# Evaluate Continuing Calibration Report

Data Path : Z:\HPCHEM1\BNA M\DATA\BM122016\
Data File : BM008477.D
Acq On : 20 Dec 2016 13:46
Operator : UM/SJ
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

**Instrument :** BNA_M
**LabSampleId :** SSTD0.450

Quant Time: Dec 21 01:07:07 2016
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-SIM-BM121916.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Dec 20 04:48:59 2016
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 20% Max. R.T. Dev 0.50min
Max. RRF Dev : 20% Max. Rel. Area : 150%

| | | Compound | AvgRF | CCRF | %Dev | Area% | Dev(min) |
|---|---|---|---|---|---|---|---|
| 1 | I | 1,4-Dichlorobenzene-d4 | 1.000 | 1.000 | 0.0 | 140 | -0.02 |
| 2 | I | Naphthalene-d8 | 1.000 | 1.000 | 0.0 | 132 | -0.01 |
| 3 | | Naphthalene | 1.125 | 1.133 | -0.7 | 136 | -0.01 |
| 4 | SURR | 2-Methylnaphthalene-d10 | 0.613 | 0.586 | 4.4 | 132 | -0.02 |
| 5 | | 2-Methylnaphthalene | 0.757 | 0.734 | 3.0 | 133 | -0.02 |
| 6 | I | Acenaphthene-d10 | 1.000 | 1.000 | 0.0 | 127 | 0.00 |
| 7 | | Acenaphthylene | 1.809 | 1.766 | 2.4 | 129 | 0.00 |
| 8 | C | Acenaphthene | 1.361 | 1.379 | -1.3 | 131 | 0.00 |
| 9 | | Fluorene | 1.553 | 1.522 | 2.0 | 126 | -0.02 |
| 10 | I | Phenanthrene-d10 | 1.000 | 1.000 | 0.0 | 124 | 0.00 |
| 11 | | Pentachlorophenol | 0.124 | 0.155 | -25.0# | 142 | -0.02 |
| 12 | | Phenanthrene | 1.221 | 1.170 | 4.2 | 120 | 0.00 |
| 13 | | Anthracene | 1.186 | 1.159 | 2.3 | 127 | 0.00 |
| 14 | SURR | Fluoranthene-d10 | 1.101 | 1.172 | -6.4 | 133 | 0.00 |
| 15 | C | Fluoranthene | 1.498 | 1.478 | 1.3 | 125 | 0.00 |
| 16 | I | Chrysene-d12 | 1.000 | 1.000 | 0.0 | 130 | 0.00 |
| 17 | | Pyrene | 1.546 | 1.482 | 4.1 | 126 | 0.00 |
| 18 | | Benzo(a)anthracene | 1.313 | 1.263 | 3.8 | 131 | 0.00 |
| 19 | | Chrysene | 1.438 | 1.293 | 10.1 | 115 | 0.00 |
| 20 | I | Perylene-d12 | 1.000 | 1.000 | 0.0 | 126 | 0.00 |
| 21 | | Benzo(b)fluoranthene | 1.576 | 1.387 | 12.0 | 113 | 0.00 |
| 22 | | Benzo(k)fluoranthene | 1.537 | 1.592 | -3.6 | 129 | 0.00 |
| 23 | C | Benzo(a)pyrene | 1.461 | 1.450 | 0.8 | 126 | 0.00 |
| 24 | | Indeno(1,2,3-cd)pyrene | 1.741 | 1.772 | -1.8 | 126 | 0.00 |
| 25 | | Dibenzo(a,h)anthracene | 1.391 | 1.406 | -1.1 | 125 | -0.01 |
| 26 | | Benzo(g,h,i)perylene | 1.493 | 1.542 | -3.3 | 127 | 0.00 |

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