# Evaluate Continuing Calibration Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082025\
Data File : BF143485.D
Acq On : 20 Aug 2025 15:16
Operator : RC/JU
Sample : SSTDICV040
Misc :
ALS Vial : 10 Sample Multiplier: 1

**Instrument :**
BNA_F
**ClientSampleId :**
ICVBF082025

Quant Time: Aug 20 16:24:07 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF082025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Aug 20 15:07:46 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 | 107 | 0.00 |
| 2 | | 1,4-Dioxane | 0.531 | 0.520 | 2.1 | 104 | 0.00 |
| 3 | | Pyridine | 1.413 | 1.427 | -1.0 | 106 | 0.00 |
| 4 | | n-Nitrosodimethylamine | 0.635 | 0.648 | -2.0 | 108 | -0.02 |
| 5 | S | 2-Fluorophenol | 1.145 | 1.142 | 0.3 | 107 | 0.00 |
| 6 | | Aniline | 1.890 | 1.912 | -1.2 | 108 | 0.00 |
| 7 | S | Phenol-d6 | 1.414 | 1.400 | 1.0 | 107 | -0.01 |
| 8 | | 2-Chlorophenol | 1.265 | 1.272 | -0.6 | 107 | 0.00 |
| 9 | | Benzaldehyde | 1.145 | 1.212 | -5.9 | 108 | 0.00 |
| 10 | C | Phenol | 1.629 | 1.653 | -1.5 | 107 | 0.00 |
| 11 | | bis(2-Chloroethyl)ether | 1.217 | 1.218 | -0.1 | 107 | 0.00 |
| 12 | | 1,3-Dichlorobenzene | 1.421 | 1.411 | 0.7 | 107 | 0.00 |
| 13 | C | 1,4-Dichlorobenzene | 1.426 | 1.406 | 1.4 | 107 | 0.00 |
| 14 | | 1,2-Dichlorobenzene | 1.350 | 1.342 | 0.6 | 107 | 0.00 |
| 15 | | Benzyl Alcohol | 1.059 | 1.090 | -2.9 | 108 | 0.00 |
| 16 | | 2,2'-oxybis(1-Chloropropane | 1.947 | 1.949 | -0.1 | 107 | 0.00 |
| 17 | | 2-Methylphenol | 1.015 | 1.033 | -1.8 | 109 | 0.00 |
| 18 | | Hexachloroethane | 0.485 | 0.492 | -1.4 | 107 | 0.00 |
| 19 | P | n-Nitroso-di-n-propylamine | 0.864 | 0.854 | 1.2 | 108 | -0.01 |
| 20 | | 3+4-Methylphenols | 1.212 | 1.229 | -1.4 | 108 | 0.00 |
| 21 | I | Naphthalene-d8 | 1.000 | 1.000 | 0.0 | 107 | 0.00 |
| 22 | | Acetophenone | 0.432 | 0.421 | 2.5 | 108 | 0.00 |
| 23 | S | Nitrobenzene-d5 | 0.343 | 0.345 | -0.6 | 108 | 0.00 |
| 24 | | Nitrobenzene | 0.353 | 0.358 | -1.4 | 108 | 0.00 |
| 25 | | Isophorone | 0.628 | 0.634 | -1.0 | 110 | 0.00 |
| 26 | C | 2-Nitrophenol | 0.173 | 0.180 | -4.0 | 109 | 0.00 |
| 27 | | 2,4-Dimethylphenol | 0.269 | 0.267 | 0.7 | 106 | 0.00 |
| 28 | | bis(2-Chloroethoxy)methane | 0.386 | 0.388 | -0.5 | 108 | 0.00 |
| 29 | C | 2,4-Dichlorophenol | 0.288 | 0.289 | -0.3 | 108 | 0.00 |
| 30 | | 1,2,4-Trichlorobenzene | 0.296 | 0.291 | 1.7 | 107 | 0.00 |
| 31 | | Naphthalene | 0.960 | 0.937 | 2.4 | 107 | 0.00 |
| 32 | | Benzoic acid | 0.137 | 0.155 | -13.1 | 115 | -0.02 |
| 33 | | 4-Chloroaniline | 0.341 | 0.343 | -0.6 | 107 | 0.00 |
| 34 | C | Hexachlorobutadiene | 0.193 | 0.191 | 1.0 | 107 | 0.00 |
| 35 | | Caprolactam | 0.069 | 0.077 | -11.6 | 117 | -0.02 |
| 36 | C | 4-Chloro-3-methylphenol | 0.288 | 0.292 | -1.4 | 109 | 0.00 |
| 37 | | 2-Methylnaphthalene | 0.641 | 0.623 | 2.8 | 106 | 0.00 |
| 38 | | 1-Methylnaphthalene | 0.613 | 0.602 | 1.8 | 107 | 0.00 |
| 39 | I | Acenaphthene-d10 | 1.000 | 1.000 | 0.0 | 109 | 0.00 |
| 40 | | 1,2,4,5-Tetrachlorobenzene | 0.572 | 0.555 | 3.0 | 107 | 0.00 |
| 41 | P | Hexachlorocyclopentadiene | 0.184 | 0.201 | -9.2 | 110 | 0.00 |
| 42 | S | 2,4,6-Tribromophenol | 0.186 | 0.188 | -1.1 | 109 | 0.00 |
| 43 | C | 2,4,6-Trichlorophenol | 0.352 | 0.362 | -2.8 | 108 | 0.00 |
| 44 | | 2,4,5-Trichlorophenol | 0.385 | 0.377 | 2.1 | 107 | 0.00 |
| 45 | S | 2-Fluorobiphenyl | 1.210 | 1.154 | 4.6 | 108 | 0.00 |
| 46 | | 1,1'-Biphenyl | 1.420 | 1.384 | 2.5 | 108 | 0.00 |
| 47 | | 2-Chloronaphthalene | 1.114 | 1.088 | 2.3 | 107 | 0.00 |

