# Evaluate Continuing Calibration Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF112425\
Data File : BF144321.D
Acq On : 24 Nov 2025 13:40
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

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

Quant Time: Nov 25 00:21:23 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF110525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 05 18:37:33 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 | 82 | -0.01 |
| 2 | | 1,4-Dioxane | 0.528 | 0.554 | -4.9 | 82 | -0.04 |
| 3 | | Pyridine | 1.474 | 1.524 | -3.4 | 82 | -0.05 |
| 4 | | n-Nitrosodimethylamine | 0.770 | 0.720 | 6.5 | 76 | -0.05 |
| 5 | S | 2-Fluorophenol | 1.278 | 1.292 | -1.1 | 81 | -0.01 |
| 6 | | Aniline | 2.063 | 2.001 | 3.0 | 79 | 0.00 |
| 7 | S | Phenol-d6 | 1.448 | 1.393 | 3.8 | 78 | 0.00 |
| 8 | | 2-Chlorophenol | 1.253 | 1.269 | -1.3 | 81 | 0.00 |
| 9 | | Benzaldehyde | 0.818 | 0.862 | -5.4 | 87 | -0.01 |
| 10 | C | Phenol | 1.769 | 1.731 | 2.1 | 76 | 0.00 |
| 11 | | bis(2-Chloroethyl)ether | 1.289 | 1.288 | 0.1 | 80 | 0.00 |
| 12 | | 1,3-Dichlorobenzene | 1.547 | 1.538 | 0.6 | 82 | -0.01 |
| 13 | C | 1,4-Dichlorobenzene | 1.549 | 1.533 | 1.0 | 79 | -0.01 |
| 14 | | 1,2-Dichlorobenzene | 1.485 | 1.404 | 5.5 | 77 | -0.01 |
| 15 | | Benzyl Alcohol | 1.147 | 1.044 | 9.0 | 74 | -0.02 |
| 16 | | 2,2'-oxybis(1-Chloropropane | 2.374 | 2.416 | -1.8 | 82 | 0.00 |
| 17 | | 2-Methylphenol | 0.997 | 0.943 | 5.4 | 75 | 0.00 |
| 18 | | Hexachloroethane | 0.515 | 0.502 | 2.5 | 77 | -0.01 |
| 19 | P | n-Nitroso-di-n-propylamine | 0.953 | 0.814 | 14.6 | 70 | 0.00 |
| 20 | | 3+4-Methylphenols | 1.175 | 1.087 | 7.5 | 73 | -0.02 |
| 21 | I | Naphthalene-d8 | 1.000 | 1.000 | 0.0 | 76 | -0.01 |
| 22 | | Acetophenone | 0.429 | 0.426 | 0.7 | 75 | 0.00 |
| 23 | S | Nitrobenzene-d5 | 0.346 | 0.350 | -1.2 | 74 | 0.00 |
| 24 | | Nitrobenzene | 0.376 | 0.386 | -2.7 | 76 | 0.00 |
| 25 | | Isophorone | 0.655 | 0.649 | 0.9 | 74 | 0.00 |
| 26 | C | 2-Nitrophenol | 0.186 | 0.201 | -8.1 | 78 | -0.01 |
| 27 | | 2,4-Dimethylphenol | 0.279 | 0.291 | -4.3 | 74 | 0.00 |
| 28 | | bis(2-Chloroethoxy)methane | 0.409 | 0.419 | -2.4 | 76 | 0.00 |
| 29 | C | 2,4-Dichlorophenol | 0.322 | 0.326 | -1.2 | 75 | -0.01 |
| 30 | | 1,2,4-Trichlorobenzene | 0.330 | 0.333 | -0.9 | 75 | -0.01 |
| 31 | | Naphthalene | 0.951 | 0.974 | -2.4 | 77 | 0.00 |
| 32 | | Benzoic acid | 0.204 | 0.186 | 8.8 | 79 | -0.04 |
| 33 | | 4-Chloroaniline | 0.347 | 0.348 | -0.3 | 73 | -0.01 |
| 34 | C | Hexachlorobutadiene | 0.249 | 0.247 | 0.8 | 73 | -0.01 |
| 35 | | Caprolactam | 0.088 | 0.079 | 10.2 | 65 | -0.04 |
| 36 | C | 4-Chloro-3-methylphenol | 0.288 | 0.271 | 5.9 | 70 | 0.00 |
| 37 | | 2-Methylnaphthalene | 0.636 | 0.627 | 1.4 | 74 | -0.01 |
| 38 | | 1-Methylnaphthalene | 0.614 | 0.599 | 2.4 | 74 | -0.01 |
| 39 | I | Acenaphthene-d10 | 1.000 | 1.000 | 0.0 | 69 | -0.01 |
| 40 | | 1,2,4,5-Tetrachlorobenzene | 0.655 | 0.682 | -4.1 | 70 | 0.00 |
| 41 | P | Hexachlorocyclopentadiene | 0.195 | 0.188 | 3.6 | 65 | -0.02 |
| 42 | S | 2,4,6-Tribromophenol | 0.251 | 0.227 | 9.6 | 59 | 0.00 |
| 43 | C | 2,4,6-Trichlorophenol | 0.446 | 0.453 | -1.6 | 69 | -0.01 |
| 44 | | 2,4,5-Trichlorophenol | 0.481 | 0.473 | 1.7 | 67 | -0.01 |
| 45 | S | 2-Fluorobiphenyl | 1.354 | 1.377 | -1.7 | 71 | 0.00 |
| 46 | | 1,1'-Biphenyl | 1.396 | 1.458 | -4.4 | 72 | -0.01 |
| 47 | | 2-Chloronaphthalene | 1.191 | 1.222 | -2.6 | 70 | 0.00 |

