# Evaluate Continuing Calibration Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP081925\
Data File : BP025502.D
Acq On : 20 Aug 2025 10:41
Operator : CG/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 33 Sample Multiplier: 1

**Instrument :**
BNA_P
**LabSampleId :**
SSTDCCC040

Quant Time: Aug 20 11:50:01 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP081425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 14 18:14:31 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 | 20.000 | 0.0 | 94 | -0.01 |
| 2 | | 1,4-Dioxane | 40.000 | 41.329 | -3.3 | 103 | 0.00 |
| 3 | | Pyridine | 40.000 | 40.337 | -0.8 | 100 | 0.00 |
| 4 | | n-Nitrosodimethylamine | 40.000 | 43.372 | -8.4 | 106 | 0.00 |
| 5 | S | 2-Fluorophenol | 80.000 | 80.973 | -1.2 | 98 | 0.00 |
| 6 | | Aniline | 40.000 | 40.190 | -0.5 | 97 | 0.00 |
| 7 | S | Phenol-d6 | 80.000 | 81.437 | -1.8 | 97 | 0.00 |
| 8 | | 2-Chlorophenol | 40.000 | 40.005 | -0.0 | 97 | 0.00 |
| 9 | | Benzaldehyde | 40.000 | 23.826 | 40.4# | 44 | 0.00 |
| 10 | C | Phenol | 40.000 | 40.802 | -2.0 | 98 | 0.00 |
| 11 | | bis(2-Chloroethyl)ether | 40.000 | 40.129 | -0.3 | 97 | 0.00 |
| 12 | | 1,3-Dichlorobenzene | 40.000 | 39.880 | 0.3 | 97 | 0.00 |
| 13 | C | 1,4-Dichlorobenzene | 40.000 | 40.220 | -0.5 | 98 | -0.01 |
| 14 | | 1,2-Dichlorobenzene | 40.000 | 39.931 | 0.2 | 97 | 0.00 |
| 15 | | Benzyl Alcohol | 40.000 | 40.652 | -1.6 | 98 | 0.00 |
| 16 | | 2,2'-oxybis(1-Chloropropane | 40.000 | 41.700 | -4.3 | 102 | 0.00 |
| 17 | | 2-Methylphenol | 40.000 | 40.522 | -1.3 | 96 | 0.00 |
| 18 | | Hexachloroethane | 40.000 | 41.003 | -2.5 | 99 | 0.00 |
| 19 | P | n-Nitroso-di-n-propylamine | 40.000 | 40.216 | -0.5 | 97 | 0.00 |
| 20 | | 3+4-Methylphenols | 40.000 | 39.780 | 0.5 | 95 | 0.00 |
| 21 | I | Naphthalene-d8 | 20.000 | 20.000 | 0.0 | 93 | 0.00 |
| 22 | | Acetophenone | 40.000 | 39.991 | 0.0 | 96 | 0.00 |
| 23 | S | Nitrobenzene-d5 | 80.000 | 81.592 | -2.0 | 98 | 0.00 |
| 24 | | Nitrobenzene | 40.000 | 40.309 | -0.8 | 96 | 0.00 |
| 25 | | Isophorone | 40.000 | 40.003 | -0.0 | 97 | 0.00 |
| 26 | C | 2-Nitrophenol | 40.000 | 39.808 | 0.5 | 93 | 0.00 |
| 27 | | 2,4-Dimethylphenol | 40.000 | 39.968 | 0.1 | 94 | 0.00 |
| 28 | | bis(2-Chloroethoxy)methane | 40.000 | 39.468 | 1.3 | 95 | 0.00 |
| 29 | C | 2,4-Dichlorophenol | 40.000 | 40.533 | -1.3 | 96 | 0.00 |
| 30 | | 1,2,4-Trichlorobenzene | 40.000 | 38.887 | 2.8 | 94 | 0.00 |
| 31 | | Naphthalene | 40.000 | 38.998 | 2.5 | 94 | 0.00 |
| 32 | | Benzoic acid | 40.000 | 39.948 | 0.1 | 94 | 0.00 |
| 33 | | 4-Chloroaniline | 40.000 | 39.605 | 1.0 | 94 | 0.00 |
| 34 | C | Hexachlorobutadiene | 40.000 | 39.951 | 0.1 | 96 | 0.00 |
| 35 | | Caprolactam | 40.000 | 38.776 | 3.1 | 94 | 0.00 |
| 36 | C | 4-Chloro-3-methylphenol | 40.000 | 40.195 | -0.5 | 96 | 0.00 |
| 37 | | 2-Methylnaphthalene | 40.000 | 38.714 | 3.2 | 93 | 0.00 |
| 38 | | 1-Methylnaphthalene | 40.000 | 38.296 | 4.3 | 94 | 0.00 |
| 39 | I | Acenaphthene-d10 | 20.000 | 20.000 | 0.0 | 91 | 0.00 |
| 40 | | 1,2,4,5-Tetrachlorobenzene | 40.000 | 40.579 | -1.4 | 95 | 0.00 |
| 41 | P | Hexachlorocyclopentadiene | 40.000 | 41.746 | -4.4 | 95 | 0.00 |
| 42 | S | 2,4,6-Tribromophenol | 80.000 | 80.580 | -0.7 | 94 | 0.00 |
| 43 | C | 2,4,6-Trichlorophenol | 40.000 | 40.907 | -2.3 | 95 | 0.00 |
| 44 | | 2,4,5-Trichlorophenol | 40.000 | 41.026 | -2.6 | 94 | 0.00 |
| 45 | S | 2-Fluorobiphenyl | 80.000 | 79.531 | 0.6 | 95 | 0.00 |
| 46 | | 1,1'-Biphenyl | 40.000 | 39.678 | 0.8 | 93 | 0.00 |
| 47 | | 2-Chloronaphthalene | 40.000 | 39.783 | 0.5 | 93 | 0.00 |

