# Evaluate Continuing Calibration Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE012220\
Data File : BE101114.D
Acq On : 22 Jan 2020 13:17
Operator : CG/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

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

Quant Time: Jan 23 04:20:34 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 | 68 | -0.01 |
| 2 | | 1,4-Dioxane | 0.400 | 0.389 | 2.8 | 68 | 0.00 |
| 3 | | n-Nitrosodimethylamine | 0.400 | 0.354 | 11.5 | 70 | -0.01 |
| 4 | S | 2-Fluorophenol | 0.400 | 0.414 | -3.5 | 71 | -0.01 |
| 5 | S | Phenol-d6 | 0.400 | 0.359 | 10.3 | 69 | 0.00 |
| 6 | | bis(2-Chloroethyl)ether | 0.400 | 0.328 | 18.0 | 61 | 0.00 |
| 7 | I | Naphthalene-d8 | 0.400 | 0.400 | 0.0 | 72 | 0.00 |
| 8 | S | Nitrobenzene-d5 | 0.400 | 0.341 | 14.8 | 68 | 0.01 |
| 9 | | Naphthalene | 0.400 | 0.389 | 2.8 | 68 | 0.00 |
| 10 | | Hexachlorobutadiene | 0.400 | 0.432 | -8.0 | 74 | -0.01 |
| 11 | SURR | 2-Methylnaphthalene-d10 | 0.400 | 0.396 | 1.0 | 71 | 0.00 |
| 12 | | 2-Methylnaphthalene | 0.400 | 0.375 | 6.3 | 68 | 0.00 |
| 13 | I | Acenaphthene-d10 | 0.400 | 0.400 | 0.0 | 73 | 0.00 |
| 14 | S | 2,4,6-Tribromophenol | 0.400 | 0.171 | 57.3# | 36 | 0.00 |
| 15 | S | 2-Fluorobiphenyl | 0.400 | 0.381 | 4.8 | 69 | -0.01 |
| 16 | | Acenaphthylene | 0.400 | 0.384 | 4.0 | 78 | 0.00 |
| 17 | | Acenaphthene | 0.400 | 0.379 | 5.3 | 71 | -0.01 |
| 18 | | Fluorene | 0.400 | 0.373 | 6.8 | 69 | -0.01 |
| 19 | I | Phenanthrene-d10 | 0.400 | 0.400 | 0.0 | 76 | 0.00 |
| 20 | | 4-Bromophenyl-phenylether | 0.400 | 0.371 | 7.3 | 74 | -0.01 |
| 21 | | Hexachlorobenzene | 0.400 | 0.406 | -1.5 | 76 | -0.01 |
| 22 | | Pentachlorophenol | 0.400 | 0.252 | 37.0# | 1 | -0.01 |
| 23 | | Phenanthrene | 0.400 | 0.357 | 10.8 | 69 | 0.00 |
| 24 | | Anthracene | 0.400 | 0.376 | 6.0 | 75 | 0.00 |
| 25 | SURR | Fluoranthene-d10 | 0.400 | 0.397 | 0.8 | 78 | 0.00 |
| 26 | | Fluoranthene | 0.400 | 0.384 | 4.0 | 78 | 0.00 |
| 27 | I | Chrysene-d12 | 0.400 | 0.400 | 0.0 | 92 | 0.00 |
| 28 | | Pyrene | 0.400 | 0.347 | 13.3 | 78 | 0.00 |
| 29 | S | Terphenyl-d14 | 0.400 | 0.358 | 10.5 | 81 | 0.00 |
| 30 | | Benzo(a)anthracene | 0.400 | 0.360 | 10.0 | 87 | 0.00 |
| 31 | | Chrysene | 0.400 | 0.414 | -3.5 | 93 | 0.00 |
| 32 | | Bis(2-ethylhexyl)phthalate | 0.400 | 0.560 | -40.0# | 149 | 0.00 |
| 33 | | Indeno(1,2,3-cd)pyrene | 0.400 | 0.430 | -7.5 | 102 | 0.01 |
| 34 | I | Perylene-d12 | 0.400 | 0.400 | 0.0 | 109 | 0.00 |
| 35 | | Benzo(b)fluoranthene | 0.400 | 0.339 | 15.3 | 99 | 0.00 |
| 36 | | Benzo(k)fluoranthene | 0.400 | 0.330 | 17.5 | 90 | 0.00 |
| 37 | C | Benzo(a)pyrene | 0.400 | 0.394 | 1.5 | 111 | 0.00 |
| 38 | | Dibenzo(a,h)anthracene | 0.400 | 0.369 | 7.8 | 109 | 0.00 |
| 39 | | Benzo(g,h,i)perylene | 0.400 | 0.340 | 15.0 | 90 | 0.01 |

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

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