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| | | Compound | AvgRF | CCRF | %Dev | Area% | Dev(min) |
|---|---|---|---|---|---|---|---|
| 48 | | 2-Nitroaniline | 0.344 | 0.334 | 2.9 | 64 | -0.01 |
| 49 | | Acenaphthylene | 1.623 | 1.647 | -1.5 | 69 | -0.01 |
| 50 | | Dimethylphthalate | 1.325 | 1.288 | 2.8 | 66 | -0.01 |
| 51 | | 2,6-Dinitrotoluene | 0.268 | 0.261 | 2.6 | 66 | 0.00 |
| 52 | C | Acenaphthene | 1.085 | 1.044 | 3.8 | 66 | -0.01 |
| 53 | | 3-Nitroaniline | 0.293 | 0.291 | 0.7 | 64 | -0.01 |
| 54 | P | 2,4-Dinitrophenol | 0.162 | 0.198 | -22.2 | 98 | -0.02 |
| 55 | | Dibenzofuran | 1.520 | 1.482 | 2.5 | 66 | 0.00 |
| 56 | P | 4-Nitrophenol | 0.212 | 0.201 | 5.2 | 68 | -0.01 |
| 57 | | 2,4-Dinitrotoluene | 0.359 | 0.348 | 3.1 | 63 | 0.00 |
| 58 | | Fluorene | 1.156 | 1.132 | 2.1 | 67 | -0.01 |
| 59 | | 2,3,4,6-Tetrachlorophenol | 0.340 | 0.317 | 6.8 | 61 | -0.01 |
| 60 | | Diethylphthalate | 1.221 | 1.191 | 2.5 | 66 | 0.00 |
| 61 | | 4-Chlorophenyl-phenylether | 0.658 | 0.638 | 3.0 | 65 | -0.01 |
| 62 | | 4-Nitroaniline | 0.279 | 0.265 | 5.0 | 64 | 0.00 |
| 63 | | Azobenzene | 1.137 | 1.108 | 2.6 | 66 | -0.01 |
| 64 | I | Phenanthrene-d10 | 1.000 | 1.000 | 0.0 | 64 | -0.01 |
| 65 | | 4,6-Dinitro-2-methylphenol | 0.136 | 0.130 | 4.4 | 63 | -0.02 |
| 66 | c | n-Nitrosodiphenylamine | 0.643 | 0.661 | -2.8 | 65 | 0.00 |
| 67 | | 4-Bromophenyl-phenylether | 0.255 | 0.252 | 1.2 | 61 | -0.01 |
| 68 | | Hexachlorobenzene | 0.301 | 0.293 | 2.7 | 62 | 0.00 |
| 69 | | Atrazine | 0.205 | 0.199 | 2.9 | 62 | -0.01 |
| 70 | C | Pentachlorophenol | 0.150 | 0.167 | -11.3 | 68 | -0.02 |
| 71 | | Phenanthrene | 0.996 | 1.013 | -1.7 | 64 | -0.01 |
| 72 | | Anthracene | 1.013 | 1.039 | -2.6 | 65 | -0.01 |
| 73 | | Carbazole | 0.861 | 0.899 | -4.4 | 65 | -0.01 |
| 74 | | Di-n-butylphthalate | 1.041 | 1.161 | -11.5 | 69 | -0.01 |
| 75 | C | Fluoranthene | 1.029 | 1.105 | -7.4 | 67 | -0.01 |
| 76 | I | Chrysene-d12 | 1.000 | 1.000 | 0.0 | 86 | 0.00 |
| 77 | | Benzidine | 0.592 | 0.585 | 1.2 | 81 | -0.02 |
| 78 | | Pyrene | 1.613 | 1.344 | 16.7 | 68 | -0.01 |
| 79 | S | Terphenyl-d14 | 1.259 | 1.056 | 16.1 | 69 | -0.01 |
| 80 | | Butylbenzylphthalate | 0.559 | 0.558 | 0.2 | 81 | -0.02 |
| 81 | | Benzo(a)anthracene | 1.386 | 1.377 | 0.6 | 83 | -0.01 |
| 82 | | 3,3'-Dichlorobenzidine | 0.475 | 0.473 | 0.4 | 84 | -0.02 |
| 83 | | Chrysene | 1.280 | 1.305 | -2.0 | 80 | -0.01 |
| 84 | | Bis(2-ethylhexyl)phthalate | 0.765 | 0.863 | -12.8 | 91 | -0.02 |
| 85 | c | Di-n-octyl phthalate | 1.320 | 1.571 | -19.0 | 96 | -0.02 |
| 86 | I | Perylene-d12 | 1.000 | 1.000 | 0.0 | 88 | -0.02 |
| 87 | | Indeno(1,2,3-cd)pyrene | 1.436 | 1.243 | 13.4 | 74 | 0.00 |
| 88 | | Benzo(b)fluoranthene | 1.137 | 1.158 | -1.8 | 83 | 0.00 |
| 89 | | Benzo(k)fluoranthene | 1.064 | 1.103 | -3.7 | 93 | 0.00 |
| 90 | C | Benzo(a)pyrene | 1.049 | 1.043 | 0.6 | 85 | -0.01 |
| 91 | | Dibenzo(a,h)anthracene | 1.153 | 1.020 | 11.5 | 75 | -0.01 |
| 92 | | Benzo(g,h,i)perylene | 1.139 | 0.918 | 19.4 | 68 | -0.01 |

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