# Evaluate Continuing Calibration Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM061125\
Data File : BM050293.D
Acq On : 12 Jun 2025 03:52
Operator : RC/JU
Sample : DFTPP
Misc :
ALS Vial : 1 Sample Multiplier: 1

**Instrument :**
BNA_M
**ClientSampleId :**
DFTPP

Quant Time: Jun 12 05:37:26 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM060525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jun 09 11:54:38 2025
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 25% Max. Rel. Area : 150%

| | | Compound | Amount | Calc. | %Dev | Area% | Dev(min) |
|---|---|---|---|---|---|---|---|
| 1 | I | 1,4-Dichlorobenzene-d4 | 20.000 | 0.000 | 100.0# | 0 | -7.77# |
| 2 | | 1,4-Dioxane | 40.000 | 0.000 | 100.0# | 0 | 0.00 |
| 3 | | Pyridine | 40.000 | 0.000 | 100.0# | 0 | 0.00 |
| 4 | | n-Nitrosodimethylamine | 40.000 | 0.000 | 100.0# | 0 | -0.02 |
| 5 | S | 2-Fluorophenol | 80.000 | 0.000 | 100.0# | 0 | -5.36# |
| 6 | | Aniline | 40.000 | 0.000 | 100.0# | 0 | -7.09# |
| 7 | S | Phenol-d6 | 80.000 | 0.000 | 100.0# | 0 | -6.93# |
| 8 | | 2-Chlorophenol | 40.000 | 0.000 | 100.0# | 0 | -0.20 |
| 9 | | Benzaldehyde | 40.000 | 0.000 | 100.0# | 0 | -0.01 |
| 10 | C | Phenol | 40.000 | 0.000 | 100.0# | 0 | -0.02 |
| 11 | | bis(2-Chloroethyl)ether | 40.000 | 0.000 | 100.0# | 0 | -7.19# |
| 12 | | 1,3-Dichlorobenzene | 40.000 | 0.000 | 100.0# | 0 | -7.66# |
| 13 | C | 1,4-Dichlorobenzene | 40.000 | 0.000 | 100.0# | 0 | -7.80# |
| 14 | | 1,2-Dichlorobenzene | 40.000 | 0.000 | 100.0# | 0 | -8.12# |
| 15 | | Benzyl Alcohol | 40.000 | 0.000 | 100.0# | 0 | 0.01 |
| 16 | | 2,2'-oxybis(1-Chloropropane | 40.000 | 0.000 | 100.0# | 0 | -0.01 |
| 17 | | 2-Methylphenol | 40.000 | 0.000 | 100.0# | 0 | -8.20# |
| 18 | | Hexachloroethane | 40.000 | 0.000 | 100.0# | 0 | -0.19 |
| 19 | P | n-Nitroso-di-n-propylamine | 40.000 | 0.000 | 100.0# | 0 | -8.57# |
| 20 | | 3+4-Methylphenols | 40.000 | 0.000 | 100.0# | 0 | -8.53# |