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| | | Compound | Amount | Calc. | %Dev | Area% | Dev(min) |
|---|---|---|---|---|---|---|---|
| 48 | | 2-Nitroaniline | 40.000 | 42.727 | -6.8 | 97 | 0.00 |
| 49 | | Acenaphthylene | 40.000 | 39.860 | 0.4 | 94 | 0.00 |
| 50 | | Dimethylphthalate | 40.000 | 39.744 | 0.6 | 94 | 0.00 |
| 51 | | 2,6-Dinitrotoluene | 40.000 | 41.073 | -2.7 | 93 | 0.00 |
| 52 | C | Acenaphthene | 40.000 | 39.710 | 0.7 | 95 | 0.01 |
| 53 | | 3-Nitroaniline | 40.000 | 41.043 | -2.6 | 95 | 0.00 |
| 54 | P | 2,4-Dinitrophenol | 40.000 | 43.128 | -7.8 | 99 | 0.00 |
| 55 | | Dibenzofuran | 40.000 | 39.226 | 1.9 | 92 | 0.00 |
| 56 | P | 4-Nitrophenol | 40.000 | 40.538 | -1.3 | 94 | 0.00 |
| 57 | | 2,4-Dinitrotoluene | 40.000 | 41.459 | -3.6 | 95 | 0.00 |
| 58 | | Fluorene | 40.000 | 38.412 | 4.0 | 91 | 0.00 |
| 59 | | 2,3,4,6-Tetrachlorophenol | 40.000 | 40.574 | -1.4 | 94 | 0.00 |
| 60 | | Diethylphthalate | 40.000 | 40.513 | -1.3 | 95 | 0.00 |
| 61 | | 4-Chlorophenyl-phenylether | 40.000 | 38.934 | 2.7 | 92 | 0.00 |
| 62 | | 4-Nitroaniline | 40.000 | 40.530 | -1.3 | 93 | 0.00 |
| 63 | | Azobenzene | 40.000 | 42.199 | -5.5 | 99 | 0.01 |
| 64 | I | Phenanthrene-d10 | 20.000 | 20.000 | 0.0 | 90 | 0.00 |
| 65 | | 4,6-Dinitro-2-methylphenol | 40.000 | 41.917 | -4.8 | 96 | 0.00 |
| 66 | c | n-Nitrosodiphenylamine | 40.000 | 40.171 | -0.4 | 93 | 0.00 |
| 67 | | 4-Bromophenyl-phenylether | 40.000 | 40.268 | -0.7 | 93 | 0.00 |
| 68 | | Hexachlorobenzene | 40.000 | 39.919 | 0.2 | 94 | 0.00 |
| 69 | | Atrazine | 40.000 | 40.186 | -0.5 | 94 | 0.00 |
| 70 | C | Pentachlorophenol | 40.000 | 42.449 | -6.1 | 97 | 0.00 |
| 71 | | Phenanthrene | 40.000 | 39.064 | 2.3 | 93 | 0.00 |
| 72 | | Anthracene | 40.000 | 39.365 | 1.6 | 92 | 0.00 |
| 73 | | Carbazole | 40.000 | 39.300 | 1.8 | 93 | 0.00 |
| 74 | | Di-n-butylphthalate | 40.000 | 40.373 | -0.9 | 95 | 0.00 |
| 75 | C | Fluoranthene | 40.000 | 39.528 | 1.2 | 95 | 0.00 |
| 76 | I | Chrysene-d12 | 20.000 | 20.000 | 0.0 | 96 | 0.00 |
| 77 | | Benzidine | 40.000 | 32.893 | 17.8 | 56 | 0.00 |
| 78 | | Pyrene | 40.000 | 37.983 | 5.0 | 93 | 0.00 |
| 79 | S | Terphenyl-d14 | 80.000 | 77.772 | 2.8 | 97 | 0.01 |
| 80 | | Butylbenzylphthalate | 40.000 | 40.617 | -1.5 | 99 | 0.00 |
| 81 | | Benzo(a)anthracene | 40.000 | 39.128 | 2.2 | 97 | 0.00 |
| 82 | | 3,3'-Dichlorobenzidine | 40.000 | 39.295 | 1.8 | 96 | 0.00 |
| 83 | | Chrysene | 40.000 | 39.434 | 1.4 | 99 | 0.00 |
| 84 | | Bis(2-ethylhexyl)phthalate | 40.000 | 41.001 | -2.5 | 102 | -0.01 |
| 85 | c | Di-n-octyl phthalate | 40.000 | 41.280 | -3.2 | 102 | 0.00 |
| 86 | I | Perylene-d12 | 20.000 | 20.000 | 0.0 | 94 | -0.01 |
| 87 | | Indeno(1,2,3-cd)pyrene | 40.000 | 38.904 | 2.7 | 95 | -0.02 |
| 88 | | Benzo(b)fluoranthene | 40.000 | 39.777 | 0.6 | 97 | 0.00 |
| 89 | | Benzo(k)fluoranthene | 40.000 | 40.536 | -1.3 | 99 | 0.00 |
| 90 | C | Benzo(a)pyrene | 40.000 | 39.490 | 1.3 | 96 | 0.02 |
| 91 | | Dibenzo(a,h)anthracene | 40.000 | 39.346 | 1.6 | 96 | -0.02 |
| 92 | | Benzo(g,h,i)perylene | 40.000 | 38.659 | 3.4 | 94 | -0.02 |

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