# Evaluate Continuing Calibration Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN100319\
Data File : BN008002.D
Acq On : 04 Oct 2019 04:10
Operator : JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 19 Sample Multiplier: 1

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

Quant Time: Oct 04 05:43:10 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN091819.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Oct 03 18:39:49 2019
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 | 81 | -0.02 |
| 2 | | 1,4-Dioxane | 0.446 | 0.409 | 8.3 | 88 | -0.02 |
| 3 | | n-Nitrosodimethylamine | 0.204 | 0.308 | -51.0# | 81 | -0.02 |
| 4 | S | 2-Fluorophenol | 1.377 | 1.245 | 9.6 | 84 | -0.02 |
| 5 | S | Phenol-d6 | 1.962 | 1.718 | 12.4 | 89 | 0.00 |
| 6 | | bis(2-Chloroethyl)ether | 1.133 | 1.379 | -21.7 | 112 | -0.02 |
| 7 | I | Naphthalene-d8 | 1.000 | 1.000 | 0.0 | 89 | -0.01 |
| 8 | S | Nitrobenzene-d5 | 0.350 | 0.351 | -0.3 | 92 | -0.01 |
| 9 | | Naphthalene | 1.123 | 1.153 | -2.7 | 92 | -0.01 |
| 10 | | Hexachlorobutadiene | 0.236 | 0.255 | -8.1 | 96 | -0.03 |
| 11 | SURR | 2-Methylnaphthalene-d10 | 0.674 | 0.714 | -5.9 | 98 | -0.02 |
| 12 | | 2-Methylnaphthalene | 0.759 | 0.807 | -6.3 | 98 | -0.02 |
| 13 | I | Acenaphthene-d10 | 1.000 | 1.000 | 0.0 | 89 | -0.01 |
| 14 | S | 2,4,6-Tribromophenol | 0.218 | 0.208 | 4.6 | 102 | -0.01 |
| 15 | S | 2-Fluorobiphenyl | 1.647 | 1.564 | 5.0 | 91 | -0.01 |
| 16 | | Acenaphthylene | 2.121 | 2.097 | 1.1 | 98 | -0.02 |
| 17 | | Acenaphthene | 1.368 | 1.262 | 7.7 | 90 | -0.02 |
| 18 | | Fluorene | 1.753 | 1.649 | 5.9 | 91 | -0.01 |
| 19 | I | Phenanthrene-d10 | 1.000 | 1.000 | 0.0 | 81 | -0.01 |
| 20 | | 4-Bromophenyl-phenylether | 0.243 | 0.248 | -2.1 | 84 | -0.02 |
| 21 | | Hexachlorobenzene | 0.265 | 0.290 | -9.4 | 90 | -0.02 |
| 22 | | Pentachlorophenol | 0.098 | 0.110 | -12.2 | 104 | -0.01 |
| 23 | | Phenanthrene | 1.246 | 1.254 | -0.6 | 83 | -0.02 |
| 24 | | Anthracene | 1.125 | 1.190 | -5.8 | 89 | -0.01 |
| 25 | SURR | Fluoranthene-d10 | 1.348 | 1.363 | -1.1 | 83 | -0.02 |
| 26 | | Fluoranthene | 1.549 | 1.566 | -1.1 | 83 | -0.02 |
| 27 | I | Chrysene-d12 | 1.000 | 1.000 | 0.0 | 73 | -0.02 |
| 28 | | Pyrene | 1.364 | 1.517 | -11.2 | 85 | -0.02 |
| 29 | S | Terphenyl-d14 | 0.983 | 1.076 | -9.5 | 83 | -0.02 |
| 30 | | Benzo(a)anthracene | 1.473 | 1.501 | -1.9 | 78 | -0.01 |
| 31 | | Chrysene | 1.436 | 1.470 | -2.4 | 77 | -0.01 |
| 32 | | Bis(2-ethylhexyl)phthalate | 0.758 | 0.907 | -19.7 | 98 | -0.03 |
| 33 | | Indeno(1,2,3-cd)pyrene | 1.797 | 1.685 | 6.2 | 71 | -0.03 |
| 34 | I | Perylene-d12 | 1.000 | 1.000 | 0.0 | 70 | -0.02 |
| 35 | | Benzo(b)fluoranthene | 1.389 | 1.401 | -0.9 | 75 | -0.02 |
| 36 | | Benzo(k)fluoranthene | 1.373 | 1.322 | 3.7 | 70 | -0.02 |
| 37 | C | Benzo(a)pyrene | 1.305 | 1.304 | 0.1 | 74 | -0.02 |
| 38 | | Dibenzo(a,h)anthracene | 1.335 | 1.283 | 3.9 | 70 | -0.03 |
| 39 | | Benzo(g,h,i)perylene | 1.321 | 1.292 | 2.2 | 71 | -0.03 |

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

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