# Evaluate Continuing Calibration Report

Data Path : Z:\HPCHEM1\BNA E\DATA\BE062416\
Data File : BE091956.D
Acq On : 24 Jun 2016 21:07
Operator : UM/SJ
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

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

Quant Time: Jun 24 23:07:10 2016
Quant Method : Z:\HPCHEM1\BNA E\METHODS\8270-SIM-BE061416.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jun 15 12:00:38 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 | Amount | Calc. | %Dev | Area% | Dev(min) |
|---|---|---|---|---|---|---|---|
| 1 | I | 1,4-Dichlorobenzene-d4 | 5.000 | 5.000 | 0.0 | 106 | 0.02 |
| 2 | | 1,4-Dioxane | 0.400 | 0.365 | 8.8 | 94 | 0.00 |
| 3 | | n-Nitrosodimethylamine | 0.400 | 0.388 | 3.0 | 102 | 0.04 |
| 4 | S | 2-Fluorophenol | 0.400 | 0.531 | -32.8# | 143 | 0.02 |
| 5 | S | Phenol-d6 | 0.400 | 0.576 | -44.0# | 157 | 0.02 |
| 6 | | bis(2-Chloroethyl)ether | 0.400 | 0.393 | 1.8 | 105 | 0.02 |
| 7 | | n-Nitroso-di-n-propylamine | 0.400 | 0.538 | -34.5# | 137 | 0.02 |
| 8 | I | Naphthalene-d8 | 5.000 | 5.000 | 0.0 | 120 | 0.03 |
| 9 | S | Nitrobenzene-d5 | 0.400 | 0.437 | -9.2 | 130 | 0.02 |
| 10 | | Nitrobenzene | 0.400 | 0.437 | -9.2 | 131 | 0.02 |
| 11 | | bis(2-Chloroethoxy)methane | 0.400 | 0.456 | -14.0 | 127 | 0.00 |
| 12 | | Naphthalene | 0.400 | 0.419 | -4.7 | 118 | 0.00 |
| 13 | | Hexachlorobutadiene | 0.400 | 0.426 | -6.5 | 120 | 0.00 |
| 14 | | 2-Methylnaphthalene | 0.400 | 0.439 | -9.7 | 127 | 0.00 |
| 15 | I | Acenaphthene-d10 | 5.000 | 5.000 | 0.0 | 115 | 0.00 |
| 16 | S | 2,4,6-Tribromophenol | 0.400 | 0.508 | -27.0# | 168 | 0.02 |
| 17 | S | 2-Fluorobiphenyl | 0.400 | 0.435 | -8.7 | 116 | 0.00 |
| 18 | | Acenaphthylene | 0.400 | 0.452 | -13.0 | 131 | 0.03 |
| 19 | | 2,6-Dinitrotoluene | 0.400 | 0.481 | -20.2 | 136 | 0.00 |
| 20 | | Acenaphthene | 0.400 | 0.425 | -6.2 | 121 | 0.00 |
| 21 | | 2,4-Dinitrotoluene | 0.400 | 0.634 | -58.5# | 211 | 0.03 |
| 22 | | Fluorene | 0.400 | 0.425 | -6.2 | 121 | 0.02 |
| 23 | | 4-Chlorophenyl-phenylether | 0.400 | 0.406 | -1.5 | 110 | 0.00 |
| 24 | I | Phenanthrene-d10 | 5.000 | 5.000 | 0.0 | 98 | 0.00 |
| 25 | | 4-Bromophenyl-phenylether | 0.400 | 0.472 | -18.0 | 114 | 0.02 |
| 26 | | Hexachlorobenzene | 0.400 | 0.455 | -13.7 | 107 | 0.00 |
| 27 | | Pentachlorophenol | 0.400 | 0.584 | -46.0# | 163 | 0.02 |
| 28 | | Phenanthrene | 0.400 | 0.433 | -8.2 | 102 | 0.00 |
| 29 | | Anthracene | 0.400 | 0.460 | -15.0 | 115 | 0.00 |
| 30 | | Fluoranthene | 0.400 | 0.426 | -6.5 | 103 | 0.00 |
| 31 | I | Chrysene-d12 | 5.000 | 5.000 | 0.0 | 83 | 0.00 |
| 32 | | Benzidine | 0.400 | 0.884 | -121.0# | 286 | 0.00 |
| 33 | | Pyrene | 0.400 | 0.479 | -19.7 | 102 | 0.00 |
| 34 | S | Terphenyl-d14 | 0.400 | 0.433 | -8.2 | 87 | 0.00 |
| 35 | | Benzo(a)anthracene | 0.400 | 0.501 | -25.2# | 106 | 0.00 |
| 36 | | 3,3'-Dichlorobenzidine | 0.400 | 0.745 | -86.3# | 186 | 0.03 |
| 37 | | Chrysene | 0.400 | 0.473 | -18.2 | 89 | 0.00 |
| 38 | | Bis(2-ethylhexyl)phthalate | 0.400 | 1.459 | -264.8# | 303 | -0.03 |
| 39 | | Indeno(1,2,3-cd)pyrene | 0.400 | 0.474 | -18.5 | 100 | 0.00 |
| 40 | I | Perylene-d12 | 5.000 | 5.000 | 0.0 | 87 | 0.00 |
| 41 | | Benzo(b)fluoranthene | 0.400 | 0.466 | -16.5 | 98 | 0.00 |

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| | Compound | Amount | Calc. | %Dev | Area% | Dev(min) |
|---|---|---|---|---|---|---|
| 42 | Benzo(k)fluoranthene | 0.400 | 0.435 | -8.7 | 95 | 0.00 |
| 43 C | Benzo(a)pyrene | 0.400 | 0.474 | -18.5 | 104 | 0.00 |
| 44 | Dibenzo(a,h)anthracene | 0.400 | 0.454 | -13.5 | 99 | -0.02 |
| 45 | Benzo(g,h,i)perylene | 0.400 | 0.460 | -15.0 | 99 | 0.00 |

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