# Evaluate Continuing Calibration Report

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM080716\
Data File : BM006975.D
Acq On : 08 Aug 2016 02:15
Operator : UM/SJ
Sample : SSTDCCC020
Misc :
ALS Vial : 5 Sample Multiplier: 1

**Instrument :** BNA_M
**LabSampleId :** SSTD02025

Quant Time: Aug 08 15:40:01 2016
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM080616.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Aug 08 15:12:48 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 | 151# | 0.00 |
| 2 | S | 1,4-Dioxane-d8 | 0.438 | 0.373 | 14.8 | 123 | 0.00 |
| 3 | S | Phenol-d5 | 1.896 | 1.835 | 3.2 | 153# | 0.00 |
| 4 | S | Bis-(2-Chloroethyl)ether-d8 | 1.189 | 1.160 | 2.4 | 146 | 0.00 |
| 5 | S | 2-Chlorophenol-d4 | 1.354 | 1.407 | -3.9 | 155# | 0.00 |
| 6 | S | 4-Methylphenol-d8 | 1.583 | 1.492 | 5.7 | 149 | 0.00 |
| 7 | I | Naphthalene-d8 | 1.000 | 1.000 | 0.0 | 150 | 0.00 |
| 8 | S | Nitrobenzene-d5 | 0.149 | 0.160 | -7.4 | 157# | 0.00 |
| 9 | S | 2-Nitrophenol-d4 | 0.178 | 0.181 | -1.7 | 144 | 0.00 |
| 10 | S | 2,4-Dichlorophenol-d3 | 0.337 | 0.333 | 1.2 | 145 | 0.00 |
| 11 | | Naphthalene | 1.027 | 1.029 | -0.2 | 147 | 0.00 |
| 12 | S | 4-Chloroaniline-d4 | 0.403 | 0.422 | -4.7 | 145 | 0.00 |
| 13 | | 2-Methylnaphthalene | 0.822 | 0.785 | 4.5 | 140 | 0.00 |
| 14 | | 1-Methylnaphthalene | 0.790 | 0.752 | 4.8 | 140 | 0.00 |
| 15 | I | Acenaphthene-d10 | 1.000 | 1.000 | 0.0 | 131 | 0.00 |
| 16 | S | Dimethylphthalate-d6 | 1.760 | 1.690 | 4.0 | 123 | 0.00 |
| 17 | S | Acenaphthylene-d8 | 2.036 | 2.124 | -4.3 | 134 | 0.00 |
| 18 | | Acenaphthylene | 2.136 | 2.224 | -4.1 | 134 | 0.00 |
| 19 | C | Acenaphthene | 1.393 | 1.405 | -0.9 | 131 | 0.00 |
| 20 | S | 4-Nitrophenol-d4 | 0.255 | 0.202 | 20.8# | 124 | 0.00 |
| 21 | S | Fluorene-d10 | 1.496 | 1.479 | 1.1 | 129 | 0.00 |
| 22 | | Fluorene | 1.761 | 1.737 | 1.4 | 128 | 0.00 |
| 23 | I | Phenanthrene-d10 | 1.000 | 1.000 | 0.0 | 121 | 0.00 |
| 24 | S | 4,6-Dinitro-2-methylphenol- | 0.083 | 0.097 | -16.9 | 196# | 0.00 |
| 25 | | Phenanthrene | 1.119 | 1.119 | 0.0 | 122 | 0.00 |
| 26 | S | Anthracene-d10 | 0.966 | 0.968 | -0.2 | 122 | 0.00 |
| 27 | | Anthracene | 1.171 | 1.178 | -0.6 | 122 | 0.00 |
| 28 | C | Fluoranthene | 1.361 | 1.241 | 8.8 | 107 | 0.00 |
| 29 | I | Chrysene-d12 | 1.000 | 1.000 | 0.0 | 79 | 0.00 |
| 30 | S | Pyrene-d10 | 0.953 | 1.173 | -23.1# | 103 | 0.00 |
| 31 | | Pyrene | 1.243 | 1.526 | -22.8# | 103 | 0.00 |
| 32 | | Benzo(a)anthracene | 1.187 | 1.209 | -1.9 | 81 | 0.00 |
| 33 | | Chrysene | 1.045 | 1.065 | -1.9 | 80 | 0.00 |
| 34 | I | Perylene-d12 | 1.000 | 1.000 | 0.0 | 81 | 0.00 |
| 35 | | Benzo(b)fluoranthene | 1.305 | 1.248 | 4.4 | 81 | 0.00 |
| 36 | | Benzo(k)fluoranthene | 1.260 | 1.139 | 9.6 | 73 | 0.00 |
| 37 | S | Benzo(a)pyrene-d12 | 0.953 | 0.935 | 1.9 | 79 | 0.00 |
| 38 | C | Benzo(a)pyrene | 1.184 | 1.173 | 0.9 | 81 | 0.00 |
| 39 | | Indeno(1,2,3-cd)pyrene | 1.201 | 1.446 | -20.4# | 99 | 0.00 |
| 40 | | Dibenzo(a,h)anthracene | 1.011 | 1.210 | -19.7 | 98 | 0.00 |
| 41 | | Benzo(g,h,i)perylene | 0.946 | 1.174 | -24.1# | 103 | 0.00 |

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

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