# Evaluate Continuing Calibration Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG111325\
Data File : BG064756.D
Acq On : 13 Nov 2025 14:35
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

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

Quant Time: Nov 13 15:42:14 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG111225.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 12 17:10:56 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 | 117 | 0.00 |
| 2 | | 1,4-Dioxane | 0.443 | 0.450 | -1.6 | 113 | 0.00 |
| 3 | | Pyridine | 1.321 | 1.330 | -0.7 | 115 | 0.00 |
| 4 | | n-Nitrosodimethylamine | 0.672 | 0.651 | 3.1 | 111 | 0.00 |
| 5 | S | 2-Fluorophenol | 1.145 | 1.131 | 1.2 | 114 | 0.00 |
| 6 | | Aniline | 2.030 | 2.080 | -2.5 | 116 | 0.00 |
| 7 | S | Phenol-d6 | 1.523 | 1.539 | -1.1 | 114 | 0.00 |
| 8 | | 2-Chlorophenol | 1.258 | 1.295 | -2.9 | 117 | 0.00 |
| 9 | | Benzaldehyde | 0.997 | 0.963 | 3.4 | 110 | 0.00 |
| 10 | C | Phenol | 1.657 | 1.683 | -1.6 | 116 | 0.00 |
| 11 | | bis(2-Chloroethyl)ether | 1.179 | 1.218 | -3.3 | 116 | 0.00 |
| 12 | | 1,3-Dichlorobenzene | 1.447 | 1.448 | -0.1 | 114 | 0.00 |
| 13 | C | 1,4-Dichlorobenzene | 1.474 | 1.478 | -0.3 | 116 | 0.00 |
| 14 | | 1,2-Dichlorobenzene | 1.429 | 1.438 | -0.6 | 115 | 0.00 |
| 15 | | Benzyl Alcohol | 1.250 | 1.277 | -2.2 | 115 | 0.00 |
| 16 | | 2,2'-oxybis(1-Chloropropane | 2.792 | 2.835 | -1.5 | 118 | 0.00 |
| 17 | | 2-Methylphenol | 1.173 | 1.196 | -2.0 | 115 | 0.00 |
| 18 | | Hexachloroethane | 0.558 | 0.545 | 2.3 | 114 | 0.00 |
| 19 | P | n-Nitroso-di-n-propylamine | 1.030 | 1.080 | -4.9 | 116 | 0.00 |
| 20 | | 3+4-Methylphenols | 1.607 | 1.614 | -0.4 | 115 | 0.00 |
| 21 | I | Naphthalene-d8 | 1.000 | 1.000 | 0.0 | 115 | 0.00 |
| 22 | | Acetophenone | 0.545 | 0.557 | -2.2 | 115 | 0.00 |
| 23 | S | Nitrobenzene-d5 | 0.405 | 0.405 | 0.0 | 113 | 0.00 |
| 24 | | Nitrobenzene | 0.409 | 0.423 | -3.4 | 118 | 0.00 |
| 25 | | Isophorone | 0.770 | 0.773 | -0.4 | 116 | 0.00 |
| 26 | C | 2-Nitrophenol | 0.184 | 0.189 | -2.7 | 113 | 0.00 |
| 27 | | 2,4-Dimethylphenol | 0.327 | 0.339 | -3.7 | 118 | 0.00 |
| 28 | | bis(2-Chloroethoxy)methane | 0.423 | 0.434 | -2.6 | 118 | 0.00 |
| 29 | C | 2,4-Dichlorophenol | 0.351 | 0.364 | -3.7 | 115 | 0.00 |
| 30 | | 1,2,4-Trichlorobenzene | 0.423 | 0.420 | 0.7 | 114 | 0.00 |
| 31 | | Naphthalene | 1.134 | 1.123 | 1.0 | 113 | 0.00 |
| 32 | | Benzoic acid | 0.205 | 0.203 | 1.0 | 115 | 0.00 |
| 33 | | 4-Chloroaniline | 0.454 | 0.461 | -1.5 | 113 | 0.00 |
| 34 | C | Hexachlorobutadiene | 0.363 | 0.358 | 1.4 | 113 | 0.00 |
| 35 | | Caprolactam | 0.105 | 0.103 | 1.9 | 115 | 0.00 |
| 36 | C | 4-Chloro-3-methylphenol | 0.390 | 0.391 | -0.3 | 116 | 0.00 |
| 37 | | 2-Methylnaphthalene | 0.848 | 0.841 | 0.8 | 115 | 0.00 |
| 38 | | 1-Methylnaphthalene | 0.843 | 0.824 | 2.3 | 114 | 0.00 |
| 39 | I | Acenaphthene-d10 | 1.000 | 1.000 | 0.0 | 114 | 0.00 |
| 40 | | 1,2,4,5-Tetrachlorobenzene | 0.778 | 0.773 | 0.6 | 113 | 0.00 |
| 41 | P | Hexachlorocyclopentadiene | 0.558 | 0.566 | -1.4 | 115 | 0.00 |
| 42 | S | 2,4,6-Tribromophenol | 0.390 | 0.387 | 0.8 | 114 | 0.00 |
| 43 | C | 2,4,6-Trichlorophenol | 0.457 | 0.468 | -2.4 | 114 | 0.00 |
| 44 | | 2,4,5-Trichlorophenol | 0.512 | 0.526 | -2.7 | 115 | 0.00 |
| 45 | S | 2-Fluorobiphenyl | 1.433 | 1.435 | -0.1 | 115 | 0.00 |
| 46 | | 1,1'-Biphenyl | 1.436 | 1.440 | -0.3 | 115 | 0.00 |
| 47 | | 2-Chloronaphthalene | 1.132 | 1.110 | 1.9 | 113 | 0.00 |

