# Evaluate Continuing Calibration Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG102725\
Data File : BG064583.D
Acq On : 27 Oct 2025 11:57
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

**Instrument :**
BNA_G
**LabSampleId :**
SSTDCCC040

Quant Time: Nov 04 01:18:51 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG102425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Nov 03 18:16:26 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 | 99 | 0.00 |
| 2 | | 1,4-Dioxane | 0.528 | 0.633 | -19.9 | 119 | 0.00 |
| 3 | | Pyridine | 1.584 | 2.455 | -55.0# | 145 | 0.00 |
| 4 | | n-Nitrosodimethylamine | 0.850 | 1.000 | -17.6 | 110 | 0.00 |
| 5 | S | 2-Fluorophenol | 1.192 | 1.450 | -21.6 | 111 | 0.00 |
| 6 | | Aniline | 2.225 | 2.744 | -23.3 | 114 | 0.00 |
| 7 | S | Phenol-d6 | 1.635 | 2.044 | -25.0# | 114 | 0.00 |
| 8 | | 2-Chlorophenol | 1.247 | 1.578 | -26.5# | 114 | 0.00 |
| 9 | | Benzaldehyde | 0.893 | 1.717 | -92.3# | 181# | 0.00 |
| 10 | C | Phenol | 1.808 | 2.253 | -24.6# | 115 | 0.00 |
| 11 | | bis(2-Chloroethyl)ether | 1.329 | 1.620 | -21.9 | 116 | 0.00 |
| 12 | | 1,3-Dichlorobenzene | 1.435 | 1.497 | -4.3 | 97 | 0.00 |
| 13 | C | 1,4-Dichlorobenzene | 1.460 | 1.518 | -4.0 | 98 | 0.00 |
| 14 | | 1,2-Dichlorobenzene | 1.408 | 1.461 | -3.8 | 97 | 0.00 |
| 15 | | Benzyl Alcohol | 1.348 | 1.452 | -7.7 | 101 | 0.00 |
| 16 | | 2,2'-oxybis(1-Chloropropane | 3.487 | 3.810 | -9.3 | 101 | 0.00 |
| 17 | | 2-Methylphenol | 1.201 | 1.301 | -8.3 | 101 | 0.00 |
| 18 | | Hexachloroethane | 0.512 | 0.530 | -3.5 | 97 | 0.00 |
| 19 | P | n-Nitroso-di-n-propylamine | 1.130 | 1.299 | -15.0 | 105 | 0.00 |
| 20 | | 3+4-Methylphenols | 1.688 | 1.798 | -6.5 | 98 | 0.00 |
| 21 | I | Naphthalene-d8 | 1.000 | 1.000 | 0.0 | 106 | 0.00 |
| 22 | | Acetophenone | 0.547 | 0.561 | -2.6 | 101 | 0.00 |
| 23 | S | Nitrobenzene-d5 | 0.333 | 0.335 | -0.6 | 94 | 0.00 |
| 24 | | Nitrobenzene | 0.362 | 0.371 | -2.5 | 95 | 0.00 |
| 25 | | Isophorone | 0.799 | 0.838 | -4.9 | 102 | 0.00 |
| 26 | C | 2-Nitrophenol | 0.121 | 0.114 | 5.8 | 88 | 0.00 |
| 27 | | 2,4-Dimethylphenol | 0.297 | 0.316 | -6.4 | 99 | 0.00 |
| 28 | | bis(2-Chloroethoxy)methane | 0.455 | 0.477 | -4.8 | 103 | 0.00 |
| 29 | C | 2,4-Dichlorophenol | 0.320 | 0.336 | -5.0 | 99 | 0.00 |
| 30 | | 1,2,4-Trichlorobenzene | 0.363 | 0.370 | -1.9 | 100 | 0.00 |
| 31 | | Naphthalene | 1.109 | 1.134 | -2.3 | 102 | 0.00 |
| 32 | | Benzoic acid | 0.207 | 0.176 | 15.0 | 83 | 0.00 |
| 33 | | 4-Chloroaniline | 0.431 | 0.451 | -4.6 | 104 | 0.00 |
| 34 | C | Hexachlorobutadiene | 0.284 | 0.289 | -1.8 | 102 | 0.00 |
| 35 | | Caprolactam | 0.123 | 0.118 | 4.1 | 93 | 0.00 |
| 36 | C | 4-Chloro-3-methylphenol | 0.384 | 0.401 | -4.4 | 99 | 0.00 |
| 37 | | 2-Methylnaphthalene | 0.814 | 0.842 | -3.4 | 103 | 0.00 |
| 38 | | 1-Methylnaphthalene | 0.806 | 0.823 | -2.1 | 102 | 0.00 |
| 39 | I | Acenaphthene-d10 | 1.000 | 1.000 | 0.0 | 105 | 0.00 |
| 40 | | 1,2,4,5-Tetrachlorobenzene | 0.671 | 0.671 | 0.0 | 100 | 0.00 |
| 41 | P | Hexachlorocyclopentadiene | 0.302 | 0.278 | 7.9 | 90 | 0.00 |
| 42 | S | 2,4,6-Tribromophenol | 0.289 | 0.288 | 0.3 | 95 | 0.00 |
| 43 | C | 2,4,6-Trichlorophenol | 0.384 | 0.396 | -3.1 | 98 | 0.00 |
| 44 | | 2,4,5-Trichlorophenol | 0.443 | 0.454 | -2.5 | 98 | 0.00 |
| 45 | S | 2-Fluorobiphenyl | 1.319 | 1.332 | -1.0 | 101 | 0.00 |
| 46 | | 1,1'-Biphenyl | 1.422 | 1.458 | -2.5 | 102 | 0.00 |
| 47 | | 2-Chloronaphthalene | 1.073 | 1.098 | -2.3 | 101 | 0.00 |

