# Evaluate Continuing Calibration Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF062425\
Data File : BF142811.D
Acq On : 24 Jun 2025 10:16
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

**Instrument :**
BNA_F
**LabSampleId :**
SSTDCCC040

Quant Time: Jun 24 11:38:54 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF061925.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jun 24 05:28:21 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 | AvgRF | CCRF | %Dev | Area% | Dev(min) |
|---|---|---|---|---|---|---|---|
| 1 | I | 1,4-Dichlorobenzene-d4 | 1.000 | 1.000 | 0.0 | 106 | 0.00 |
| 2 | | 1,4-Dioxane | 0.480 | 0.520 | -8.3 | 119 | 0.00 |
| 3 | | Pyridine | 1.205 | 1.312 | -8.9 | 119 | 0.00 |
| 4 | | n-Nitrosodimethylamine | 0.623 | 0.665 | -6.7 | 118 | 0.01 |
| 5 | S | 2-Fluorophenol | 1.201 | 1.291 | -7.5 | 119 | 0.00 |
| 6 | | Aniline | 1.886 | 2.056 | -9.0 | 119 | 0.00 |
| 7 | S | Phenol-d6 | 1.417 | 1.525 | -7.6 | 120 | 0.00 |
| 8 | | 2-Chlorophenol | 1.296 | 1.398 | -7.9 | 119 | 0.00 |
| 9 | | Benzaldehyde | 0.841 | 0.794 | 5.6 | 111 | 0.00 |
| 10 | C | Phenol | 1.575 | 1.704 | -8.2 | 119 | 0.00 |
| 11 | | bis(2-Chloroethyl)ether | 1.126 | 1.218 | -8.2 | 120 | 0.00 |
| 12 | | 1,3-Dichlorobenzene | 1.449 | 1.535 | -5.9 | 118 | 0.00 |
| 13 | C | 1,4-Dichlorobenzene | 1.462 | 1.552 | -6.2 | 116 | 0.00 |
| 14 | | 1,2-Dichlorobenzene | 1.387 | 1.472 | -6.1 | 117 | 0.00 |
| 15 | | Benzyl Alcohol | 1.025 | 1.126 | -9.9 | 122 | 0.00 |
| 16 | | 2,2'-oxybis(1-Chloropropane | 1.809 | 1.882 | -4.0 | 115 | 0.00 |
| 17 | | 2-Methylphenol | 0.982 | 1.064 | -8.4 | 120 | 0.00 |
| 18 | | Hexachloroethane | 0.511 | 0.538 | -5.3 | 114 | 0.00 |
| 19 | P | n-Nitroso-di-n-propylamine | 0.824 | 0.878 | -6.6 | 118 | 0.00 |
| 20 | | 3+4-Methylphenols | 1.224 | 1.330 | -8.7 | 119 | 0.00 |
| 21 | I | Naphthalene-d8 | 1.000 | 1.000 | 0.0 | 107 | 0.00 |
| 22 | | Acetophenone | 0.441 | 0.464 | -5.2 | 119 | 0.00 |
| 23 | S | Nitrobenzene-d5 | 0.365 | 0.392 | -7.4 | 119 | 0.00 |
| 24 | | Nitrobenzene | 0.330 | 0.354 | -7.3 | 119 | 0.00 |
| 25 | | Isophorone | 0.585 | 0.629 | -7.5 | 121 | 0.00 |
| 26 | C | 2-Nitrophenol | 0.180 | 0.200 | -11.1 | 120 | 0.00 |
| 27 | | 2,4-Dimethylphenol | 0.311 | 0.334 | -7.4 | 119 | 0.00 |
| 28 | | bis(2-Chloroethoxy)methane | 0.372 | 0.395 | -6.2 | 119 | 0.00 |
| 29 | C | 2,4-Dichlorophenol | 0.282 | 0.303 | -7.4 | 119 | 0.00 |
| 30 | | 1,2,4-Trichlorobenzene | 0.310 | 0.325 | -4.8 | 116 | 0.00 |
| 31 | | Naphthalene | 0.979 | 1.037 | -5.9 | 119 | 0.00 |
| 32 | | Benzoic acid | 0.159 | 0.189 | -18.9 | 129 | 0.01 |
| 33 | | 4-Chloroaniline | 0.398 | 0.430 | -8.0 | 122 | 0.00 |
| 34 | C | Hexachlorobutadiene | 0.190 | 0.198 | -4.2 | 115 | 0.00 |
| 35 | | Caprolactam | 0.075 | 0.089 | -18.7 | 133 | 0.00 |
| 36 | C | 4-Chloro-3-methylphenol | 0.281 | 0.306 | -8.9 | 122 | 0.00 |
| 37 | | 2-Methylnaphthalene | 0.607 | 0.642 | -5.8 | 119 | 0.00 |
| 38 | | 1-Methylnaphthalene | 0.628 | 0.669 | -6.5 | 120 | 0.00 |
| 39 | I | Acenaphthene-d10 | 1.000 | 1.000 | 0.0 | 111 | 0.00 |
| 40 | | 1,2,4,5-Tetrachlorobenzene | 0.590 | 0.606 | -2.7 | 120 | 0.00 |
| 41 | P | Hexachlorocyclopentadiene | 0.335 | 0.363 | -8.4 | 119 | 0.00 |
| 42 | S | 2,4,6-Tribromophenol | 0.206 | 0.220 | -6.8 | 121 | 0.00 |
| 43 | C | 2,4,6-Trichlorophenol | 0.385 | 0.402 | -4.4 | 122 | 0.00 |
| 44 | | 2,4,5-Trichlorophenol | 0.405 | 0.431 | -6.4 | 122 | 0.00 |
| 45 | S | 2-Fluorobiphenyl | 1.522 | 1.513 | 0.6 | 117 | 0.00 |
| 46 | | 1,1'-Biphenyl | 1.580 | 1.627 | -3.0 | 120 | 0.00 |
| 47 | | 2-Chloronaphthalene | 1.186 | 1.226 | -3.4 | 120 | 0.00 |

