# Evaluate Continuing Calibration Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE012020\
Data File : BE101102.D
Acq On : 20 Jan 2020 15:05
Operator : JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

**Instrument :** BNA_E
**LabSampleId :** SSTDCCC0.4

Quant Time: Jan 21 10:41:02 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE010820.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jan 08 18:36:25 2020
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 | Amount | Calc. | %Dev | Area% | Dev(min) |
|---|---|---|---|---|---|---|---|
| 1 | I | 1,4-Dichlorobenzene-d4 | 0.400 | 0.400 | 0.0 | 52 | -0.01 |
| 2 | | 1,4-Dioxane | 0.400 | 0.443 | -10.7 | 57 | 0.00 |
| 3 | | n-Nitrosodimethylamine | 0.400 | 0.361 | 9.8 | 54 | -0.01 |
| 4 | S | 2-Fluorophenol | 0.400 | 0.460 | -15.0 | 60 | -0.01 |
| 5 | S | Phenol-d6 | 0.400 | 0.376 | 6.0 | 54 | -0.01 |
| 6 | | bis(2-Chloroethyl)ether | 0.400 | 0.328 | 18.0 | 46 | 0.00 |
| 7 | I | Naphthalene-d8 | 0.400 | 0.400 | 0.0 | 54 | 0.00 |
| 8 | S | Nitrobenzene-d5 | 0.400 | 0.362 | 9.5 | 54 | 0.00 |
| 9 | | Naphthalene | 0.400 | 0.396 | 1.0 | 52 | 0.00 |
| 10 | | Hexachlorobutadiene | 0.400 | 0.424 | -6.0 | 55 | -0.01 |
| 11 | SURR | 2-Methylnaphthalene-d10 | 0.400 | 0.395 | 1.3 | 53 | 0.00 |
| 12 | | 2-Methylnaphthalene | 0.400 | 0.377 | 5.8 | 52 | 0.00 |
| 13 | I | Acenaphthene-d10 | 0.400 | 0.400 | 0.0 | 64 | 0.00 |
| 14 | S | 2,4,6-Tribromophenol | 0.400 | 0.342 | 14.5 | 63 | 0.00 |
| 15 | S | 2-Fluorobiphenyl | 0.400 | 0.343 | 14.2 | 54 | -0.01 |
| 16 | | Acenaphthylene | 0.400 | 0.377 | 5.8 | 67 | 0.00 |
| 17 | | Acenaphthene | 0.400 | 0.368 | 8.0 | 61 | -0.01 |
| 18 | | Fluorene | 0.400 | 0.378 | 5.5 | 62 | -0.01 |
| 19 | I | Phenanthrene-d10 | 0.400 | 0.400 | 0.0 | 72 | 0.00 |
| 20 | | 4-Bromophenyl-phenylether | 0.400 | 0.365 | 8.8 | 69 | -0.01 |
| 21 | | Hexachlorobenzene | 0.400 | 0.361 | 9.8 | 64 | -0.01 |
| 22 | | Pentachlorophenol | 0.400 | 0.378 | 5.5 | 43 | 0.00 |
| 23 | | Phenanthrene | 0.400 | 0.349 | 12.8 | 64 | 0.00 |
| 24 | | Anthracene | 0.400 | 0.394 | 1.5 | 75 | 0.00 |
| 25 | SURR | Fluoranthene-d10 | 0.400 | 0.421 | -5.2 | 78 | -0.01 |
| 26 | | Fluoranthene | 0.400 | 0.414 | -3.5 | 80 | -0.01 |
| 27 | I | Chrysene-d12 | 0.400 | 0.400 | 0.0 | 99 | -0.01 |
| 28 | | Pyrene | 0.400 | 0.337 | 15.8 | 81 | 0.00 |
| 29 | S | Terphenyl-d14 | 0.400 | 0.334 | 16.5 | 81 | -0.01 |
| 30 | | Benzo(a)anthracene | 0.400 | 0.388 | 3.0 | 100 | 0.00 |
| 31 | | Chrysene | 0.400 | 0.396 | 1.0 | 95 | -0.01 |
| 32 | | Bis(2-ethylhexyl)phthalate | 0.400 | 0.559 | -39.8# | 158 | 0.00 |
| 33 | | Indeno(1,2,3-cd)pyrene | 0.400 | 0.432 | -8.0 | 109 | -0.01 |
| 34 | I | Perylene-d12 | 0.400 | 0.400 | 0.0 | 115 | -0.01 |
| 35 | | Benzo(b)fluoranthene | 0.400 | 0.333 | 16.8 | 103 | -0.01 |
| 36 | | Benzo(k)fluoranthene | 0.400 | 0.353 | 11.8 | 102 | -0.01 |
| 37 | C | Benzo(a)pyrene | 0.400 | 0.378 | 5.5 | 113 | -0.01 |
| 38 | | Dibenzo(a,h)anthracene | 0.400 | 0.370 | 7.5 | 116 | -0.01 |
| 39 | | Benzo(g,h,i)perylene | 0.400 | 0.349 | 12.8 | 98 | -0.01 |

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