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| | | Compound | AvgRF | CCRF | %Dev | Area% | Dev(min) |
|---|---|---|---|---|---|---|---|
| 48 | | 2-Nitroaniline | 0.326 | 0.341 | -4.6 | 110 | 0.00 |
| 49 | | Acenaphthylene | 1.595 | 1.577 | 1.1 | 108 | 0.00 |
| 50 | | Dimethylphthalate | 1.205 | 1.233 | -2.3 | 112 | 0.00 |
| 51 | | 2,6-Dinitrotoluene | 0.250 | 0.265 | -6.0 | 111 | 0.00 |
| 52 | C | Acenaphthene | 1.083 | 1.081 | 0.2 | 109 | 0.00 |
| 53 | | 3-Nitroaniline | 0.270 | 0.287 | -6.3 | 112 | 0.00 |
| 54 | P | 2,4-Dinitrophenol | 0.115 | 0.137 | -19.1 | 125 | 0.00 |
| 55 | | Dibenzofuran | 1.544 | 1.506 | 2.5 | 107 | 0.00 |
| 56 | P | 4-Nitrophenol | 0.161 | 0.186 | -15.5 | 118 | 0.00 |
| 57 | | 2,4-Dinitrotoluene | 0.333 | 0.360 | -8.1 | 111 | 0.00 |
| 58 | | Fluorene | 1.188 | 1.156 | 2.7 | 108 | 0.00 |
| 59 | | 2,3,4,6-Tetrachlorophenol | 0.286 | 0.305 | -6.6 | 112 | 0.00 |
| 60 | | Diethylphthalate | 1.080 | 1.126 | -4.3 | 113 | 0.00 |
| 61 | | 4-Chlorophenyl-phenylether | 0.594 | 0.583 | 1.9 | 108 | 0.00 |
| 62 | | 4-Nitroaniline | 0.248 | 0.272 | -9.7 | 115 | 0.00 |
| 63 | | Azobenzene | 1.120 | 1.119 | 0.1 | 108 | 0.00 |
| 64 | I | Phenanthrene-d10 | 1.000 | 1.000 | 0.0 | 110 | 0.00 |
| 65 | | 4,6-Dinitro-2-methylphenol | 0.113 | 0.124 | -9.7 | 115 | 0.00 |
| 66 | c | n-Nitrosodiphenylamine | 0.644 | 0.631 | 2.0 | 109 | 0.00 |
| 67 | | 4-Bromophenyl-phenylether | 0.239 | 0.240 | -0.4 | 110 | 0.00 |
| 68 | | Hexachlorobenzene | 0.257 | 0.254 | 1.2 | 109 | 0.00 |
| 69 | | Atrazine | 0.166 | 0.181 | -9.0 | 119 | 0.00 |
| 70 | C | Pentachlorophenol | 0.118 | 0.129 | -9.3 | 115 | 0.00 |
| 71 | | Phenanthrene | 1.071 | 1.051 | 1.9 | 112 | 0.00 |
| 72 | | Anthracene | 1.085 | 1.068 | 1.6 | 110 | 0.00 |
| 73 | | Carbazole | 0.889 | 0.898 | -1.0 | 112 | 0.00 |
| 74 | | Di-n-butylphthalate | 0.829 | 0.902 | -8.8 | 117 | 0.00 |
| 75 | C | Fluoranthene | 0.961 | 0.967 | -0.6 | 113 | 0.00 |
| 76 | I | Chrysene-d12 | 1.000 | 1.000 | 0.0 | 116 | 0.00 |
| 77 | | Benzidine | 0.487 | 0.487 | 0.0 | 110 | 0.00 |
| 78 | | Pyrene | 1.645 | 1.600 | 2.7 | 114 | 0.00 |
| 79 | S | Terphenyl-d14 | 1.146 | 1.099 | 4.1 | 113 | 0.00 |
| 80 | | Butylbenzylphthalate | 0.449 | 0.467 | -4.0 | 116 | 0.00 |
| 81 | | Benzo(a)anthracene | 1.288 | 1.313 | -1.9 | 116 | 0.00 |
| 82 | | 3,3'-Dichlorobenzidine | 0.369 | 0.359 | 2.7 | 112 | 0.00 |
| 83 | | Chrysene | 1.157 | 1.120 | 3.2 | 117 | 0.00 |
| 84 | | Bis(2-ethylhexyl)phthalate | 0.685 | 0.667 | 2.6 | 109 | 0.00 |
| 85 | c | Di-n-octyl phthalate | 1.268 | 1.204 | 5.0 | 108 | 0.00 |
| 86 | I | Perylene-d12 | 1.000 | 1.000 | 0.0 | 106 | 0.00 |
| 87 | | Indeno(1,2,3-cd)pyrene | 1.437 | 1.411 | 1.8 | 103 | 0.00 |
| 88 | | Benzo(b)fluoranthene | 1.112 | 1.096 | 1.4 | 108 | 0.00 |
| 89 | | Benzo(k)fluoranthene | 1.064 | 1.091 | -2.5 | 107 | 0.00 |
| 90 | C | Benzo(a)pyrene | 1.032 | 1.037 | -0.5 | 106 | 0.00 |
| 91 | | Dibenzo(a,h)anthracene | 1.151 | 1.133 | 1.6 | 103 | -0.01 |
| 92 | | Benzo(g,h,i)perylene | 1.145 | 1.144 | 0.1 | 105 | -0.01 |

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