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| | | Compound | AvgRF | CCRF | %Dev | Area% | Dev(min) |
|---|---|---|---|---|---|---|---|
| 48 | | 2-Nitroaniline | 0.332 | 0.365 | -9.9 | 125 | 0.00 |
| 49 | | Acenaphthylene | 1.952 | 2.032 | -4.1 | 121 | 0.00 |
| 50 | | Dimethylphthalate | 1.295 | 1.370 | -5.8 | 123 | 0.00 |
| 51 | | 2,6-Dinitrotoluene | 0.284 | 0.307 | -8.1 | 123 | 0.00 |
| 52 | C | Acenaphthene | 1.191 | 1.256 | -5.5 | 122 | 0.00 |
| 53 | | 3-Nitroaniline | 0.313 | 0.349 | -11.5 | 128 | 0.00 |
| 54 | P | 2,4-Dinitrophenol | 0.142 | 0.166 | -16.9 | 130 | 0.00 |
| 55 | | Dibenzofuran | 1.708 | 1.783 | -4.4 | 121 | 0.00 |
| 56 | P | 4-Nitrophenol | 0.214 | 0.246 | -15.0 | 131 | 0.00 |
| 57 | | 2,4-Dinitrotoluene | 0.378 | 0.420 | -11.1 | 127 | 0.00 |
| 58 | | Fluorene | 1.334 | 1.373 | -2.9 | 121 | 0.00 |
| 59 | | 2,3,4,6-Tetrachlorophenol | 0.326 | 0.344 | -5.5 | 122 | 0.00 |
| 60 | | Diethylphthalate | 1.269 | 1.361 | -7.2 | 124 | 0.00 |
| 61 | | 4-Chlorophenyl-phenylether | 0.636 | 0.648 | -1.9 | 120 | 0.00 |
| 62 | | 4-Nitroaniline | 0.286 | 0.329 | -15.0 | 134 | 0.00 |
| 63 | | Azobenzene | 1.134 | 1.187 | -4.7 | 122 | 0.00 |
| 64 | I | Phenanthrene-d10 | 1.000 | 1.000 | 0.0 | 114 | 0.00 |
| 65 | | 4,6-Dinitro-2-methylphenol | 0.121 | 0.138 | -14.0 | 132 | 0.00 |
| 66 | c | n-Nitrosodiphenylamine | 0.693 | 0.711 | -2.6 | 121 | 0.00 |
| 67 | | 4-Bromophenyl-phenylether | 0.228 | 0.240 | -5.3 | 125 | 0.00 |
| 68 | | Hexachlorobenzene | 0.253 | 0.264 | -4.3 | 125 | 0.00 |
| 69 | | Atrazine | 0.179 | 0.199 | -11.2 | 131 | 0.00 |
| 70 | C | Pentachlorophenol | 0.126 | 0.142 | -12.7 | 129 | 0.00 |
| 71 | | Phenanthrene | 1.083 | 1.122 | -3.6 | 124 | 0.00 |
| 72 | | Anthracene | 1.111 | 1.145 | -3.1 | 123 | 0.00 |
| 73 | | Carbazole | 0.959 | 1.009 | -5.2 | 128 | 0.00 |
| 74 | | Di-n-butylphthalate | 0.999 | 1.075 | -7.6 | 130 | 0.00 |
| 75 | C | Fluoranthene | 1.028 | 1.044 | -1.6 | 125 | 0.00 |
| 76 | I | Chrysene-d12 | 1.000 | 1.000 | 0.0 | 115 | 0.00 |
| 77 | | Benzidine | 0.751 | 0.806 | -7.3 | 120 | 0.00 |
| 78 | | Pyrene | 1.875 | 1.902 | -1.4 | 125 | 0.00 |
| 79 | S | Terphenyl-d14 | 1.447 | 1.406 | 2.8 | 122 | 0.00 |
| 80 | | Butylbenzylphthalate | 0.544 | 0.587 | -7.9 | 123 | 0.00 |
| 81 | | Benzo(a)anthracene | 1.349 | 1.414 | -4.8 | 128 | 0.00 |
| 82 | | 3,3'-Dichlorobenzidine | 0.438 | 0.472 | -7.8 | 127 | 0.00 |
| 83 | | Chrysene | 1.204 | 1.284 | -6.6 | 127 | 0.00 |
| 84 | | Bis(2-ethylhexyl)phthalate | 0.782 | 0.826 | -5.6 | 118 | 0.00 |
| 85 | c | Di-n-octyl phthalate | 1.475 | 1.519 | -3.0 | 119 | 0.00 |
| 86 | I | Perylene-d12 | 1.000 | 1.000 | 0.0 | 110 | 0.00 |
| 87 | | Indeno(1,2,3-cd)pyrene | 1.523 | 1.575 | -3.4 | 118 | 0.00 |
| 88 | | Benzo(b)fluoranthene | 1.157 | 1.271 | -9.9 | 131 | 0.00 |
| 89 | | Benzo(k)fluoranthene | 1.083 | 1.127 | -4.1 | 120 | 0.00 |
| 90 | C | Benzo(a)pyrene | 1.118 | 1.198 | -7.2 | 124 | 0.00 |
| 91 | | Dibenzo(a,h)anthracene | 1.238 | 1.269 | -2.5 | 119 | 0.00 |
| 92 | | Benzo(g,h,i)perylene | 1.234 | 1.268 | -2.8 | 118 | 0.00 |

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