# Evaluate Continuing Calibration Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF110123\
Data File : BF136068.D
Acq On : 01 Nov 2023 10:49
Operator : CG\JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

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

Quant Time: Nov 01 22:37:04 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF103023.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Oct 31 01:13:02 2023
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 | 96 | 0.00 |
| 2 | | 1,4-Dioxane | 0.554 | 0.531 | 4.2 | 93 | 0.00 |
| 3 | | Pyridine | 1.513 | 1.454 | 3.9 | 94 | 0.00 |
| 4 | | n-Nitrosodimethylamine | 0.632 | 0.617 | 2.4 | 95 | 0.00 |
| 5 | S | 2-Fluorophenol | 1.273 | 1.233 | 3.1 | 95 | 0.00 |
| 6 | | Aniline | 2.053 | 2.004 | 2.4 | 96 | 0.00 |
| 7 | S | Phenol-d6 | 1.586 | 1.547 | 2.5 | 95 | 0.00 |
| 8 | | 2-Chlorophenol | 1.361 | 1.325 | 2.6 | 94 | 0.00 |
| 9 | | Benzaldehyde | 0.884 | 0.871 | 1.5 | 97 | 0.00 |
| 10 | C | Phenol | 1.640 | 1.647 | -0.4 | 97 | 0.00 |
| 11 | | bis(2-Chloroethyl)ether | 1.284 | 1.264 | 1.6 | 97 | 0.00 |
| 12 | | 1,3-Dichlorobenzene | 1.416 | 1.382 | 2.4 | 96 | 0.00 |
| 13 | C | 1,4-Dichlorobenzene | 1.419 | 1.388 | 2.2 | 96 | 0.00 |
| 14 | | 1,2-Dichlorobenzene | 1.327 | 1.298 | 2.2 | 96 | 0.00 |
| 15 | | Benzyl Alcohol | 1.124 | 1.132 | -0.7 | 97 | 0.00 |
| 16 | | 2,2'-oxybis(1-Chloropropane | 1.767 | 1.761 | 0.3 | 97 | 0.00 |
| 17 | | 2-Methylphenol | 1.154 | 1.152 | 0.2 | 98 | 0.00 |
| 18 | | Hexachloroethane | 0.499 | 0.491 | 1.6 | 96 | 0.00 |
| 19 | P | n-Nitroso-di-n-propylamine | 0.906 | 0.884 | 2.4 | 97 | 0.00 |
| 20 | | 3+4-Methylphenols | 1.408 | 1.362 | 3.3 | 94 | 0.00 |
| 21 | I | Naphthalene-d8 | 1.000 | 1.000 | 0.0 | 97 | 0.00 |
| 22 | | Acetophenone | 0.443 | 0.438 | 1.1 | 96 | 0.00 |
| 23 | S | Nitrobenzene-d5 | 0.332 | 0.351 | -5.7 | 100 | 0.00 |
| 24 | | Nitrobenzene | 0.336 | 0.350 | -4.2 | 98 | 0.00 |
| 25 | | Isophorone | 0.626 | 0.641 | -2.4 | 99 | 0.00 |
| 26 | C | 2-Nitrophenol | 0.153 | 0.177 | -15.7 | 102 | 0.00 |
| 27 | | 2,4-Dimethylphenol | 0.289 | 0.299 | -3.5 | 98 | 0.00 |
| 28 | | bis(2-Chloroethoxy)methane | 0.384 | 0.391 | -1.8 | 98 | 0.00 |
| 29 | C | 2,4-Dichlorophenol | 0.273 | 0.282 | -3.3 | 97 | 0.00 |
| 30 | | 1,2,4-Trichlorobenzene | 0.298 | 0.303 | -1.7 | 97 | 0.00 |
| 31 | | Naphthalene | 0.964 | 0.969 | -0.5 | 97 | 0.00 |
| 32 | | Benzoic acid | 0.213 | 0.236 | -10.8 | 102 | 0.00 |
| 33 | | 4-Chloroaniline | 0.422 | 0.430 | -1.9 | 98 | 0.00 |
| 34 | C | Hexachlorobutadiene | 0.171 | 0.175 | -2.3 | 98 | 0.00 |
| 35 | | Caprolactam | 0.089 | 0.092 | -3.4 | 97 | 0.00 |
| 36 | C | 4-Chloro-3-methylphenol | 0.286 | 0.293 | -2.4 | 97 | 0.00 |
| 37 | | 2-Methylnaphthalene | 0.647 | 0.658 | -1.7 | 97 | 0.00 |
| 38 | | 1-Methylnaphthalene | 0.602 | 0.616 | -2.3 | 98 | 0.00 |
| 39 | I | Acenaphthene-d10 | 1.000 | 1.000 | 0.0 | 98 | 0.00 |
| 40 | | 1,2,4,5-Tetrachlorobenzene | 0.570 | 0.588 | -3.2 | 100 | 0.00 |
| 41 | P | Hexachlorocyclopentadiene | 0.305 | 0.320 | -4.9 | 98 | 0.00 |
| 42 | S | 2,4,6-Tribromophenol | 0.213 | 0.220 | -3.3 | 98 | 0.00 |
| 43 | C | 2,4,6-Trichlorophenol | 0.372 | 0.386 | -3.8 | 98 | 0.00 |
| 44 | | 2,4,5-Trichlorophenol | 0.431 | 0.455 | -5.6 | 102 | 0.00 |
| 45 | S | 2-Fluorobiphenyl | 1.255 | 1.229 | 2.1 | 98 | 0.00 |
| 46 | | 1,1'-Biphenyl | 1.525 | 1.541 | -1.0 | 98 | 0.00 |
| 47 | | 2-Chloronaphthalene | 1.124 | 1.144 | -1.8 | 99 | 0.00 |

