# Evaluate Continuing Calibration Report

Data Path : Z:\HPCHEM1\BNA M\DATA\BM120415\
Data File : BM003373.D
Acq On : 03 Dec 2015 16:14
Operator : UM/IZ
Sample : SSTDCCC001
Misc :
ALS Vial : 2 Sample Multiplier: 1

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

Quant Time: Dec 04 00:22:28 2015
Quant Method : Z:\HPCHEM1\BNA M\METHODS\8270-SIM-BM120215.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Dec 02 16:19:00 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 | 70 | 0.00 |
| 2 | | 1,4-Dioxane | 0.448 | 0.419 | 6.5 | 74 | 0.00 |
| 3 | | n-Nitrosodimethylamine | 0.461 | 0.460 | 0.2 | 73 | -0.02 |
| 4 | S | 2-Fluorophenol | 0.997 | 0.914 | 8.3 | 72 | -0.02 |
| 5 | S | Phenol-d6 | 1.227 | 1.138 | 7.3 | 69 | 0.00 |
| 6 | | bis(2-Chloroethyl)ether | 1.193 | 1.134 | 4.9 | 70 | 0.00 |
| 7 | I | Naphthalene-d8 | 1.000 | 1.000 | 0.0 | 68 | 0.00 |
| 8 | S | Nitrobenzene-d5 | 0.233 | 0.222 | 4.7 | 70 | 0.00 |
| 9 | | Nitrobenzene | 0.252 | 0.241 | 4.4 | 68 | 0.00 |
| 10 | | Naphthalene | 1.077 | 1.025 | 4.8 | 70 | 0.00 |
| 11 | | Hexachlorobutadiene | 0.164 | 0.164 | 0.0 | 73 | 0.00 |
| 12 | | 2-Methylnaphthalene | 0.738 | 0.699 | 5.3 | 67 | 0.00 |
| 13 | I | Acenaphthene-d10 | 1.000 | 1.000 | 0.0 | 67 | 0.00 |
| 14 | S | 2,4,6-Tribromophenol | 0.104 | 0.099 | 4.8 | 63 | 0.00 |
| 15 | S | 2-Fluorobiphenyl | 1.505 | 1.376 | 8.6 | 68 | 0.00 |
| 16 | | Acenaphthylene | 1.976 | 1.867 | 5.5 | 65 | 0.00 |
| 17 | | Acenaphthene | 1.321 | 1.174 | 11.1 | 67 | 0.00 |
| 18 | | Fluorene | 1.490 | 1.366 | 8.3 | 65 | 0.00 |
| 19 | I | Phenanthrene-d10 | 1.000 | 1.000 | 0.0 | 66 | 0.00 |
| 20 | | 4-Bromophenyl-phenylether | 0.144 | 0.130 | 9.7 | 69 | 0.00 |
| 21 | | Hexachlorobenzene | 0.173 | 0.147 | 15.0 | 65 | 0.00 |
| 22 | | Pentachlorophenol | 0.055 | 0.048 | 12.7 | 63 | 0.00 |
| 23 | | Phenanthrene | 0.964 | 0.873 | 9.4 | 68 | 0.00 |
| 24 | | Anthracene | 1.016 | 0.904 | 11.0 | 60 | 0.00 |
| 25 | | Fluoranthene | 0.999 | 0.973 | 2.6 | 64 | 0.00 |
| 26 | I | Chrysene-d12 | 1.000 | 1.000 | 0.0 | 68 | 0.00 |
| 27 | | Benzidine | 0.409 | 0.317 | 22.5 | 60 | 0.02 |
| 28 | | Pyrene | 1.812 | 1.520 | 16.1 | 62 | 0.00 |
| 29 | S | Terphenyl-d14 | 0.811 | 0.677 | 16.5 | 60 | 0.00 |
| 30 | | Benzo(a)anthracene | 1.350 | 1.241 | 8.1 | 65 | 0.00 |
| 31 | | 3,3'-Dichlorobenzidine | 0.349 | 0.280 | 19.8 | 57 | 0.00 |
| 32 | | Chrysene | 1.563 | 1.204 | 23.0 | 55 | 0.00 |
| 33 | | Bis(2-ethylhexyl)phthalate | 0.684 | 0.398 | 41.8# | 40# | 0.00 |
| 34 | | Indeno(1,2,3-cd)pyrene | 1.163 | 0.865 | 25.6# | 65 | 0.01 |
| 35 | I | Perylene-d12 | 1.000 | 1.000 | 0.0 | 60 | 0.01 |
| 36 | | Benzo(b)fluoranthene | 1.522 | 1.483 | 2.6 | 61 | 0.00 |
| 37 | | Benzo(k)fluoranthene | 1.366 | 1.260 | 7.8 | 57 | 0.01 |
| 38 | C | Benzo(a)pyrene | 1.249 | 1.130 | 9.5 | 58 | 0.01 |
| 39 | | Dibenzo(a,h)anthracene | 1.136 | 1.022 | 10.0 | 67 | 0.01 |
| 40 | | Benzo(g,h,i)perylene | 1.199 | 1.054 | 12.1 | 67 | 0.01 |

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

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