

7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

|                 |                   |                        |                              |
|-----------------|-------------------|------------------------|------------------------------|
| Lab Name:       | <u>Alliance</u>   | Contract:              | <u>JPCL01</u>                |
| Lab Code:       | <u>ACE</u>        | SDG No.:               | <u>Q2473</u>                 |
| Instrument ID:  | <u>BNA_F</u>      | Calibration Date/Time: | <u>07/08/2025 10:54</u>      |
| Lab File ID:    | <u>BF143025.D</u> | Init. Calib. Date(s):  | <u>06/19/2025 06/19/2025</u> |
| EPA Sample No.: | <u>SSTDCCC040</u> | Init. Calib. Time(s):  | <u>17:07 20:40</u>           |
| GC Column:      | <u>DB-UI</u>      | ID:                    | <u>0.18</u> (mm)             |

| COMPOUND                    | RRF   | RRF040 | MIN RRF | %D   | MAX%D |
|-----------------------------|-------|--------|---------|------|-------|
| 2-Fluorophenol              | 1.201 | 1.183  |         | -1.5 |       |
| Benzaldehyde                | 0.841 | 0.903  |         | 7.4  |       |
| Phenol-d6                   | 1.417 | 1.384  |         | -2.3 |       |
| Phenol                      | 1.575 | 1.550  |         | -1.6 | 20.0  |
| bis(2-Chloroethyl)ether     | 1.126 | 1.102  |         | -2.1 |       |
| 2-Chlorophenol              | 1.296 | 1.276  |         | -1.5 |       |
| 2-Methylphenol              | 0.982 | 0.973  |         | -0.9 |       |
| 2,2-oxybis(1-Chloropropane) | 1.809 | 1.645  |         | -9.1 |       |
| Acetophenone                | 0.441 | 0.431  |         | -2.3 |       |
| 3+4-Methylphenols           | 1.224 | 1.225  |         | 0.1  |       |
| n-Nitroso-di-n-propylamine  | 0.824 | 0.805  | 0.050   | -2.3 |       |
| Nitrobenzene-d5             | 0.365 | 0.385  |         | 5.5  |       |
| Hexachloroethane            | 0.511 | 0.498  |         | -2.5 |       |
| Nitrobenzene                | 0.330 | 0.315  |         | -4.5 |       |
| Isophorone                  | 0.585 | 0.566  |         | -3.2 |       |
| 2-Nitrophenol               | 0.180 | 0.181  |         | 0.6  | 20.0  |
| 2,4-Dimethylphenol          | 0.311 | 0.301  |         | -3.2 |       |
| bis(2-Chloroethoxy)methane  | 0.372 | 0.361  |         | -3.0 |       |
| 2,4-Dichlorophenol          | 0.282 | 0.275  |         | -2.5 | 20.0  |
| Naphthalene                 | 0.979 | 0.952  |         | -2.8 |       |
| 4-Chloroaniline             | 0.398 | 0.391  |         | -1.8 |       |
| Hexachlorobutadiene         | 0.190 | 0.185  |         | -2.6 | 20.0  |
| Caprolactam                 | 0.075 | 0.078  |         | 4.0  |       |
| 4-Chloro-3-methylphenol     | 0.281 | 0.276  |         | -1.8 | 20.0  |
| 2-Methylnaphthalene         | 0.607 | 0.594  |         | -2.1 |       |
| Hexachlorocyclopentadiene   | 0.335 | 0.341  | 0.050   | 1.8  |       |
| 2,4,6-Trichlorophenol       | 0.385 | 0.367  |         | -4.7 | 20.0  |
| 2-Fluorobiphenyl            | 1.522 | 1.552  |         | 2.0  |       |
| 2,4,5-Trichlorophenol       | 0.405 | 0.383  |         | -5.4 |       |
| 1,1-Biphenyl                | 1.580 | 1.507  |         | -4.6 |       |
| 2-Chloronaphthalene         | 1.186 | 1.125  |         | -5.1 |       |
| 2-Nitroaniline              | 0.332 | 0.326  |         | -1.8 |       |
| Dimethylphthalate           | 1.295 | 1.287  |         | -0.6 |       |
| Acenaphthylene              | 1.952 | 1.854  |         | -5.0 |       |
| 2,6-Dinitrotoluene          | 0.284 | 0.279  |         | -1.8 |       |
| 3-Nitroaniline              | 0.313 | 0.304  |         | -2.9 |       |
| Acenaphthene                | 1.191 | 1.180  |         | -0.9 | 20.0  |
| 2,4-Dinitrophenol           | 0.142 | 0.188  | 0.050   | 32.4 |       |
| 4-Nitrophenol               | 0.214 | 0.259  | 0.050   | 21.0 |       |

