# Evaluate Continuing Calibration Report

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM061516\
Data File : BM005791.D
Acq On : 14 Jun 2016 18:50
Operator : UM/SJ
Sample : SSTDCCC020
Misc :
ALS Vial : 4 Sample Multiplier: 1

**Instrument :** BNA_M
**LabSampleId :** SSTD02040

Quant Time: Jun 15 01:39:33 2016
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM061516.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Jun 15 01:33:21 2016
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 20% Max. R.T. Dev 0.50min
Max. RRF Dev : 20% Max. Rel. Area : 150%

| | | Compound | AvgRF | CCRF | %Dev | Area% | Dev(min) |
|---|---|---|---|---|---|---|---|
| 1 | I | 1,4-Dichlorobenzene-d4 | 1.000 | 1.000 | 0.0 | 85 | 0.00 |
| 2 | S | 1,4-Dioxane-d8 | 0.432 | 0.401 | 7.2 | 79 | 0.00 |
| 3 | S | Phenol-d5 | 1.643 | 1.643 | 0.0 | 84 | 0.00 |
| 4 | S | Bis-(2-Chloroethyl)ether-d8 | 0.978 | 0.993 | -1.5 | 83 | 0.00 |
| 5 | S | 2-Chlorophenol-d4 | 1.369 | 1.372 | -0.2 | 84 | 0.00 |
| 6 | S | 4-Methylphenol-d8 | 1.388 | 1.480 | -6.6 | 88 | 0.00 |
| 7 | I | Naphthalene-d8 | 1.000 | 1.000 | 0.0 | 90 | 0.00 |
| 8 | S | Nitrobenzene-d5 | 0.142 | 0.144 | -1.4 | 89 | 0.00 |
| 9 | S | 2-Nitrophenol-d4 | 0.157 | 0.165 | -5.1 | 91 | 0.00 |
| 10 | S | 2,4-Dichlorophenol-d3 | 0.301 | 0.307 | -2.0 | 91 | 0.00 |
| 11 | | Naphthalene | 0.997 | 0.988 | 0.9 | 91 | 0.00 |
| 12 | S | 4-Chloroaniline-d4 | 0.331 | 0.385 | -16.3 | 93 | 0.00 |
| 13 | | 2-Methylnaphthalene | 0.717 | 0.725 | -1.1 | 93 | 0.00 |
| 14 | | 1-Methylnaphthalene | 0.724 | 0.730 | -0.8 | 95 | 0.00 |
| 15 | I | Acenaphthene-d10 | 1.000 | 1.000 | 0.0 | 100 | 0.00 |
| 16 | S | Dimethylphthalate-d6 | 1.588 | 1.600 | -0.8 | 98 | 0.00 |
| 17 | S | Acenaphthylene-d8 | 2.017 | 2.018 | -0.0 | 99 | 0.00 |
| 18 | | Acenaphthylene | 2.034 | 2.036 | -0.1 | 100 | 0.00 |
| 19 | C | Acenaphthene | 1.332 | 1.332 | 0.0 | 101 | 0.00 |
| 20 | S | 4-Nitrophenol-d4 | 0.183 | 0.158 | 13.7 | 102 | 0.00 |
| 21 | S | Fluorene-d10 | 1.322 | 1.288 | 2.6 | 101 | 0.00 |
| 22 | | Fluorene | 1.431 | 1.418 | 0.9 | 102 | 0.00 |
| 23 | I | Phenanthrene-d10 | 1.000 | 1.000 | 0.0 | 98 | 0.00 |
| 24 | S | 4,6-Dinitro-2-methylphenol- | 0.089 | 0.079 | 11.2 | 95 | 0.00 |
| 25 | | Phenanthrene | 1.097 | 1.091 | 0.5 | 98 | 0.00 |
| 26 | S | Anthracene-d10 | 0.928 | 0.924 | 0.4 | 98 | 0.00 |
| 27 | | Anthracene | 1.086 | 1.083 | 0.3 | 97 | 0.00 |
| 28 | C | Fluoranthene | 1.168 | 1.100 | 5.8 | 91 | 0.00 |
| 29 | I | Chrysene-d12 | 1.000 | 1.000 | 0.0 | 90 | 0.00 |
| 30 | S | Pyrene-d10 | 0.973 | 0.923 | 5.1 | 90 | 0.00 |
| 31 | | Pyrene | 1.228 | 1.181 | 3.8 | 91 | 0.00 |
| 32 | | Benzo(a)anthracene | 1.157 | 1.140 | 1.5 | 89 | 0.00 |
| 33 | | Chrysene | 1.134 | 1.101 | 2.9 | 89 | 0.00 |
| 34 | I | Perylene-d12 | 1.000 | 1.000 | 0.0 | 88 | 0.00 |
| 35 | | Benzo(b)fluoranthene | 1.195 | 1.202 | -0.6 | 88 | 0.00 |
| 36 | | Benzo(k)fluoranthene | 1.106 | 1.087 | 1.7 | 88 | 0.00 |
| 37 | S | Benzo(a)pyrene-d12 | 0.924 | 0.918 | 0.6 | 88 | 0.00 |
| 38 | C | Benzo(a)pyrene | 1.141 | 1.148 | -0.6 | 90 | 0.00 |
| 39 | | Indeno(1,2,3-cd)pyrene | 1.309 | 1.343 | -2.6 | 90 | 0.00 |
| 40 | | Dibenzo(a,h)anthracene | 1.095 | 1.127 | -2.9 | 90 | 0.00 |
| 41 | | Benzo(g,h,i)perylene | 1.134 | 1.138 | -0.4 | 88 | 0.00 |

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

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