               | 1.285  | 1.321               | 1.259 | 5.5   |  |
| Anthracene               | 1.038  | 1.029               | 1.070  | 1.030               | 1.140  | 1.221               | 1.116 | 9.1   |  |
| Fluoranthene             | 1.257  | 1.224               | 1.310  | 1.269               | 1.393  | 1.578               | 1.381 | 11.9  |  |
| Pyrene                   | 1.578  | 1.618               | 1.557  | 1.473               | 1.603  | 1.542               | 1.566 | 3.1   |  |
| Terphenyl-d14            | 0.806  | 0.833               | 0.801  | 0.754               | 0.812  | 0.784               | 0.812 | 5.3   |  |
| Benzo (a) anthracene     | 1.386  | 1.345               | 1.347  | 1.297               | 1.410  | 1.459               | 1.395 | 5.5   |  |
| Chrysene                 | 1.523  | 1.491               | 1.496  | 1.402               | 1.510  | 1.506               | 1.496 | 3.0   |  |
| Benzo (b) fluoranthene   | 1.463  | 1.475               | 1.554  | 1.444               | 1.636  | 1.674               | 1.575 | 8.0   |  |
| Benzo (k) fluoranthene   | 1.516  | 1.543               | 1.524  | 1.501               | 1.705  | 1.696               | 1.606 | 6.7   |  |
| Benzo (a) pyrene         | 1.155  | 1.172               | 1.201  | 1.151               | 1.314  | 1.367               | 1.261 | 9.8   |  |
| Indeno (1,2,3-cd) pyrene | 1.517  | 1.491               | 1.543  | 1.532               | 1.791  | 1.865               | 1.681 | 12.6  |  |
| Dibenzo (a,h) anthracene | 1.157  | 1.175               | 1.210  | 1.232               | 1.463  | 1.519               | 1.342 | 14.4  |  |
| Benzo (g,h,i) perylene   | 1.413  | 1.402               | 1.451  | 1.375               | 1.568  | 1.607               | 1.506 | 8.6   |  |

All other compounds must meet a minimum RRF of 0.010.

Form VI SV-1