# Evaluate Continuing Calibration Report

Data Path : Z:\HPCHEM1\BNA_M\Data\BM061216\
Data File : BM005769.D
Acq On : 13 Jun 2016 03:28
Operator : UM/SJ
Sample : SSTDCCC020EC
Misc :
ALS Vial : 2 Sample Multiplier: 1

**Instrument :** BNA_M
**LabSampleId :** SSTD02057

Quant Time: Jun 13 04:24:00 2016
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM061016.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Jun 13 03:29:45 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 | 148 | 0.00 |
| 2 | S | 1,4-Dioxane-d8 | 0.461 | 0.369 | 20.0 | 122 | 0.00 |
| 3 | S | Phenol-d5 | 1.726 | 1.643 | 4.8 | 141 | 0.00 |
| 4 | S | Bis-(2-Chloroethyl)ether-d8 | 1.037 | 0.979 | 5.6 | 137 | 0.00 |
| 5 | S | 2-Chlorophenol-d4 | 1.395 | 1.376 | 1.4 | 144 | 0.00 |
| 6 | S | 4-Methylphenol-d8 | 1.458 | 1.417 | 2.8 | 142 | 0.00 |
| 7 | I | Naphthalene-d8 | 1.000 | 1.000 | 0.0 | 140 | 0.00 |
| 8 | S | Nitrobenzene-d5 | 0.144 | 0.148 | -2.8 | 141 | 0.00 |
| 9 | S | 2-Nitrophenol-d4 | 0.163 | 0.163 | 0.0 | 133 | 0.00 |
| 10 | S | 2,4-Dichlorophenol-d3 | 0.296 | 0.302 | -2.0 | 142 | 0.00 |
| 11 | | Naphthalene | 1.002 | 0.975 | 2.7 | 137 | 0.00 |
| 12 | S | 4-Chloroaniline-d4 | 0.357 | 0.381 | -6.7 | 125 | 0.00 |
| 13 | | 2-Methylnaphthalene | 0.754 | 0.709 | 6.0 | 132 | 0.00 |
| 14 | | 1-Methylnaphthalene | 0.745 | 0.699 | 6.2 | 132 | 0.00 |
| 15 | I | Acenaphthene-d10 | 1.000 | 1.000 | 0.0 | 121 | 0.00 |
| 16 | S | Dimethylphthalate-d6 | 1.650 | 1.568 | 5.0 | 114 | 0.00 |
| 17 | S | Acenaphthylene-d8 | 2.018 | 2.001 | 0.8 | 119 | 0.00 |
| 18 | | Acenaphthylene | 2.066 | 2.016 | 2.4 | 117 | 0.00 |
| 19 | C | Acenaphthene | 1.344 | 1.315 | 2.2 | 118 | 0.00 |
| 20 | S | 4-Nitrophenol-d4 | 0.241 | 0.163 | 32.4# | 81 | 0.00 |
| 21 | S | Fluorene-d10 | 1.397 | 1.265 | 9.4 | 108 | 0.00 |
| 22 | | Fluorene | 1.534 | 1.389 | 9.5 | 107 | 0.00 |
| 23 | I | Phenanthrene-d10 | 1.000 | 1.000 | 0.0 | 88 | 0.00 |
| 24 | S | 4,6-Dinitro-2-methylphenol- | 0.103 | 0.052 | 49.5# | 45 | 0.00 |
| 25 | | Phenanthrene | 1.095 | 1.063 | 2.9 | 84 | 0.00 |
| 26 | S | Anthracene-d10 | 0.942 | 0.908 | 3.6 | 84 | 0.00 |
| 27 | | Anthracene | 1.111 | 1.071 | 3.6 | 82 | 0.00 |
| 28 | C | Fluoranthene | 1.286 | 1.023 | 20.5 | 69 | 0.00 |
| 29 | I | Chrysene-d12 | 1.000 | 1.000 | 0.0 | 65 | 0.00 |
| 30 | S | Pyrene-d10 | 0.961 | 0.967 | -0.6 | 67 | 0.00 |
| 31 | | Pyrene | 1.217 | 1.223 | -0.5 | 66 | 0.00 |
| 32 | | Benzo(a)anthracene | 1.155 | 1.147 | 0.7 | 65 | 0.00 |
| 33 | | Chrysene | 1.139 | 1.111 | 2.5 | 63 | 0.00 |
| 34 | I | Perylene-d12 | 1.000 | 1.000 | 0.0 | 71 | 0.00 |
| 35 | | Benzo(b)fluoranthene | 1.188 | 1.162 | 2.2 | 71 | -0.01 |
| 36 | | Benzo(k)fluoranthene | 1.201 | 1.092 | 9.1 | 64 | 0.00 |
| 37 | S | Benzo(a)pyrene-d12 | 0.912 | 0.902 | 1.1 | 71 | -0.01 |
| 38 | C | Benzo(a)pyrene | 1.128 | 1.114 | 1.2 | 71 | -0.01 |
| 39 | | Indeno(1,2,3-cd)pyrene | 1.101 | 1.333 | -21.1# | 87 | -0.01 |
| 40 | | Dibenzo(a,h)anthracene | 0.921 | 1.109 | -20.4# | 86 | -0.01 |
| 41 | | Benzo(g,h,i)perylene | 0.921 | 1.107 | -20.2# | 89 | -0.01 |

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

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