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|---|---|---|---|---|---|---|---|
| 48 | | 2-Nitroaniline | 0.333 | 0.358 | -7.5 | 98 | 0.00 |
| 49 | | Acenaphthylene | 1.753 | 1.776 | -1.3 | 98 | 0.00 |
| 50 | | Dimethylphthalate | 1.319 | 1.364 | -3.4 | 101 | 0.00 |
| 51 | | 2,6-Dinitrotoluene | 0.282 | 0.306 | -8.5 | 100 | 0.00 |
| 52 | C | Acenaphthene | 1.115 | 1.126 | -1.0 | 98 | 0.00 |
| 53 | | 3-Nitroaniline | 0.329 | 0.348 | -5.8 | 99 | 0.00 |
| 54 | P | 2,4-Dinitrophenol | 0.123 | 0.139 | -13.0 | 105 | 0.00 |
| 55 | | Dibenzofuran | 1.625 | 1.644 | -1.2 | 98 | 0.00 |
| 56 | P | 4-Nitrophenol | 0.246 | 0.257 | -4.5 | 96 | 0.00 |
| 57 | | 2,4-Dinitrotoluene | 0.357 | 0.396 | -10.9 | 101 | 0.01 |
| 58 | | Fluorene | 1.217 | 1.206 | 0.9 | 98 | 0.00 |
| 59 | | 2,3,4,6-Tetrachlorophenol | 0.342 | 0.352 | -2.9 | 98 | 0.00 |
| 60 | | Diethylphthalate | 1.260 | 1.302 | -3.3 | 99 | 0.00 |
| 61 | | 4-Chlorophenyl-phenylether | 0.607 | 0.607 | 0.0 | 99 | 0.00 |
| 62 | | 4-Nitroaniline | 0.317 | 0.333 | -5.0 | 97 | 0.00 |
| 63 | | Azobenzene | 1.214 | 1.241 | -2.2 | 99 | 0.00 |
| 64 | I | Phenanthrene-d10 | 1.000 | 1.000 | 0.0 | 96 | 0.00 |
| 65 | | 4,6-Dinitro-2-methylphenol | 0.099 | 0.117 | -18.2 | 103 | 0.00 |
| 66 | c | n-Nitrosodiphenylamine | 0.603 | 0.642 | -6.5 | 99 | 0.00 |
| 67 | | 4-Bromophenyl-phenylether | 0.210 | 0.230 | -9.5 | 100 | 0.00 |
| 68 | | Hexachlorobenzene | 0.224 | 0.242 | -8.0 | 99 | 0.00 |
| 69 | | Atrazine | 0.164 | 0.169 | -3.0 | 98 | 0.00 |
| 70 | C | Pentachlorophenol | 0.144 | 0.157 | -9.0 | 97 | 0.00 |
| 71 | | Phenanthrene | 1.007 | 1.043 | -3.6 | 96 | 0.00 |
| 72 | | Anthracene | 1.032 | 1.076 | -4.3 | 97 | 0.00 |
| 73 | | Carbazole | 0.897 | 0.921 | -2.7 | 94 | 0.00 |
| 74 | | Di-n-butylphthalate | 1.025 | 1.094 | -6.7 | 98 | 0.00 |
| 75 | C | Fluoranthene | 1.035 | 1.055 | -1.9 | 94 | 0.00 |
| 76 | I | Chrysene-d12 | 1.000 | 1.000 | 0.0 | 90 | 0.00 |
| 77 | | Benzidine | 0.390 | 0.462 | -18.5 | 89 | 0.00 |
| 78 | | Pyrene | 1.763 | 1.930 | -9.5 | 92 | 0.00 |
| 79 | S | Terphenyl-d14 | 1.287 | 1.379 | -7.1 | 91 | 0.00 |
| 80 | | Butylbenzylphthalate | 0.631 | 0.694 | -10.0 | 93 | 0.00 |
| 81 | | Benzo(a)anthracene | 1.324 | 1.347 | -1.7 | 87 | 0.00 |
| 82 | | 3,3'-Dichlorobenzidine | 0.423 | 0.459 | -8.5 | 91 | 0.00 |
| 83 | | Chrysene | 1.304 | 1.327 | -1.8 | 88 | 0.00 |
| 84 | | Bis(2-ethylhexyl)phthalate | 0.735 | 0.783 | -6.5 | 90 | 0.00 |
| 85 | c | Di-n-octyl phthalate | 1.102 | 1.214 | -10.2 | 95 | 0.00 |
| 86 | I | Perylene-d12 | 1.000 | 1.000 | 0.0 | 95 | 0.01 |
| 87 | | Indeno(1,2,3-cd)pyrene | 1.307 | 1.482 | -13.4 | 98 | 0.02 |
| 88 | | Benzo(b)fluoranthene | 1.183 | 1.160 | 1.9 | 94 | 0.01 |
| 89 | | Benzo(k)fluoranthene | 1.171 | 1.149 | 1.9 | 93 | 0.01 |
| 90 | C | Benzo(a)pyrene | 1.100 | 1.125 | -2.3 | 96 | 0.02 |
| 91 | | Dibenzo(a,h)anthracene | 1.071 | 1.217 | -13.6 | 98 | 0.02 |
| 92 | | Benzo(g,h,i)perylene | 1.105 | 1.249 | -13.0 | 96 | 0.03 |

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