# Evaluate Continuing Calibration Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN072220\
Data File : BN011222.D
Acq On : 21 Jul 2020 17:07
Operator : CG/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

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

Quant Time: Jul 21 17:37:40 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN071120.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 21 14:35:20 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 | 91 | 0.00 |
| 2 | | 1,4-Dioxane | 0.572 | 0.497 | 13.1 | 73 | 0.00 |
| 3 | | n-Nitrosodimethylamine | 0.288 | 0.263 | 8.7 | 87 | 0.00 |
| 4 | S | 2-Fluorophenol | 0.986 | 0.895 | 9.2 | 79 | 0.00 |
| 5 | S | Phenol-d6 | 1.115 | 1.111 | 0.4 | 88 | 0.00 |
| 6 | | bis(2-Chloroethyl)ether | 1.021 | 1.043 | -2.2 | 99 | 0.00 |
| 7 | I | Naphthalene-d8 | 1.000 | 1.000 | 0.0 | 100 | 0.00 |
| 8 | S | Nitrobenzene-d5 | 0.355 | 0.322 | 9.3 | 90 | 0.01 |
| 9 | | Naphthalene | 1.190 | 1.114 | 6.4 | 94 | 0.00 |
| 10 | | Hexachlorobutadiene | 0.295 | 0.267 | 9.5 | 88 | 0.00 |
| 11 | SURR | 2-Methylnaphthalene-d10 | 0.649 | 0.666 | -2.6 | 98 | 0.00 |
| 12 | | 2-Methylnaphthalene | 0.749 | 0.763 | -1.9 | 98 | 0.00 |
| 13 | I | Acenaphthene-d10 | 1.000 | 1.000 | 0.0 | 118 | 0.00 |
| 14 | S | 2,4,6-Tribromophenol | 0.178 | 0.165 | 7.3 | 107 | 0.00 |
| 15 | S | 2-Fluorobiphenyl | 1.874 | 1.655 | 11.7 | 97 | 0.00 |
| 16 | | Acenaphthylene | 2.036 | 1.831 | 10.1 | 109 | 0.01 |
| 17 | | Acenaphthene | 1.358 | 1.261 | 7.1 | 110 | 0.00 |
| 18 | | Fluorene | 1.742 | 1.648 | 5.4 | 98 | 0.00 |
| 19 | I | Phenanthrene-d10 | 1.000 | 1.000 | 0.0 | 135 | 0.00 |
| 20 | | 4,6-Dinitro-2-methylphenol | 0.053 | 0.045 | 15.1 | 113 | 0.00 |
| 21 | | 4-Bromophenyl-phenylether | 0.272 | 0.247 | 9.2 | 122 | 0.00 |
| 22 | | Hexachlorobenzene | 0.316 | 0.269 | 14.9 | 113 | 0.00 |
| 23 | | Atrazine | 0.191 | 0.182 | 4.7 | 129 | -0.01 |
| 24 | | Pentachlorophenol | 0.094 | 0.081 | 13.8 | 126 | 0.00 |
| 25 | | Phenanthrene | 1.285 | 1.187 | 7.6 | 125 | 0.00 |
| 26 | | Anthracene | 1.067 | 0.951 | 10.9 | 121 | 0.00 |
| 27 | SURR | Fluoranthene-d10 | 1.261 | 1.157 | 8.2 | 122 | 0.00 |
| 28 | | Fluoranthene | 1.541 | 1.390 | 9.8 | 116 | 0.00 |
| 29 | I | Chrysene-d12 | 1.000 | 1.000 | 0.0 | 110 | -0.01 |
| 30 | | Pyrene | 1.527 | 1.731 | -13.4 | 110 | 0.00 |
| 31 | S | Terphenyl-d14 | 1.041 | 1.184 | -13.7 | 118 | 0.00 |
| 32 | | Benzo(a)anthracene | 1.296 | 1.197 | 7.6 | 104 | 0.00 |
| 33 | | Chrysene | 1.584 | 1.610 | -1.6 | 112 | 0.00 |
| 34 | | Bis(2-ethylhexyl)phthalate | 0.534 | 0.637 | -19.3 | 132 | 0.00 |
| 35 | | Indeno(1,2,3-cd)pyrene | 1.656 | 1.477 | 10.8 | 84 | 0.00 |
| 36 | I | Perylene-d12 | 1.000 | 1.000 | 0.0 | 104 | 0.00 |
| 37 | | Benzo(b)fluoranthene | 1.607 | 1.402 | 12.8 | 101 | 0.00 |
| 38 | | Benzo(k)fluoranthene | 1.816 | 1.727 | 4.9 | 99 | -0.01 |
| 39 | C | Benzo(a)pyrene | 1.447 | 1.235 | 14.7 | 88 | 0.00 |
| 40 | | Dibenzo(a,h)anthracene | 1.533 | 1.187 | 22.6 | 79 | -0.01 |
| 41 | | Benzo(g,h,i)perylene | 1.683 | 1.360 | 19.2 | 82 | -0.01 |

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

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