# Evaluate Continuing Calibration Report

Data Path : Z:\svoasrv\HPCHEM1\BNA N\Data\BN072320\
Data File : BN011232.D
Acq On : 22 Jul 2020 23:48
Operator : CG/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 10 Sample Multiplier: 1

**Instrument :** BNA_N
**LabSampleId :** SSTDCCC0.4

Quant Time: Jul 23 03:58:42 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN071120.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jul 22 19:29:31 2020
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 | 86 | 0.00 |
| 2 | | 1,4-Dioxane | 0.572 | 0.501 | 12.4 | 70 | 0.00 |
| 3 | | n-Nitrosodimethylamine | 0.288 | 0.254 | 11.8 | 80 | 0.00 |
| 4 | S | 2-Fluorophenol | 0.986 | 0.909 | 7.8 | 76 | 0.00 |
| 5 | S | Phenol-d6 | 1.115 | 1.128 | -1.2 | 85 | 0.00 |
| 6 | | bis(2-Chloroethyl)ether | 1.021 | 0.911 | 10.8 | 83 | 0.00 |
| 7 | I | Naphthalene-d8 | 1.000 | 1.000 | 0.0 | 95 | 0.00 |
| 8 | S | Nitrobenzene-d5 | 0.355 | 0.331 | 6.8 | 88 | 0.00 |
| 9 | | Naphthalene | 1.190 | 1.136 | 4.5 | 92 | 0.00 |
| 10 | | Hexachlorobutadiene | 0.295 | 0.272 | 7.8 | 85 | 0.00 |
| 11 | SURR | 2-Methylnaphthalene-d10 | 0.649 | 0.704 | -8.5 | 99 | 0.00 |
| 12 | | 2-Methylnaphthalene | 0.749 | 0.781 | -4.3 | 96 | 0.00 |
| 13 | I | Acenaphthene-d10 | 1.000 | 1.000 | 0.0 | 115 | 0.00 |
| 14 | S | 2,4,6-Tribromophenol | 0.178 | 0.178 | 0.0 | 112 | 0.00 |
| 15 | S | 2-Fluorobiphenyl | 1.874 | 1.656 | 11.6 | 95 | 0.00 |
| 16 | | Acenaphthylene | 2.036 | 1.856 | 8.8 | 108 | 0.00 |
| 17 | | Acenaphthene | 1.358 | 1.268 | 6.6 | 107 | 0.00 |
| 18 | | Fluorene | 1.742 | 1.717 | 1.4 | 100 | -0.01 |
| 19 | I | Phenanthrene-d10 | 1.000 | 1.000 | 0.0 | 140 | 0.00 |
| 20 | | 4,6-Dinitro-2-methylphenol | 0.053 | 0.045 | 15.1 | 117 | 0.00 |
| 21 | | 4-Bromophenyl-phenylether | 0.272 | 0.233 | 14.3 | 120 | 0.00 |
| 22 | | Hexachlorobenzene | 0.316 | 0.248 | 21.5 | 109 | -0.01 |
| 23 | | Atrazine | 0.191 | 0.181 | 5.2 | 132 | -0.01 |
| 24 | | Pentachlorophenol | 0.094 | 0.078 | 17.0 | 126 | 0.00 |
| 25 | | Phenanthrene | 1.285 | 1.203 | 6.4 | 131 | 0.00 |
| 26 | | Anthracene | 1.067 | 0.970 | 9.1 | 128 | 0.00 |
| 27 | SURR | Fluoranthene-d10 | 1.261 | 1.208 | 4.2 | 132 | 0.00 |
| 28 | | Fluoranthene | 1.541 | 1.441 | 6.5 | 125 | 0.00 |
| 29 | I | Chrysene-d12 | 1.000 | 1.000 | 0.0 | 122 | -0.01 |
| 30 | | Pyrene | 1.527 | 1.688 | -10.5 | 119 | 0.00 |
| 31 | S | Terphenyl-d14 | 1.041 | 1.156 | -11.0 | 128 | 0.00 |
| 32 | | Benzo(a)anthracene | 1.296 | 1.281 | 1.2 | 124 | -0.01 |
| 33 | | Chrysene | 1.584 | 1.539 | 2.8 | 119 | -0.01 |
| 34 | | Bis(2-ethylhexyl)phthalate | 0.534 | 0.626 | -17.2 | 145 | -0.01 |
| 35 | | Indeno(1,2,3-cd)pyrene | 1.656 | 1.429 | 13.7 | 91 | -0.02 |
| 36 | I | Perylene-d12 | 1.000 | 1.000 | 0.0 | 114 | -0.01 |
| 37 | | Benzo(b)fluoranthene | 1.607 | 1.444 | 10.1 | 113 | -0.01 |
| 38 | | Benzo(k)fluoranthene | 1.816 | 1.737 | 4.4 | 108 | -0.02 |
| 39 | C | Benzo(a)pyrene | 1.447 | 1.228 | 15.1 | 95 | -0.02 |
| 40 | | Dibenzo(a,h)anthracene | 1.533 | 1.217 | 20.6 | 88 | -0.02 |
| 41 | | Benzo(g,h,i)perylene | 1.683 | 1.344 | 20.1 | 88 | -0.02 |

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

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