# Evaluate Continuing Calibration Report

Data Path : Z:\svoasrv\HPCHEM1\BNA N\Data\BN032119\
Data File : BN004888.D
Acq On : 22 Mar 2019 14:13
Operator : JU/SJ
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

**Instrument :** BNA_N
**LabSampleId :** SSTDCCC0.4

Quant Time: Mar 22 22:49:27 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN032019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Mar 20 16:06:20 2019
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 | 199# | 0.00 |
| 2 | | 1,4-Dioxane | 0.455 | 0.384 | 15.6 | 167# | 0.00 |
| 3 | | n-Nitrosodimethylamine | 0.269 | 0.245 | 8.9 | 196# | 0.00 |
| 4 | S | 2-Fluorophenol | 1.087 | 1.088 | -0.1 | 196# | 0.00 |
| 5 | S | Phenol-d6 | 1.354 | 1.474 | -8.9 | 219# | 0.00 |
| 6 | | bis(2-Chloroethyl)ether | 1.221 | 1.266 | -3.7 | 212# | 0.00 |
| 7 | I | Naphthalene-d8 | 1.000 | 1.000 | 0.0 | 221# | -0.01 |
| 8 | S | Nitrobenzene-d5 | 0.265 | 0.262 | 1.1 | 221# | -0.01 |
| 9 | | Naphthalene | 1.122 | 1.144 | -2.0 | 223# | -0.01 |
| 10 | | Hexachlorobutadiene | 0.214 | 0.210 | 1.9 | 215# | -0.01 |
| 11 | SURR | 2-Methylnaphthalene-d10 | 0.698 | 0.697 | 0.1 | 221# | 0.00 |
| 12 | | 2-Methylnaphthalene | 0.833 | 0.846 | -1.6 | 223# | 0.00 |
| 13 | I | Acenaphthene-d10 | 1.000 | 1.000 | 0.0 | 207# | -0.01 |
| 14 | S | 2,4,6-Tribromophenol | 0.276 | 0.233 | 15.6 | 186# | 0.00 |
| 15 | S | 2-Fluorobiphenyl | 1.653 | 1.694 | -2.5 | 209# | -0.01 |
| 16 | | Acenaphthylene | 2.060 | 2.154 | -4.6 | 228# | -0.01 |
| 17 | | Acenaphthene | 1.349 | 1.392 | -3.2 | 212# | 0.00 |
| 18 | | Fluorene | 1.883 | 1.836 | 2.5 | 198# | 0.00 |
| 19 | I | Phenanthrene-d10 | 1.000 | 1.000 | 0.0 | 188# | 0.00 |
| 20 | | 4-Bromophenyl-phenylether | 0.261 | 0.261 | 0.0 | 190# | 0.00 |
| 21 | | Hexachlorobenzene | 0.299 | 0.298 | 0.3 | 186# | 0.00 |
| 22 | | Pentachlorophenol | 0.058 | 0.035 | 39.7# | 131 | 0.03 |
| 23 | | Phenanthrene | 1.292 | 1.302 | -0.8 | 188# | 0.00 |
| 24 | | Anthracene | 1.154 | 1.171 | -1.5 | 195# | 0.00 |
| 25 | SURR | Fluoranthene-d10 | 1.339 | 1.289 | 3.7 | 183# | 0.00 |
| 26 | | Fluoranthene | 1.660 | 1.628 | 1.9 | 184# | 0.00 |
| 27 | I | Chrysene-d12 | 1.000 | 1.000 | 0.0 | 177# | 0.00 |
| 28 | | Pyrene | 1.220 | 1.294 | -6.1 | 184# | 0.00 |
| 29 | S | Terphenyl-d14 | 0.819 | 0.818 | 0.1 | 174# | 0.00 |
| 30 | | Benzo(a)anthracene | 1.312 | 1.388 | -5.8 | 190# | -0.01 |
| 31 | | Chrysene | 1.382 | 1.408 | -1.9 | 174# | -0.01 |
| 32 | | Bis(2-ethylhexyl)phthalate | 0.524 | 0.687 | -31.1# | 251# | 0.00 |
| 33 | | Indeno(1,2,3-cd)pyrene | 1.999 | 1.583 | 20.8 | 135 | 0.00 |
| 34 | I | Perylene-d12 | 1.000 | 1.000 | 0.0 | 165# | 0.00 |
| 35 | | Benzo(b)fluoranthene | 1.447 | 1.529 | -5.7 | 171# | 0.00 |
| 36 | | Benzo(k)fluoranthene | 1.424 | 1.449 | -1.8 | 170# | 0.00 |
| 37 | C | Benzo(a)pyrene | 1.327 | 1.331 | -0.3 | 166# | 0.00 |
| 38 | | Dibenzo(a,h)anthracene | 1.537 | 1.277 | 16.9 | 135 | 0.00 |
| 39 | | Benzo(g,h,i)perylene | 1.566 | 1.233 | 21.3 | 127 | 0.00 |

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

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