# Evaluate Continuing Calibration Report

Data Path : Z:\svoasrv\HPCHEM1\BNA N\Data\BN073118\
Data File : BN002213.D
Acq On : 31 Jul 2018 16:23
Operator : JU/SJ
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

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

Quant Time: Jul 31 16:56:02 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN073018.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jul 30 16:17:29 2018
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 | 93 | 0.00 |
| 2 | | 1,4-Dioxane | 0.450 | 0.396 | 12.0 | 90 | 0.00 |
| 3 | | n-Nitrosodimethylamine | 0.302 | 0.244 | 19.2 | 84 | 0.00 |
| 4 | S | 2-Fluorophenol | 0.933 | 0.883 | 5.4 | 92 | 0.00 |
| 5 | S | Phenol-d6 | 1.135 | 1.153 | -1.6 | 101 | 0.00 |
| 6 | | bis(2-Chloroethyl)ether | 1.091 | 1.010 | 7.4 | 86 | 0.00 |
| 7 | I | Naphthalene-d8 | 1.000 | 1.000 | 0.0 | 96 | 0.00 |
| 8 | S | Nitrobenzene-d5 | 0.301 | 0.286 | 5.0 | 93 | 0.00 |
| 9 | | Naphthalene | 0.902 | 0.890 | 1.3 | 96 | -0.01 |
| 10 | | Hexachlorobutadiene | 0.195 | 0.190 | 2.6 | 95 | 0.00 |
| 11 | SURR | 2-Methylnaphthalene-d10 | 0.589 | 0.563 | 4.4 | 94 | 0.00 |
| 12 | | 2-Methylnaphthalene | 0.610 | 0.588 | 3.6 | 93 | 0.00 |
| 13 | I | Acenaphthene-d10 | 1.000 | 1.000 | 0.0 | 86 | 0.00 |
| 14 | S | 2,4,6-Tribromophenol | 0.171 | 0.140 | 18.1 | 72 | 0.00 |
| 15 | S | 2-Fluorobiphenyl | 1.536 | 1.531 | 0.3 | 91 | 0.00 |
| 16 | | Acenaphthylene | 1.709 | 1.630 | 4.6 | 86 | 0.00 |
| 17 | | Acenaphthene | 1.099 | 1.069 | 2.7 | 87 | 0.00 |
| 18 | | Fluorene | 1.352 | 1.265 | 6.4 | 81 | 0.00 |
| 19 | I | Phenanthrene-d10 | 1.000 | 1.000 | 0.0 | 69 | 0.00 |
| 20 | | 4-Bromophenyl-phenylether | 0.226 | 0.226 | 0.0 | 75 | 0.00 |
| 21 | | Hexachlorobenzene | 0.250 | 0.256 | -2.4 | 75 | 0.00 |
| 22 | | Pentachlorophenol | 0.046 | 0.044 | 4.3 | 69 | 0.00 |
| 23 | | Phenanthrene | 0.995 | 0.945 | 5.0 | 68 | 0.00 |
| 24 | | Anthracene | 0.823 | 0.760 | 7.7 | 67 | 0.00 |
| 25 | SURR | Fluoranthene-d10 | 0.988 | 0.858 | 13.2 | 59 | 0.00 |
| 26 | | Fluoranthene | 1.083 | 0.927 | 14.4 | 58 | 0.00 |
| 27 | I | Chrysene-d12 | 1.000 | 1.000 | 0.0 | 53 | 0.00 |
| 28 | | Pyrene | 1.183 | 1.189 | -0.5 | 57 | 0.00 |
| 29 | S | Terphenyl-d14 | 0.855 | 0.838 | 2.0 | 56 | 0.00 |
| 30 | | Benzo(a)anthracene | 1.006 | 0.953 | 5.3 | 52 | 0.00 |
| 31 | | Chrysene | 1.126 | 1.097 | 2.6 | 54 | 0.00 |
| 32 | | Bis(2-ethylhexyl)phthalate | 0.460 | 0.428 | 7.0 | 50 | -0.01 |
| 33 | | Indeno(1,2,3-cd)pyrene | 1.061 | 1.201 | -13.2 | 71 | 0.00 |
| 34 | I | Perylene-d12 | 1.000 | 1.000 | 0.0 | 62 | 0.00 |
| 35 | | Benzo(b)fluoranthene | 1.176 | 1.087 | 7.6 | 58 | 0.00 |
| 36 | | Benzo(k)fluoranthene | 1.221 | 1.130 | 7.5 | 60 | 0.00 |
| 37 | C | Benzo(a)pyrene | 1.066 | 1.049 | 1.6 | 64 | 0.00 |
| 38 | | Dibenzo(a,h)anthracene | 1.037 | 1.053 | -1.5 | 72 | 0.00 |
| 39 | | Benzo(g,h,i)perylene | 1.060 | 1.075 | -1.4 | 71 | 0.00 |

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

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