| 21 | I | Naphthalene-d8 | 20.000 | 0.000 | 100.0# | 0 | -10.56# |
| 22 | | Acetophenone | 40.000 | 0.000 | 100.0# | 0 | 0.00 |
| 23 | S | Nitrobenzene-d5 | 80.000 | 0.000 | 100.0# | 0 | -0.02 |
| 24 | | Nitrobenzene | 40.000 | 0.000 | 100.0# | 0 | 0.00 |
| 25 | | Isophorone | 40.000 | 0.000 | 100.0# | 0 | 0.01 |
| 26 | C | 2-Nitrophenol | 40.000 | 0.000 | 100.0# | 0 | -9.67# |
| 27 | | 2,4-Dimethylphenol | 40.000 | 0.000 | 100.0# | 0 | -9.73# |
| 28 | | bis(2-Chloroethoxy)methane | 40.000 | 0.000 | 100.0# | 0 | -9.97# |
| 29 | C | 2,4-Dichlorophenol | 40.000 | 0.000 | 100.0# | 0 | -10.20# |
| 30 | | 1,2,4-Trichlorobenzene | 40.000 | 0.000 | 100.0# | 0 | -10.42# |
| 31 | | Naphthalene | 40.000 | 0.000 | 100.0# | 0 | 0.00 |
| 32 | | Benzoic acid | 40.000 | 0.000 | 100.0# | 0 | -9.85# |
| 33 | | 4-Chloroaniline | 40.000 | 0.000 | 100.0# | 0 | -10.71# |
| 34 | C | Hexachlorobutadiene | 40.000 | 0.000 | 100.0# | 0 | -10.90# |
| 35 | | Caprolactam | 40.000 | 0.000 | 100.0# | 0 | -11.48# |
| 36 | C | 4-Chloro-3-methylphenol | 40.000 | 0.000 | 100.0# | 0 | -11.83# |
| 37 | | 2-Methylnaphthalene | 40.000 | 0.000 | 100.0# | 0 | -12.22# |
| 38 | | 1-Methylnaphthalene | 40.000 | 0.000 | 100.0# | 0 | -12.44# |
| 39 | I | Acenaphthene-d10 | 20.000 | 0.000 | 100.0# | 0 | -14.40# |
| 40 | | 1,2,4,5-Tetrachlorobenzene | 40.000 | 0.000 | 100.0# | 0 | -12.59# |
| 41 | P | Hexachlorocyclopentadiene | 40.000 | 0.000 | 100.0# | 0 | -12.57# |
| 42 | S | 2,4,6-Tribromophenol | 80.000 | 0.000 | 100.0# | 0 | -15.88# |
| 43 | C | 2,4,6-Trichlorophenol | 40.000 | 0.000 | 100.0# | 0 | -12.83# |
| 44 | | 2,4,5-Trichlorophenol | 40.000 | 0.000 | 100.0# | 0 | -12.90# |
| 45 | S | 2-Fluorobiphenyl | 80.000 | 0.000 | 100.0# | 0 | -13.03# |
| 46 | | 1,1'-Biphenyl | 40.000 | 0.000 | 100.0# | 0 | -13.23# |
| 47 | | 2-Chloronaphthalene | 40.000 | 0.000 | 100.0# | 0 | -13.27# |

