# Evaluate Continuing Calibration Report

Data Path : Z:\HPCHEM1\BNA M\Data\BM101615\
Data File : BM002930.D
Acq On : 16 Oct 2015 11:45
Operator : UM/IZ
Sample : SSTDCCC001
Misc :
ALS Vial : 2 Sample Multiplier: 1

**Instrument :** BNA_M
**LabSampleId :** SSTDCCC001

Quant Time: Oct 16 22:58:49 2015
Quant Method : Z:\HPCHEM1\BNA M\METHODS\8270-SIM-BM101515.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Oct 15 16:21:18 2015
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 25% Max. Rel. Area : 150%

| | | Compound | AvgRF | CCRF | %Dev | Area% | Dev(min) |
|---|---|---|---|---|---|---|---|
| 1 | I | 1,4-Dichlorobenzene-d4 | 1.000 | 1.000 | 0.0 | 96 | 0.00 |
| 2 | | 1,4-Dioxane | 0.456 | 0.430 | 5.7 | 93 | 0.00 |
| 3 | | n-Nitrosodimethylamine | 0.355 | 0.366 | -3.1 | 96 | -0.03 |
| 4 | S | 2-Fluorophenol | 0.935 | 0.920 | 1.6 | 96 | -0.01 |
| 5 | S | Phenol-d6 | 1.193 | 1.236 | -3.6 | 98 | -0.02 |
| 6 | | bis(2-Chloroethyl)ether | 1.140 | 1.151 | -1.0 | 95 | -0.02 |
| 7 | I | Naphthalene-d8 | 1.000 | 1.000 | 0.0 | 96 | -0.01 |
| 8 | S | Nitrobenzene-d5 | 0.240 | 0.234 | 2.5 | 94 | -0.03 |
| 9 | | Nitrobenzene | 0.254 | 0.249 | 2.0 | 94 | -0.02 |
| 10 | | Naphthalene | 1.110 | 1.083 | 2.4 | 96 | -0.01 |
| 11 | | Hexachlorobutadiene | 0.179 | 0.175 | 2.2 | 96 | -0.01 |
| 12 | | 2-Methylnaphthalene | 0.748 | 0.733 | 2.0 | 96 | 0.00 |
| 13 | I | Acenaphthene-d10 | 1.000 | 1.000 | 0.0 | 96 | 0.00 |
| 14 | S | 2,4,6-Tribromophenol | 0.158 | 0.151 | 4.4 | 94 | 0.00 |
| 15 | S | 2-Fluorobiphenyl | 1.601 | 1.569 | 2.0 | 96 | -0.01 |
| 16 | | Acenaphthylene | 2.185 | 2.151 | 1.6 | 96 | 0.00 |
| 17 | | Acenaphthene | 1.499 | 1.434 | 4.3 | 96 | 0.00 |
| 18 | | Fluorene | 1.787 | 1.778 | 0.5 | 97 | 0.00 |
| 19 | I | Phenanthrene-d10 | 1.000 | 1.000 | 0.0 | 105 | 0.00 |
| 20 | | 4-Bromophenyl-phenylether | 0.207 | 0.201 | 2.9 | 104 | 0.00 |
| 21 | | Hexachlorobenzene | 0.246 | 0.196 | 20.3 | 85 | 0.00 |
| 22 | | Pentachlorophenol | 0.014 | 0.023 | -64.3# | 136 | -0.03 |
| 23 | | Phenanthrene | 1.165 | 1.024 | 12.1 | 93 | 0.02 |
| 24 | | Anthracene | 1.110 | 0.969 | 12.7 | 91 | 0.00 |
| 25 | | Fluoranthene | 1.289 | 1.174 | 8.9 | 98 | 0.00 |
| 26 | I | Chrysene-d12 | 1.000 | 1.000 | 0.0 | 92 | 0.00 |
| 27 | | Benzidine | 0.590 | 0.558 | 5.4 | 94 | 0.00 |
| 28 | | Pyrene | 1.474 | 1.542 | -4.6 | 97 | 0.00 |
| 29 | S | Terphenyl-d14 | 0.749 | 0.769 | -2.7 | 96 | 0.00 |
| 30 | | Benzo(a)anthracene | 1.445 | 1.424 | 1.5 | 88 | 0.00 |
| 31 | | 3,3'-Dichlorobenzidine | 0.489 | 0.469 | 4.1 | 93 | 0.00 |
| 32 | | Chrysene | 1.351 | 1.297 | 4.0 | 96 | 0.00 |
| 33 | | Bis(2-ethylhexyl)phthalate | 0.841 | 0.897 | -6.7 | 95 | 0.00 |
| 34 | | Indeno(1,2,3-cd)pyrene | 1.390 | 1.162 | 16.4 | 83 | 0.00 |
| 35 | I | Perylene-d12 | 1.000 | 1.000 | 0.0 | 89 | 0.00 |
| 36 | | Benzo(b)fluoranthene | 1.435 | 1.482 | -3.3 | 91 | -0.02 |
| 37 | | Benzo(k)fluoranthene | 1.404 | 1.390 | 1.0 | 91 | -0.02 |
| 38 | C | Benzo(a)pyrene | 1.269 | 1.266 | 0.2 | 91 | -0.02 |
| 39 | | Dibenzo(a,h)anthracene | 1.215 | 1.103 | 9.2 | 84 | -0.02 |
| 40 | | Benzo(g,h,i)perylene | 1.270 | 1.127 | 11.3 | 82 | -0.02 |

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

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