# Evaluate Continuing Calibration Report

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG052216\
Data File : BG022040.D
Acq On : 23 May 2016 9:28
Operator : UM/SJ
Sample : SSTDCCC020EC
Misc :
ALS Vial : 2 Sample Multiplier: 1

**Instrument :** BNA_G
**LabSampleId :** SSTD02012

Quant Time: May 24 13:57:28 2016
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG051816.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri May 20 08:11:42 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 | 156# | 0.00 |
| 2 | S | 1,4-Dioxane-d8 | 0.436 | 0.402 | 7.8 | 138 | 0.00 |
| 3 | S | Phenol-d5 | 1.766 | 1.758 | 0.5 | 158# | 0.00 |
| 4 | S | Bis-(2-Chloroethyl)ether-d8 | 0.941 | 0.918 | 2.4 | 148 | 0.00 |
| 5 | S | 2-Chlorophenol-d4 | 1.450 | 1.518 | -4.7 | 156# | 0.00 |
| 6 | S | 4-Methylphenol-d8 | 1.573 | 1.506 | 4.3 | 144 | 0.00 |
| 7 | I | Naphthalene-d8 | 1.000 | 1.000 | 0.0 | 140 | 0.00 |
| 8 | S | Nitrobenzene-d5 | 0.140 | 0.154 | -10.0 | 147 | 0.00 |
| 9 | S | 2-Nitrophenol-d4 | 0.150 | 0.163 | -8.7 | 148 | 0.00 |
| 10 | S | 2,4-Dichlorophenol-d3 | 0.265 | 0.294 | -10.9 | 151# | 0.00 |
| 11 | | Naphthalene | 0.973 | 1.048 | -7.7 | 147 | 0.00 |
| 12 | S | 4-Chloroaniline-d4 | 0.208 | 0.355 | -70.7# | 257# | 0.00 |
| 13 | | 2-Methylnaphthalene | 0.705 | 0.732 | -3.8 | 142 | 0.00 |
| 14 | | 1-Methylnaphthalene | 0.721 | 0.740 | -2.6 | 138 | 0.00 |
| 15 | I | Acenaphthene-d10 | 1.000 | 1.000 | 0.0 | 123 | 0.00 |
| 16 | S | Dimethylphthalate-d6 | 1.542 | 1.535 | 0.5 | 122 | 0.00 |
| 17 | S | Acenaphthylene-d8 | 1.986 | 2.162 | -8.9 | 130 | 0.00 |
| 18 | | Acenaphthylene | 2.068 | 2.179 | -5.4 | 127 | 0.00 |
| 19 | C | Acenaphthene | 1.420 | 1.495 | -5.3 | 127 | 0.00 |
| 20 | S | 4-Nitrophenol-d4 | 0.271 | 0.245 | 9.6 | 116 | 0.00 |
| 21 | S | Fluorene-d10 | 1.388 | 1.435 | -3.4 | 127 | 0.00 |
| 22 | | Fluorene | 1.573 | 1.562 | 0.7 | 120 | 0.00 |
| 23 | I | Phenanthrene-d10 | 1.000 | 1.000 | 0.0 | 108 | 0.00 |
| 24 | S | 4,6-Dinitro-2-methylphenol- | 0.099 | 0.095 | 4.0 | 112 | 0.00 |
| 25 | | Phenanthrene | 1.069 | 1.149 | -7.5 | 114 | 0.00 |
| 26 | S | Anthracene-d10 | 0.921 | 0.987 | -7.2 | 115 | 0.00 |
| 27 | | Anthracene | 1.074 | 1.160 | -8.0 | 114 | 0.00 |
| 28 | C | Fluoranthene | 1.111 | 1.233 | -11.0 | 117 | 0.00 |
| 29 | I | Chrysene-d12 | 1.000 | 1.000 | 0.0 | 113 | 0.00 |
| 30 | S | Pyrene-d10 | 1.055 | 1.121 | -6.3 | 119 | 0.00 |
| 31 | | Pyrene | 1.377 | 1.417 | -2.9 | 114 | 0.00 |
| 32 | | Benzo(a)anthracene | 1.109 | 1.204 | -8.6 | 121 | 0.00 |
| 33 | | Chrysene | 1.079 | 1.137 | -5.4 | 119 | 0.00 |
| 34 | I | Perylene-d12 | 1.000 | 1.000 | 0.0 | 114 | 0.01 |
| 35 | | Benzo(b)fluoranthene | 1.150 | 1.224 | -6.4 | 120 | 0.00 |
| 36 | | Benzo(k)fluoranthene | 1.131 | 1.250 | -10.5 | 126 | 0.00 |
| 37 | S | Benzo(a)pyrene-d12 | 0.888 | 0.973 | -9.6 | 124 | 0.00 |
| 38 | C | Benzo(a)pyrene | 1.099 | 1.168 | -6.3 | 120 | 0.00 |
| 39 | | Indeno(1,2,3-cd)pyrene | 1.250 | 1.129 | 9.7 | 103 | 0.01 |
| 40 | | Dibenzo(a,h)anthracene | 1.035 | 1.028 | 0.7 | 112 | 0.00 |
| 41 | | Benzo(g,h,i)perylene | 1.057 | 0.781 | 26.1# | 83 | 0.00 |

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

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