# Evaluate Continuing Calibration Report

Data Path : Z:\HPCHEM1\BNA E\Data\BE043018\
Data File : BE096249.D
Acq On : 1 May 2018 7:31
Operator : SJ/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

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

Quant Time: May 01 11:55:54 2018
Quant Method : Z:\HPCHEM1\BNA E\METHODS\8270-SIM-BE041118.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Apr 30 14:27:29 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 | 61 | 0.00 |
| 2 | | 1,4-Dioxane | 0.618 | 0.544 | 12.0 | 57 | 0.00 |
| 3 | | n-Nitrosodimethylamine | 0.757 | 0.723 | 4.5 | 63 | 0.01 |
| 4 | S | 2-Fluorophenol | 1.237 | 1.158 | 6.4 | 60 | 0.01 |
| 5 | S | Phenol-d6 | 1.707 | 1.645 | 3.6 | 61 | 0.01 |
| 6 | | bis(2-Chloroethyl)ether | 1.502 | 1.377 | 8.3 | 58 | 0.00 |
| 7 | I | Naphthalene-d8 | 1.000 | 1.000 | 0.0 | 60 | 0.00 |
| 8 | S | Nitrobenzene-d5 | 0.469 | 0.462 | 1.5 | 64 | 0.00 |
| 9 | | Naphthalene | 4.217 | 3.993 | 5.3 | 60 | 0.00 |
| 10 | | Hexachlorobutadiene | 0.187 | 0.107 | 42.8# | 38# | 0.00 |
| 11 | SURR | 2-Methylnaphthalene-d10 | 0.634 | 0.590 | 6.9 | 59 | 0.00 |
| 12 | | 2-Methylnaphthalene | 0.698 | 0.666 | 4.6 | 61 | 0.00 |
| 13 | I | Acenaphthene-d10 | 1.000 | 1.000 | 0.0 | 60 | 0.00 |
| 14 | S | 2,4,6-Tribromophenol | 0.193 | 0.168 | 13.0 | 57 | 0.00 |
| 15 | S | 2-Fluorobiphenyl | 1.711 | 1.693 | 1.1 | 62 | 0.00 |
| 16 | | Acenaphthylene | 2.136 | 2.107 | 1.4 | 64 | 0.00 |
| 17 | | Acenaphthene | 1.284 | 1.257 | 2.1 | 63 | 0.00 |
| 18 | | Fluorene | 1.588 | 1.562 | 1.6 | 63 | 0.00 |
| 19 | I | Phenanthrene-d10 | 1.000 | 1.000 | 0.0 | 59 | 0.00 |
| 20 | | 4-Bromophenyl-phenylether | 0.238 | 0.225 | 5.5 | 60 | 0.00 |
| 21 | | Hexachlorobenzene | 0.237 | 0.230 | 3.0 | 59 | 0.00 |
| 22 | | Pentachlorophenol | 0.078 | 0.038 | 51.3# | 36# | 0.00 |
| 23 | | Phenanthrene | 1.124 | 1.087 | 3.3 | 61 | 0.00 |
| 24 | | Anthracene | 1.074 | 1.029 | 4.2 | 62 | 0.00 |
| 25 | SURR | Fluoranthene-d10 | 5.430 | 4.787 | 11.8 | 57 | 0.00 |
| 26 | | Fluoranthene | 1.477 | 1.339 | 9.3 | 58 | 0.00 |
| 27 | I | Chrysene-d12 | 1.000 | 1.000 | 0.0 | 53 | 0.01 |
| 28 | | Pyrene | 0.788 | 0.060 | 92.4# | 4# | 0.00 |
| 29 | S | Terphenyl-d14 | 0.884 | 0.834 | 5.7 | 55 | 0.00 |
| 30 | | Benzo(a)anthracene | 1.283 | 1.217 | 5.1 | 55 | 0.00 |
| 31 | | Chrysene | 1.239 | 1.222 | 1.4 | 55 | 0.00 |
| 32 | | Bis(2-ethylhexyl)phthalate | 3.311 | 3.202 | 3.3 | 55 | 0.00 |
| 33 | | Indeno(1,2,3-cd)pyrene | 1.201 | 1.174 | 2.2 | 55 | 0.00 |
| 34 | I | Perylene-d12 | 1.000 | 1.000 | 0.0 | 52 | 0.00 |
| 35 | | Benzo(b)fluoranthene | 1.200 | 1.189 | 0.9 | 54 | 0.00 |
| 36 | | Benzo(k)fluoranthene | 1.234 | 1.221 | 1.1 | 55 | 0.00 |
| 37 | C | Benzo(a)pyrene | 1.153 | 1.129 | 2.1 | 54 | 0.00 |
| 38 | | Dibenzo(a,h)anthracene | 1.017 | 1.050 | -3.2 | 58 | 0.00 |
| 39 | | Benzo(g,h,i)perylene | 1.076 | 1.046 | 2.8 | 53 | 0.00 |

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

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