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| Lab Code:       | <u>ACE</u>        | SDG No.:               | <u>Q2473</u>                 |
| Instrument ID:  | <u>BNA_F</u>      | Calibration Date/Time: | <u>07/08/2025 10:54</u>      |
| Lab File ID:    | <u>BF143025.D</u> | Init. Calib. Date(s):  | <u>06/19/2025 06/19/2025</u> |
| EPA Sample No.: | <u>SSTDCCC040</u> | Init. Calib. Time(s):  | <u>17:07 20:40</u>           |
| GC Column:      | <u>DB-UI</u>      | ID:                    | <u>0.18</u> (mm)             |

| COMPOUND                   | RRF   | RRF040 | MIN<br>RRF | %D   | MAX%D |
|----------------------------|-------|--------|------------|------|-------|
| Dibenzofuran               | 1.708 | 1.634  |            | -4.3 |       |
| 2,4-Dinitrotoluene         | 0.378 | 0.376  |            | -0.5 |       |
| Diethylphthalate           | 1.269 | 1.241  |            | -2.2 |       |
| 4-Chlorophenyl-phenylether | 0.636 | 0.623  |            | -2.0 |       |
| Fluorene                   | 1.334 | 1.302  |            | -2.4 |       |
| 4-Nitroaniline             | 0.286 | 0.282  |            | -1.4 |       |
| 4,6-Dinitro-2-methylphenol | 0.121 | 0.120  |            | -0.8 |       |
| n-Nitrosodiphenylamine     | 0.693 | 0.683  |            | -1.4 | 20.0  |
| 2,4,6-Tribromophenol       | 0.206 | 0.200  |            | -2.9 |       |
| 4-Bromophenyl-phenylether  | 0.228 | 0.230  |            | 0.9  |       |
| Hexachlorobenzene          | 0.253 | 0.251  |            | -0.8 |       |
| Atrazine                   | 0.179 | 0.189  |            | 5.6  |       |
| Pentachlorophenol          | 0.126 | 0.185  |            | 46.8 | 20.0  |
| Phenanthrene               | 1.083 | 1.051  |            | -3.0 |       |
| Anthracene                 | 1.111 | 1.089  |            | -2.0 |       |
| Carbazole                  | 0.959 | 0.908  |            | -5.3 |       |
| Di-n-butylphthalate        | 0.999 | 1.022  |            | 2.3  |       |
| Fluoranthene               | 1.028 | 0.959  |            | -6.7 | 20.0  |
| Pyrene                     | 1.875 | 2.136  |            | 13.9 |       |
| Terphenyl-d14              | 1.447 | 1.536  |            | 6.2  |       |
| Butylbenzylphthalate       | 0.544 | 0.573  |            | 5.3  |       |
| 3,3-Dichlorobenzidine      | 0.438 | 0.444  |            | 1.4  |       |
| Benzo (a) anthracene       | 1.349 | 1.310  |            | -2.9 |       |
| Chrysene                   | 1.204 | 1.161  |            | -3.6 |       |
| Bis(2-ethylhexyl)phthalate | 0.782 | 0.775  |            | -0.9 |       |
| Di-n-octyl phthalate       | 1.475 | 1.479  |            | 0.3  | 20.0  |
| Benzo (b) fluoranthene     | 1.157 | 1.133  |            | -2.1 |       |
| Benzo (k) fluoranthene     | 1.083 | 0.990  |            | -8.6 |       |
| Benzo (a) pyrene           | 1.118 | 1.090  |            | -2.5 | 20.0  |
| Indeno (1,2,3-cd) pyrene   | 1.523 | 1.509  |            | -0.9 |       |
| Dibenzo (a,h) anthracene   | 1.238 | 1.206  |            | -2.6 |       |
| Benzo (g,h,i) perylene     | 1.234 | 1.198  |            | -2.9 |       |
| 1,2,4,5-Tetrachlorobenzene | 0.590 | 0.574  |            | -2.7 |       |
| 1,4-Dioxane                | 0.480 | 0.434  |            | -9.6 | 20.0  |
| 2,3,4,6-Tetrachlorophenol  | 0.326 | 0.307  |            | -5.8 |       |

All other compounds must meet a minimum RRF of 0.010.