# Evaluate Continuing Calibration Report

Data Path : Z:\svoasrv\HPCHEM1\BNA E\Data\BE121918\
Data File : BE098522.D
Acq On : 19 Dec 2018 9:41
Operator : SJ/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

**Instrument :** BNA_E
**LabSampleId :** SSTDCCC0.4

Quant Time: Dec 19 11:01:10 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE121018.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Dec 10 14:59:55 2018
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 | 88 | -0.01 |
| 2 | | 1,4-Dioxane | 0.692 | 0.601 | 13.2 | 78 | -0.01 |
| 3 | | n-Nitrosodimethylamine | 0.623 | 0.388 | 37.7# | 59 | 0.00 |
| 4 | S | 2-Fluorophenol | 0.936 | 0.935 | 0.1 | 91 | 0.00 |
| 5 | S | Phenol-d6 | 1.326 | 1.602 | -20.8 | 105 | -0.01 |
| 6 | | bis(2-Chloroethyl)ether | 1.260 | 1.126 | 10.6 | 81 | -0.01 |
| 7 | I | Naphthalene-d8 | 1.000 | 1.000 | 0.0 | 99 | -0.01 |
| 8 | S | Nitrobenzene-d5 | 0.364 | 0.316 | 13.2 | 94 | 0.00 |
| 9 | | Naphthalene | 4.025 | 4.075 | -1.2 | 103 | -0.01 |
| 10 | | Hexachlorobutadiene | 0.256 | 0.255 | 0.4 | 101 | -0.01 |
| 11 | SURR | 2-Methylnaphthalene-d10 | 0.650 | 0.654 | -0.6 | 101 | -0.01 |
| 12 | | 2-Methylnaphthalene | 0.654 | 0.661 | -1.1 | 102 | -0.01 |
| 13 | I | Acenaphthene-d10 | 1.000 | 1.000 | 0.0 | 96 | -0.01 |
| 14 | S | 2,4,6-Tribromophenol | 0.147 | 0.137 | 6.8 | 94 | -0.01 |
| 15 | S | 2-Fluorobiphenyl | 1.687 | 1.648 | 2.3 | 103 | -0.01 |
| 16 | | Acenaphthylene | 1.874 | 1.701 | 9.2 | 90 | -0.01 |
| 17 | | Acenaphthene | 1.126 | 1.115 | 1.0 | 96 | -0.01 |
| 18 | | Fluorene | 1.506 | 1.433 | 4.8 | 92 | -0.01 |
| 19 | I | Phenanthrene-d10 | 1.000 | 1.000 | 0.0 | 80 | -0.02 |
| 20 | | 4-Bromophenyl-phenylether | 0.215 | 0.216 | -0.5 | 83 | -0.01 |
| 21 | | Hexachlorobenzene | 0.231 | 0.251 | -8.7 | 88 | -0.01 |
| 22 | | Pentachlorophenol | 0.046 | 0.037 | 19.6 | 82 | -0.01 |
| 23 | | Phenanthrene | 0.972 | 0.952 | 2.1 | 79 | -0.01 |
| 24 | | Anthracene | 0.866 | 0.780 | 9.9 | 73 | -0.01 |
| 25 | SURR | Fluoranthene-d10 | 5.131 | 4.960 | 3.3 | 74 | -0.01 |
| 26 | | Fluoranthene | 1.286 | 1.225 | 4.7 | 73 | -0.01 |
| 27 | I | Chrysene-d12 | 1.000 | 1.000 | 0.0 | 86 | -0.01 |
| 28 | | Pyrene | 1.255 | 1.141 | 9.1 | 77 | -0.01 |
| 29 | S | Terphenyl-d14 | 0.972 | 0.857 | 11.8 | 77 | -0.01 |
| 30 | | Benzo(a)anthracene | 1.139 | 1.073 | 5.8 | 83 | -0.03 |
| 31 | | Chrysene | 1.193 | 1.135 | 4.9 | 83 | -0.01 |
| 32 | | Bis(2-ethylhexyl)phthalate | 2.313 | 1.846 | 20.2 | 69 | -0.01 |
| 33 | | Indeno(1,2,3-cd)pyrene | 1.187 | 0.834 | 29.7# | 64 | -0.03 |
| 34 | I | Perylene-d12 | 1.000 | 1.000 | 0.0 | 89 | -0.03 |
| 35 | | Benzo(b)fluoranthene | 1.094 | 1.057 | 3.4 | 89 | -0.02 |
| 36 | | Benzo(k)fluoranthene | 1.274 | 1.316 | -3.3 | 96 | -0.03 |
| 37 | C | Benzo(a)pyrene | 1.129 | 1.101 | 2.5 | 89 | -0.02 |
| 38 | | Dibenzo(a,h)anthracene | 1.063 | 0.766 | 27.9# | 66 | -0.03 |
| 39 | | Benzo(g,h,i)perylene | 1.071 | 0.705 | 34.2# | 61 | -0.03 |

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

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