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| | | Compound | AvgRF | CCRF | %Dev | Area% | Dev(min) |
|---|---|---|---|---|---|---|---|
| 48 | | 2-Nitroaniline | 0.311 | 0.299 | 3.9 | 90 | 0.00 |
| 49 | | Acenaphthylene | 1.693 | 1.726 | -1.9 | 101 | 0.00 |
| 50 | | Dimethylphthalate | 1.530 | 1.534 | -0.3 | 98 | 0.00 |
| 51 | | 2,6-Dinitrotoluene | 0.218 | 0.217 | 0.5 | 92 | 0.00 |
| 52 | C | Acenaphthene | 1.157 | 1.176 | -1.6 | 101 | 0.00 |
| 53 | | 3-Nitroaniline | 0.263 | 0.266 | -1.1 | 95 | 0.00 |
| 54 | P | 2,4-Dinitrophenol | 0.132 | 0.132 | 0.0 | 101 | 0.00 |
| 55 | | Dibenzofuran | 1.870 | 1.902 | -1.7 | 101 | 0.00 |
| 56 | P | 4-Nitrophenol | 0.244 | 0.236 | 3.3 | 95 | 0.00 |
| 57 | | 2,4-Dinitrotoluene | 0.340 | 0.332 | 2.4 | 90 | 0.00 |
| 58 | | Fluorene | 1.460 | 1.460 | 0.0 | 100 | 0.00 |
| 59 | | 2,3,4,6-Tetrachlorophenol | 0.424 | 0.435 | -2.6 | 98 | 0.00 |
| 60 | | Diethylphthalate | 1.563 | 1.538 | 1.6 | 97 | 0.00 |
| 61 | | 4-Chlorophenyl-phenylether | 0.820 | 0.816 | 0.5 | 99 | 0.00 |
| 62 | | 4-Nitroaniline | 0.293 | 0.301 | -2.7 | 96 | 0.00 |
| 63 | | Azobenzene | 1.434 | 1.481 | -3.3 | 101 | 0.00 |
| 64 | I | Phenanthrene-d10 | 1.000 | 1.000 | 0.0 | 104 | 0.00 |
| 65 | | 4,6-Dinitro-2-methylphenol | 0.079 | 0.080 | -1.3 | 100 | 0.00 |
| 66 | c | n-Nitrosodiphenylamine | 0.540 | 0.565 | -4.6 | 100 | 0.00 |
| 67 | | 4-Bromophenyl-phenylether | 0.237 | 0.247 | -4.2 | 99 | 0.00 |
| 68 | | Hexachlorobenzene | 0.270 | 0.278 | -3.0 | 98 | 0.00 |
| 69 | | Atrazine | 0.232 | 0.221 | 4.7 | 93 | 0.00 |
| 70 | C | Pentachlorophenol | 0.169 | 0.169 | 0.0 | 97 | 0.00 |
| 71 | | Phenanthrene | 1.094 | 1.114 | -1.8 | 99 | 0.00 |
| 72 | | Anthracene | 1.113 | 1.141 | -2.5 | 100 | 0.00 |
| 73 | | Carbazole | 0.981 | 0.995 | -1.4 | 100 | 0.00 |
| 74 | | Di-n-butylphthalate | 1.134 | 1.104 | 2.6 | 92 | 0.00 |
| 75 | C | Fluoranthene | 1.370 | 1.371 | -0.1 | 99 | 0.00 |
| 76 | I | Chrysene-d12 | 1.000 | 1.000 | 0.0 | 104 | 0.00 |
| 77 | | Benzidine | 0.448 | 0.671 | -49.8# | 143 | 0.00 |
| 78 | | Pyrene | 1.307 | 1.325 | -1.4 | 98 | 0.00 |
| 79 | S | Terphenyl-d14 | 1.060 | 1.069 | -0.8 | 98 | 0.00 |
| 80 | | Butylbenzylphthalate | 0.395 | 0.419 | -6.1 | 97 | 0.00 |
| 81 | | Benzo(a)anthracene | 1.326 | 1.373 | -3.5 | 101 | 0.00 |
| 82 | | 3,3'-Dichlorobenzidine | 0.443 | 0.452 | -2.0 | 99 | 0.00 |
| 83 | | Chrysene | 1.262 | 1.294 | -2.5 | 101 | 0.00 |
| 84 | | Bis(2-ethylhexyl)phthalate | 0.590 | 0.622 | -5.4 | 97 | 0.00 |
| 85 | c | Di-n-octyl phthalate | 0.995 | 1.040 | -4.5 | 100 | 0.00 |
| 86 | I | Perylene-d12 | 1.000 | 1.000 | 0.0 | 105 | 0.00 |
| 87 | | Indeno(1,2,3-cd)pyrene | 1.471 | 1.523 | -3.5 | 102 | 0.00 |
| 88 | | Benzo(b)fluoranthene | 1.226 | 1.264 | -3.1 | 101 | 0.00 |
| 89 | | Benzo(k)fluoranthene | 1.227 | 1.298 | -5.8 | 106 | 0.00 |
| 90 | C | Benzo(a)pyrene | 1.127 | 1.172 | -4.0 | 103 | 0.00 |
| 91 | | Dibenzo(a,h)anthracene | 1.195 | 1.242 | -3.9 | 103 | 0.00 |
| 92 | | Benzo(g,h,i)perylene | 1.142 | 1.171 | -2.5 | 102 | 0.00 |

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(#) = Out of Range SPCC's out = 0 CCC's out = 1