# Evaluate Continuing Calibration Report

Data Path : Z:\HPCHEM1\BNA E\DATA\BE080116\
Data File : BE092096.D
Acq On : 1 Aug 2016 16:51
Operator : UM/SJ
Sample : SSTDICV0.4
Misc :
ALS Vial : 10 Sample Multiplier: 1

**Instrument :** BNA_E
**ClientSampleId :** ICVBE080116

Quant Time: Aug 01 20:08:10 2016
Quant Method : Z:\HPCHEM1\BNA E\METHODS\8270-SIM-BE080116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Aug 01 17:22:55 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 | 113 | 0.00 |
| 2 | | 1,4-Dioxane | 0.722 | 0.790 | -9.4 | 124 | 0.00 |
| 3 | | n-Nitrosodimethylamine | 0.918 | 0.959 | -4.5 | 124 | 0.00 |
| 4 | S | 2-Fluorophenol | 1.631 | 1.698 | -4.1 | 113 | 0.00 |
| 5 | S | Phenol-d6 | 1.960 | 2.009 | -2.5 | 132 | 0.00 |
| 6 | | bis(2-Chloroethyl)ether | 1.545 | 1.649 | -6.7 | 128 | 0.00 |
| 7 | | n-Nitroso-di-n-propylamine | 1.469 | 1.539 | -4.8 | 126 | 0.00 |
| 8 | I | Naphthalene-d8 | 1.000 | 1.000 | 0.0 | 113 | 0.00 |
| 9 | S | Nitrobenzene-d5 | 0.429 | 0.468 | -9.1 | 131 | 0.00 |
| 10 | | Nitrobenzene | 0.416 | 0.441 | -6.0 | 130 | 0.00 |
| 11 | | bis(2-Chloroethoxy)methane | 0.560 | 0.675 | -20.5 | 126 | 0.00 |
| 12 | | Naphthalene | 1.152 | 1.315 | -14.1 | 128 | 0.00 |
| 13 | | Hexachlorobutadiene | 0.188 | 0.219 | -16.5 | 132 | 0.00 |
| 14 | | 2-Methylnaphthalene | 0.772 | 0.890 | -15.3 | 133 | 0.00 |
| 15 | I | Acenaphthene-d10 | 1.000 | 1.000 | 0.0 | 120 | 0.00 |
| 16 | S | 2,4,6-Tribromophenol | 0.363 | 0.333 | 8.3 | 111 | 0.00 |
| 17 | S | 2-Fluorobiphenyl | 1.936 | 2.167 | -11.9 | 138 | 0.00 |
| 18 | | Acenaphthylene | 11.081 | 12.836 | -15.8 | 145 | 0.00 |
| 19 | | 2,6-Dinitrotoluene | 1.299 | 1.342 | -3.3 | 131 | 0.00 |
| 20 | | Acenaphthene | 1.530 | 1.773 | -15.9 | 140 | 0.00 |
| 21 | | 2,4-Dinitrotoluene | 2.137 | 1.934 | 9.5 | 128 | 0.00 |
| 22 | | Fluorene | 2.300 | 2.578 | -12.1 | 137 | 0.00 |
| 23 | | 4-Chlorophenyl-phenylether | 1.173 | 1.277 | -8.9 | 121 | 0.00 |
| 24 | I | Phenanthrene-d10 | 1.000 | 1.000 | 0.0 | 112 | 0.00 |
| 25 | | 4-Bromophenyl-phenylether | 0.168 | 0.196 | -16.7 | 139 | 0.00 |
| 26 | | Hexachlorobenzene | 0.167 | 0.203 | -21.6 | 139 | 0.00 |
| 27 | | Pentachlorophenol | 0.031 | 0.067 | -116.1# | 394# | -0.02 |
| 28 | | Phenanthrene | 1.344 | 1.575 | -17.2 | 133 | 0.00 |
| 29 | | Anthracene | 0.997 | 1.154 | -15.7 | 135 | 0.00 |
| 30 | | Fluoranthene | 3.917 | 4.691 | -19.8 | 132 | 0.00 |
| 31 | I | Chrysene-d12 | 1.000 | 1.000 | 0.0 | 116 | 0.00 |
| 32 | | Benzidine | 0.390 | 0.332 | 14.9 | 166# | 0.00 |
| 33 | | Pyrene | 5.683 | 6.147 | -8.2 | 129 | 0.00 |
| 34 | S | Terphenyl-d14 | 0.760 | 0.852 | -12.1 | 114 | 0.00 |
| 35 | | Benzo(a)anthracene | 1.352 | 1.432 | -5.9 | 135 | 0.00 |
| 36 | | 3,3'-Dichlorobenzidine | 0.449 | 0.475 | -5.8 | 129 | 0.00 |
| 37 | | Chrysene | 1.190 | 1.410 | -18.5 | 128 | 0.00 |
| 38 | | Bis(2-ethylhexyl)phthalate | 1.208 | 1.121 | 7.2 | 114 | 0.00 |
| 39 | | Indeno(1,2,3-cd)pyrene | 5.303 | 5.898 | -11.2 | 132 | 0.00 |
| 40 | I | Perylene-d12 | 1.000 | 1.000 | 0.0 | 111 | 0.00 |
| 41 | | Benzo(b)fluoranthene | 1.387 | 1.573 | -13.4 | 134 | 0.00 |

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| | Compound | AvgRF | CCRF | %Dev | Area% | Dev(min) |
|---|---|---|---|---|---|---|
| 42 | Benzo(k)fluoranthene | 1.419 | 1.694 | -19.4 | 128 | 0.00 |
| 43 C | Benzo(a)pyrene | 1.288 | 1.485 | -15.3 | 132 | 0.00 |
| 44 | Dibenzo(a,h)anthracene | 1.197 | 1.343 | -12.2 | 130 | 0.00 |
| 45 | Benzo(g,h,i)perylene | 5.034 | 5.880 | -16.8 | 132 | -0.02 |

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