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| | | Compound | Amount | Calc. | %Dev | Area% | Dev(min) |
|---|---|---|---|---|---|---|---|
| 48 | | 2-Nitroaniline | 40.000 | 0.000 | 100.0# | 0 | -0.22 |
| 49 | | Acenaphthylene | 40.000 | 0.000 | 100.0# | 0 | -14.12# |
| 50 | | Dimethylphthalate | 40.000 | 0.000 | 100.0# | 0 | 0.00 |
| 51 | | 2,6-Dinitrotoluene | 40.000 | 0.000 | 100.0# | 0 | -0.19 |
| 52 | C | Acenaphthene | 40.000 | 0.000 | 100.0# | 0 | -14.46# |
| 53 | | 3-Nitroaniline | 40.000 | 0.000 | 100.0# | 0 | -14.29# |
| 54 | P | 2,4-Dinitrophenol | 40.000 | 0.000 | 100.0# | 0 | -14.49# |
| 55 | | Dibenzofuran | 40.000 | 0.000 | 100.0# | 0 | 0.14 |
| 56 | P | 4-Nitrophenol | 40.000 | 0.000 | 100.0# | 0 | -14.60# |
| 57 | | 2,4-Dinitrotoluene | 40.000 | 0.000 | 100.0# | 0 | 0.09 |
| 58 | | Fluorene | 40.000 | 0.000 | 100.0# | 0 | -15.44# |
| 59 | | 2,3,4,6-Tetrachlorophenol | 40.000 | 0.000 | 100.0# | 1 | 0.00 |
| 60 | | Diethylphthalate | 40.000 | 0.000 | 100.0# | 0 | 0.20 |
| 61 | | 4-Chlorophenyl-phenylether | 40.000 | 0.000 | 100.0# | 0 | -15.44# |
| 62 | | 4-Nitroaniline | 40.000 | 0.000 | 100.0# | 0 | -15.46# |
| 63 | | Azobenzene | 40.000 | 0.000 | 100.0# | 0 | 0.00 |
| 64 | I | Phenanthrene-d10 | 20.000 | 20.000 | 0.0 | 0 | 0.00 |
| 65 | | 4,6-Dinitro-2-methylphenol | 40.000 | 0.000 | 100.0# | 0 | -15.52# |
| 66 | c | n-Nitrosodiphenylamine | 40.000 | 0.000 | 100.0# | 0 | -15.66# |
| 67 | | 4-Bromophenyl-phenylether | 40.000 | 0.000 | 100.0# | 0 | -16.33# |
| 68 | | Hexachlorobenzene | 40.000 | 0.000 | 100.0# | 0 | -16.44# |
| 69 | | Atrazine | 40.000 | 42238.012 | -105495.0# | 20 | 0.17 |
| 70 | C | Pentachlorophenol | 40.000 | 258016.110 | -644940.3# | 124 | 0.00 |
| 71 | | Phenanthrene | 40.000 | 3.445 | 91.4# | 0 | 0.02 |
| 72 | | Anthracene | 40.000 | 3.669 | 90.8# | 0 | 0.00 |
| 73 | | Carbazole | 40.000 | 2523.439 | -6208.6# | 1 | 0.06 |
| 74 | | Di-n-butylphthalate | 40.000 | 24.486 | 38.8# | 0 | 0.01 |
| 75 | C | Fluoranthene | 40.000 | 3.106 | 92.2# | 0 | 0.00 |
| 76 | I | Chrysene-d12 | 20.000 | 20.000 | 0.0 | 0 | -0.01 |
| 77 | | Benzidine | 40.000 | 81131.907 | -202729.8# | 202 | 0.00 |
| 78 | | Pyrene | 40.000 | 3.922 | 90.2# | 0 | 0.00 |
| 79 | S | Terphenyl-d14 | 80.000 | 54.515 | 31.9# | 0 | -0.01 |
| 80 | | Butylbenzylphthalate | 40.000 | 948.562 | -2271.4# | 2 | 0.14 |
| 81 | | Benzo(a)anthracene | 40.000 | 2.395 | 94.0# | 0 | -0.01 |
| 82 | | 3,3'-Dichlorobenzidine | 40.000 | 13.758 | 65.6# | 0 | -0.01 |
| 83 | | Chrysene | 40.000 | 6.447 | 83.9# | 0 | -0.01 |
| 84 | | Bis(2-ethylhexyl)phthalate | 40.000 | 2.793 | 93.0# | 0 | 0.00 |
| 85 | c | Di-n-octyl phthalate | 40.000 | 9.568 | 76.1# | 0 | -0.02 |
| 86 | I | Perylene-d12 | 20.000 | 20.000 | 0.0 | 0 | -0.03 |
| 87 | | Indeno(1,2,3-cd)pyrene | 40.000 | 2.254 | 94.4# | 0 | -0.05 |
| 88 | | Benzo(b)fluoranthene | 40.000 | 19.789 | 50.5# | 0 | -0.05 |
| 89 | | Benzo(k)fluoranthene | 40.000 | 36.686 | 8.3 | 0 | 0.00 |
| 90 | C | Benzo(a)pyrene | 40.000 | 7.278 | 81.8# | 0 | -0.02 |
| 91 | | Dibenzo(a,h)anthracene | 40.000 | 0.000 | 100.0# | 0 | -27.77# |
| 92 | | Benzo(g,h,i)perylene | 40.000 | 0.000 | 100.0# | 0 | -28.75# |

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|---|---|---|---|---|---|

(#) = Out of Range SPCC's out = 0 CCC's out = 13