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Misc :
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**Instrument :**
BNA_G
**LabSampleId :**
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Max. RRF Dev : 25% Max. Rel. Area : 150%

| | | Compound | AvgRF | CCRF | %Dev | Area% | Dev(min) |
|---|---|---|---|---|---|---|---|
| 48 | | 2-Nitroaniline | 0.364 | 0.366 | -0.5 | 112 | 0.00 |
| 49 | | Acenaphthylene | 1.933 | 1.930 | 0.2 | 114 | 0.00 |
| 50 | | Dimethylphthalate | 1.580 | 1.576 | 0.3 | 116 | 0.00 |
| 51 | | 2,6-Dinitrotoluene | 0.304 | 0.316 | -3.9 | 118 | 0.00 |
| 52 | C | Acenaphthene | 1.159 | 1.191 | -2.8 | 116 | 0.00 |
| 53 | | 3-Nitroaniline | 0.300 | 0.315 | -5.0 | 117 | 0.00 |
| 54 | P | 2,4-Dinitrophenol | 0.158 | 0.168 | -6.3 | 113 | 0.00 |
| 55 | | Dibenzofuran | 1.916 | 1.896 | 1.0 | 116 | 0.00 |
| 56 | P | 4-Nitrophenol | 0.238 | 0.242 | -1.7 | 114 | 0.00 |
| 57 | | 2,4-Dinitrotoluene | 0.456 | 0.482 | -5.7 | 119 | 0.00 |
| 58 | | Fluorene | 1.503 | 1.475 | 1.9 | 114 | 0.00 |
| 59 | | 2,3,4,6-Tetrachlorophenol | 0.506 | 0.525 | -3.8 | 119 | 0.00 |
| 60 | | Diethylphthalate | 1.513 | 1.532 | -1.3 | 117 | 0.00 |
| 61 | | 4-Chlorophenyl-phenylether | 0.902 | 0.902 | 0.0 | 117 | 0.00 |
| 62 | | 4-Nitroaniline | 0.311 | 0.324 | -4.2 | 115 | 0.00 |
| 63 | | Azobenzene | 1.259 | 1.254 | 0.4 | 116 | 0.00 |
| 64 | I | Phenanthrene-d10 | 1.000 | 1.000 | 0.0 | 114 | 0.00 |
| 65 | | 4,6-Dinitro-2-methylphenol | 0.111 | 0.123 | -10.8 | 119 | 0.00 |
| 66 | c | n-Nitrosodiphenylamine | 0.524 | 0.550 | -5.0 | 116 | 0.00 |
| 67 | | 4-Bromophenyl-phenylether | 0.263 | 0.273 | -3.8 | 115 | 0.00 |
| 68 | | Hexachlorobenzene | 0.318 | 0.328 | -3.1 | 117 | 0.00 |
| 69 | | Atrazine | 0.253 | 0.255 | -0.8 | 114 | 0.00 |
| 70 | C | Pentachlorophenol | 0.157 | 0.168 | -7.0 | 119 | 0.00 |
| 71 | | Phenanthrene | 1.094 | 1.107 | -1.2 | 115 | 0.00 |
| 72 | | Anthracene | 1.116 | 1.128 | -1.1 | 115 | 0.00 |
| 73 | | Carbazole | 0.959 | 0.957 | 0.2 | 112 | 0.00 |
| 74 | | Di-n-butylphthalate | 1.070 | 1.087 | -1.6 | 115 | 0.00 |
| 75 | C | Fluoranthene | 1.496 | 1.486 | 0.7 | 113 | 0.00 |
| 76 | I | Chrysene-d12 | 1.000 | 1.000 | 0.0 | 106 | 0.00 |
| 77 | | Benzidine | 0.599 | 0.546 | 8.8 | 103 | 0.00 |
| 78 | | Pyrene | 1.121 | 1.181 | -5.4 | 113 | 0.00 |
| 79 | S | Terphenyl-d14 | 1.017 | 1.067 | -4.9 | 112 | 0.00 |
| 80 | | Butylbenzylphthalate | 0.394 | 0.404 | -2.5 | 110 | 0.00 |
| 81 | | Benzo(a)anthracene | 1.360 | 1.363 | -0.2 | 105 | 0.00 |
| 82 | | 3,3'-Dichlorobenzidine | 0.501 | 0.488 | 2.6 | 100 | 0.00 |
| 83 | | Chrysene | 1.282 | 1.292 | -0.8 | 105 | 0.00 |
| 84 | | Bis(2-ethylhexyl)phthalate | 0.576 | 0.582 | -1.0 | 106 | 0.00 |
| 85 | c | Di-n-octyl phthalate | 0.996 | 0.995 | 0.1 | 102 | 0.00 |
| 86 | I | Perylene-d12 | 1.000 | 1.000 | 0.0 | 100 | 0.00 |
| 87 | | Indeno(1,2,3-cd)pyrene | 1.374 | 1.421 | -3.4 | 101 | 0.00 |
| 88 | | Benzo(b)fluoranthene | 1.273 | 1.277 | -0.3 | 99 | 0.00 |
| 89 | | Benzo(k)fluoranthene | 1.279 | 1.262 | 1.3 | 101 | 0.00 |
| 90 | C | Benzo(a)pyrene | 1.181 | 1.176 | 0.4 | 99 | 0.00 |
| 91 | | Dibenzo(a,h)anthracene | 1.126 | 1.168 | -3.7 | 101 | 0.00 |
| 92 | | Benzo(g,h,i)perylene | 1.083 | 1.119 | -3.3 | 101 | 0.00 |

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|---|---|---|---|---|---|

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