# Evaluate Continuing Calibration Report

Data Path : Z:\HPCHEM1\BNA_E\Data\BE112717\
Data File : BE094863.D
Acq On : 27 Nov 2017 9:23
Operator : SJ/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

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

Quant Time: Nov 27 12:13:12 2017
Quant Method : Z:\HPCHEM1\BNA_E\METHODS\8270-SIM-BE102317.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Oct 23 22:40:47 2017
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 | 48# | 0.01 |
| 2 | | 1,4-Dioxane | 0.677 | 0.672 | 0.7 | 41# | -0.04 |
| 3 | | n-Nitrosodimethylamine | 0.648 | 0.499 | 23.0 | 37# | 0.00 |
| 4 | S | 2-Fluorophenol | 1.370 | 1.150 | 16.1 | 40# | 0.09 |
| 5 | S | Phenol-d6 | 2.069 | 2.002 | 3.2 | 48# | 0.08 |
| 6 | | bis(2-Chloroethyl)ether | 1.600 | 1.222 | 23.6 | 37# | 0.04 |
| 7 | I | Naphthalene-d8 | 1.000 | 1.000 | 0.0 | 58 | 0.00 |
| 8 | S | Nitrobenzene-d5 | 0.319 | 0.253 | 20.7 | 48# | 0.07 |
| 9 | | Naphthalene | 4.527 | 3.825 | 15.5 | 48# | 0.02 |
| 10 | | Hexachlorobutadiene | 0.164 | 0.161 | 1.8 | 56 | -0.02 |
| 11 | SURR | 2-Methylnaphthalene-d10 | 0.642 | 0.614 | 4.4 | 55 | 0.02 |
| 12 | | 2-Methylnaphthalene | 0.768 | 0.702 | 8.6 | 53 | 0.01 |
| 13 | I | Acenaphthene-d10 | 1.000 | 1.000 | 0.0 | 67 | 0.00 |
| 14 | S | 2,4,6-Tribromophenol | 0.110 | 0.103 | 6.4 | 64 | 0.03 |
| 15 | S | 2-Fluorobiphenyl | 1.410 | 1.195 | 15.2 | 56 | 0.01 |
| 16 | | Acenaphthylene | 2.112 | 1.779 | 15.8 | 57 | 0.00 |
| 17 | | Acenaphthene | 1.356 | 1.230 | 9.3 | 59 | -0.01 |
| 18 | | Fluorene | 1.738 | 1.630 | 6.2 | 62 | 0.00 |
| 19 | I | Phenanthrene-d10 | 1.000 | 1.000 | 0.0 | 72 | 0.03 |
| 20 | | 4-Bromophenyl-phenylether | 0.218 | 0.218 | 0.0 | 74 | 0.00 |
| 21 | | Hexachlorobenzene | 0.191 | 0.261 | -36.6# | 86 | 0.00 |
| 22 | | Pentachlorophenol | 0.024 | 0.028 | -16.7 | 83 | 0.03 |
| 23 | | Phenanthrene | 1.141 | 1.221 | -7.0 | 77 | 0.00 |
| 24 | | Anthracene | 1.176 | 1.266 | -7.7 | 76 | 0.00 |
| 25 | SURR | Fluoranthene-d10 | 4.676 | 5.553 | -18.8 | 75 | 0.00 |
| 26 | | Fluoranthene | 1.420 | 1.655 | -16.5 | 73 | 0.00 |
| 27 | I | Chrysene-d12 | 1.000 | 1.000 | 0.0 | 78 | 0.00 |
| 28 | | Pyrene | 1.399 | 1.287 | 8.0 | 74 | 0.00 |
| 29 | S | Terphenyl-d14 | 0.754 | 0.689 | 8.6 | 73 | 0.00 |
| 30 | | Benzo(a)anthracene | 1.302 | 1.203 | 7.6 | 73 | 0.01 |
| 31 | | Chrysene | 1.322 | 1.321 | 0.1 | 81 | 0.01 |
| 32 | | Bis(2-ethylhexyl)phthalate | 3.193 | 2.653 | 16.9 | 71 | -0.02 |
| 33 | | Indeno(1,2,3-cd)pyrene | 1.222 | 1.239 | -1.4 | 81 | 0.05 |
| 34 | I | Perylene-d12 | 1.000 | 1.000 | 0.0 | 79 | 0.02 |
| 35 | | Benzo(b)fluoranthene | 1.294 | 1.248 | 3.6 | 78 | 0.01 |
| 36 | | Benzo(k)fluoranthene | 1.379 | 1.317 | 4.5 | 76 | 0.02 |
| 37 | C | Benzo(a)pyrene | 1.255 | 1.212 | 3.4 | 77 | 0.02 |
| 38 | | Dibenzo(a,h)anthracene | 1.127 | 1.116 | 1.0 | 80 | 0.03 |
| 39 | | Benzo(g,h,i)perylene | 1.055 | 1.142 | -8.2 | 87 | 0.06 |

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

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