# Evaluate Continuing Calibration Report

Data Path : Z:\HPCHEM1\BNA E\DATA\BE042716\
Data File : BE091730.D
Acq On : 27 Apr 2016 17:33
Operator : UM/SJ
Sample : SSTDCCC0.4
Misc : LOO 2 PPM
ALS Vial : 5 Sample Multiplier: 1

**Instrument :** BNA_E
**LabSampleId :** SSTDCCC0.4

Quant Time: Apr 28 03:51:58 2016
Quant Method : Z:\HPCHEM1\BNA E\METHODS\8270-SIM-BE042616.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Apr 26 16:09:46 2016
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 | 94 | 0.00 |
| 2 | | 1,4-Dioxane | 0.752 | 0.684 | 9.0 | 84 | 0.02 |
| 3 | | n-Nitrosodimethylamine | 0.908 | 0.795 | 12.4 | 84 | 0.02 |
| 4 | S | 2-Fluorophenol | 1.228 | 1.091 | 11.2 | 86 | 0.00 |
| 5 | S | Phenol-d6 | 1.629 | 1.357 | 16.7 | 83 | 0.00 |
| 6 | | bis(2-Chloroethyl)ether | 1.433 | 1.368 | 4.5 | 88 | 0.00 |
| 7 | I | Naphthalene-d8 | 1.000 | 1.000 | 0.0 | 92 | 0.00 |
| 8 | S | Nitrobenzene-d5 | 0.323 | 0.273 | 15.5 | 84 | 0.01 |
| 9 | | Nitrobenzene | 0.338 | 0.275 | 18.6 | 82 | 0.00 |
| 10 | | Naphthalene | 1.010 | 1.019 | -0.9 | 92 | 0.00 |
| 11 | | Hexachlorobutadiene | 0.149 | 0.151 | -1.3 | 95 | 0.00 |
| 12 | | 2-Methylnaphthalene | 0.649 | 0.626 | 3.5 | 89 | 0.00 |
| 13 | I | Acenaphthene-d10 | 1.000 | 1.000 | 0.0 | 89 | -0.01 |
| 14 | S | 2,4,6-Tribromophenol | 0.157 | 0.124 | 21.0 | 77 | 0.00 |
| 15 | S | 2-Fluorobiphenyl | 1.414 | 1.417 | -0.2 | 91 | 0.00 |
| 16 | | Acenaphthylene | 1.923 | 1.862 | 3.2 | 98 | 0.00 |
| 17 | | Acenaphthene | 1.247 | 1.210 | 3.0 | 87 | 0.00 |
| 18 | | Fluorene | 1.550 | 1.530 | 1.3 | 88 | 0.00 |
| 19 | I | Phenanthrene-d10 | 1.000 | 1.000 | 0.0 | 88 | 0.00 |
| 20 | | 4-Bromophenyl-phenylether | 0.180 | 0.172 | 4.4 | 84 | 0.00 |
| 21 | | Hexachlorobenzene | 0.180 | 0.181 | -0.6 | 89 | 0.00 |
| 22 | | Pentachlorophenol | 0.085 | 0.057 | 32.9# | 70 | 0.00 |
| 23 | | Phenanthrene | 1.136 | 1.168 | -2.8 | 89 | 0.00 |
| 24 | | Anthracene | 1.025 | 0.966 | 5.8 | 85 | 0.00 |
| 25 | | Fluoranthene | 1.188 | 1.125 | 5.3 | 83 | 0.00 |
| 26 | I | Chrysene-d12 | 1.000 | 1.000 | 0.0 | 78 | 0.00 |
| 27 | | Benzidine | 0.286 | 0.247 | 13.6 | 83 | 0.00 |
| 28 | | Pyrene | 1.130 | 1.194 | -5.7 | 85 | 0.00 |
| 29 | S | Terphenyl-d14 | 0.780 | 0.754 | 3.3 | 77 | 0.00 |
| 30 | | Benzo(a)anthracene | 1.221 | 1.168 | 4.3 | 76 | 0.00 |
| 31 | | 3,3'-Dichlorobenzidine | 0.623 | 0.515 | 17.3 | 74 | -0.02 |
| 32 | | Chrysene | 1.269 | 1.465 | -15.4 | 85 | 0.00 |
| 33 | | Bis(2-ethylhexyl)phthalate | 0.370 | 0.294 | 20.5 | 80 | -0.02 |
| 34 | | Indeno(1,2,3-cd)pyrene | 1.130 | 1.220 | -8.0 | 83 | 0.00 |
| 35 | I | Perylene-d12 | 1.000 | 1.000 | 0.0 | 85 | 0.00 |
| 36 | | Benzo(b)fluoranthene | 1.172 | 1.184 | -1.0 | 88 | 0.00 |
| 37 | | Benzo(k)fluoranthene | 1.191 | 1.057 | 11.3 | 79 | 0.00 |
| 38 | C | Benzo(a)pyrene | 1.103 | 0.991 | 10.2 | 80 | 0.00 |
| 39 | | Dibenzo(a,h)anthracene | 1.045 | 0.979 | 6.3 | 82 | -0.01 |
| 40 | | Benzo(g,h,i)perylene | 1.062 | 0.983 | 7.4 | 81 | -0.02 |

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

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