# Evaluate Continuing Calibration Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN031720\
Data File : BN010263.D
Acq On : 18 Mar 2020 13:02
Operator : CG/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 32 Sample Multiplier: 1

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

Quant Time: Mar 18 15:23:08 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN031320.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Mar 16 02:17:23 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 | 146 | 0.00 |
| 2 | | 1,4-Dioxane | 0.390 | 0.380 | 2.6 | 131 | 0.00 |
| 3 | | n-Nitrosodimethylamine | 0.346 | 0.284 | 17.9 | 134 | 0.00 |
| 4 | S | 2-Fluorophenol | 0.939 | 0.789 | 16.0 | 116 | 0.00 |
| 5 | S | Phenol-d6 | 1.173 | 1.016 | 13.4 | 117 | 0.00 |
| 6 | | bis(2-Chloroethyl)ether | 0.980 | 0.971 | 0.9 | 147 | -0.02 |
| 7 | I | Naphthalene-d8 | 1.000 | 1.000 | 0.0 | 140 | -0.01 |
| 8 | S | Nitrobenzene-d5 | 0.240 | 0.240 | 0.0 | 141 | -0.01 |
| 9 | | Naphthalene | 1.002 | 1.006 | -0.4 | 139 | -0.01 |
| 10 | | Hexachlorobutadiene | 0.231 | 0.245 | -6.1 | 149 | -0.03 |
| 11 | SURR | 2-Methylnaphthalene-d10 | 0.661 | 0.632 | 4.4 | 136 | -0.01 |
| 12 | | 2-Methylnaphthalene | 0.720 | 0.690 | 4.2 | 134 | -0.01 |
| 13 | I | Acenaphthene-d10 | 1.000 | 1.000 | 0.0 | 129 | -0.02 |
| 14 | S | 2,4,6-Tribromophenol | 0.143 | 0.132 | 7.7 | 121 | -0.02 |
| 15 | S | 2-Fluorobiphenyl | 1.424 | 1.551 | -8.9 | 138 | 0.00 |
| 16 | | Acenaphthylene | 1.847 | 1.535 | 16.9 | 108 | -0.02 |
| 17 | | Acenaphthene | 1.120 | 1.124 | -0.4 | 130 | 0.00 |
| 18 | | Fluorene | 1.527 | 1.455 | 4.7 | 123 | -0.02 |
| 19 | I | Phenanthrene-d10 | 1.000 | 1.000 | 0.0 | 130 | -0.01 |
| 20 | | 4-Bromophenyl-phenylether | 0.230 | 0.239 | -3.9 | 135 | -0.01 |
| 21 | | Hexachlorobenzene | 0.224 | 0.251 | -12.1 | 145 | -0.01 |
| 22 | | Pentachlorophenol | 0.069 | 0.065 | 5.8 | 133 | -0.01 |
| 23 | | Phenanthrene | 1.061 | 1.073 | -1.1 | 129 | -0.01 |
| 24 | | Anthracene | 1.058 | 0.896 | 15.3 | 108 | -0.01 |
| 25 | SURR | Fluoranthene-d10 | 1.235 | 1.135 | 8.1 | 121 | -0.01 |
| 26 | | Fluoranthene | 1.344 | 1.302 | 3.1 | 124 | -0.01 |
| 27 | I | Chrysene-d12 | 1.000 | 1.000 | 0.0 | 122 | 0.00 |
| 28 | | Pyrene | 1.336 | 1.298 | 2.8 | 119 | -0.01 |
| 29 | S | Terphenyl-d14 | 0.912 | 0.910 | 0.2 | 120 | -0.02 |
| 30 | | Benzo(a)anthracene | 1.360 | 1.239 | 8.9 | 113 | -0.02 |
| 31 | | Chrysene | 1.339 | 1.379 | -3.0 | 127 | 0.00 |
| 32 | | Bis(2-ethylhexyl)phthalate | 0.579 | 0.310 | 46.5# | 70 | -0.02 |
| 33 | | Indeno(1,2,3-cd)pyrene | 1.588 | 1.642 | -3.4 | 125 | -0.03 |
| 34 | I | Perylene-d12 | 1.000 | 1.000 | 0.0 | 122 | -0.02 |
| 35 | | Benzo(b)fluoranthene | 1.230 | 1.192 | 3.1 | 118 | -0.02 |
| 36 | | Benzo(k)fluoranthene | 1.243 | 1.298 | -4.4 | 127 | -0.02 |
| 37 | C | Benzo(a)pyrene | 1.161 | 1.040 | 10.4 | 109 | -0.02 |
| 38 | | Dibenzo(a,h)anthracene | 1.164 | 1.213 | -4.2 | 127 | -0.03 |
| 39 | | Benzo(g,h,i)perylene | 1.163 | 1.153 | 0.9 | 120 | -0.03 |

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

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