# Evaluate Continuing Calibration Report

Data Path : Z:\HPCHEM1\BNA_M\Data\BM062616\
Data File : BM006048.D
Acq On : 26 Jun 2016 20:23
Operator : UM/SJ
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

**Instrument :** BNA_M
**LabSampleId :** SSTD02036

Quant Time: Jun 27 05:17:52 2016
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM062516.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Jun 27 05:15:31 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 | 216# | 0.00 |
| 2 | S | 1,4-Dioxane-d8 | 0.448 | 0.436 | 2.7 | 206# | 0.00 |
| 3 | S | Phenol-d5 | 2.104 | 1.932 | 8.2 | 201# | 0.00 |
| 4 | S | Bis-(2-Chloroethyl)ether-d8 | 1.170 | 1.142 | 2.4 | 207# | 0.00 |
| 5 | S | 2-Chlorophenol-d4 | 1.465 | 1.446 | 1.3 | 212# | 0.00 |
| 6 | S | 4-Methylphenol-d8 | 1.776 | 1.587 | 10.6 | 195# | 0.00 |
| 7 | I | Naphthalene-d8 | 1.000 | 1.000 | 0.0 | 197# | 0.00 |
| 8 | S | Nitrobenzene-d5 | 0.152 | 0.156 | -2.6 | 201# | 0.00 |
| 9 | S | 2-Nitrophenol-d4 | 0.169 | 0.175 | -3.6 | 200# | 0.00 |
| 10 | S | 2,4-Dichlorophenol-d3 | 0.325 | 0.329 | -1.2 | 197# | 0.00 |
| 11 | | Naphthalene | 0.999 | 1.019 | -2.0 | 198# | 0.00 |
| 12 | S | 4-Chloroaniline-d4 | 0.353 | 0.405 | -14.7 | 181# | 0.00 |
| 13 | | 2-Methylnaphthalene | 0.804 | 0.785 | 2.4 | 188# | 0.00 |
| 14 | | 1-Methylnaphthalene | 0.770 | 0.745 | 3.2 | 186# | 0.00 |
| 15 | I | Acenaphthene-d10 | 1.000 | 1.000 | 0.0 | 169# | 0.00 |
| 16 | S | Dimethylphthalate-d6 | 1.712 | 1.633 | 4.6 | 161# | 0.00 |
| 17 | S | Acenaphthylene-d8 | 1.986 | 2.043 | -2.9 | 171# | 0.00 |
| 18 | | Acenaphthylene | 2.094 | 2.151 | -2.7 | 170# | 0.00 |
| 19 | C | Acenaphthene | 1.330 | 1.360 | -2.3 | 172# | 0.00 |
| 20 | S | 4-Nitrophenol-d4 | 0.365 | 0.325 | 11.0 | 141 | -0.01 |
| 21 | S | Fluorene-d10 | 1.462 | 1.425 | 2.5 | 162# | 0.00 |
| 22 | | Fluorene | 1.602 | 1.526 | 4.7 | 157# | 0.00 |
| 23 | I | Phenanthrene-d10 | 1.000 | 1.000 | 0.0 | 152# | 0.00 |
| 24 | S | 4,6-Dinitro-2-methylphenol- | 0.111 | 0.107 | 3.6 | 140 | -0.01 |
| 25 | | Phenanthrene | 1.076 | 1.101 | -2.3 | 153# | 0.00 |
| 26 | S | Anthracene-d10 | 0.919 | 0.937 | -2.0 | 151# | 0.00 |
| 27 | | Anthracene | 1.111 | 1.130 | -1.7 | 151# | 0.00 |
| 28 | C | Fluoranthene | 1.378 | 1.336 | 3.0 | 141 | 0.00 |
| 29 | I | Chrysene-d12 | 1.000 | 1.000 | 0.0 | 122 | 0.00 |
| 30 | S | Pyrene-d10 | 0.876 | 1.035 | -18.2 | 140 | 0.00 |
| 31 | | Pyrene | 1.145 | 1.344 | -17.4 | 138 | 0.00 |
| 32 | | Benzo(a)anthracene | 1.188 | 1.231 | -3.6 | 123 | 0.00 |
| 33 | | Chrysene | 1.085 | 1.126 | -3.8 | 123 | 0.00 |
| 34 | I | Perylene-d12 | 1.000 | 1.000 | 0.0 | 94 | -0.01 |
| 35 | | Benzo(b)fluoranthene | 1.162 | 1.276 | -9.8 | 102 | -0.02 |
| 36 | | Benzo(k)fluoranthene | 1.081 | 1.229 | -13.7 | 103 | -0.02 |
| 37 | S | Benzo(a)pyrene-d12 | 0.903 | 0.943 | -4.4 | 96 | -0.02 |
| 38 | C | Benzo(a)pyrene | 1.114 | 1.164 | -4.5 | 96 | -0.02 |
| 39 | | Indeno(1,2,3-cd)pyrene | 1.328 | 1.141 | 14.1 | 78 | -0.04 |
| 40 | | Dibenzo(a,h)anthracene | 1.104 | 0.963 | 12.8 | 79 | -0.03 |
| 41 | | Benzo(g,h,i)perylene | 1.149 | 0.960 | 16.4 | 76 | -0.04 |

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

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