# Evaluate Continuing Calibration Report

Data Path : Z:\HPCHEM1\BNA E\DATA\BE080216\
Data File : BE092114.D
Acq On : 2 Aug 2016 16:58
Operator : UM/SJ
Sample : SSTDICV0.4
Misc :
ALS Vial : 11 Sample Multiplier: 1

**Instrument :** BNA_E
**ClientSampleId :** ICVBE080216

Quant Time: Aug 02 17:31:45 2016
Quant Method : Z:\HPCHEM1\BNA E\METHODS\8270-PAH-BE080216.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Aug 02 16:59:37 2016
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 | Amount | Calc. | %Dev | Area% | Dev(min) |
|---|---|---|---|---|---|---|---|
| 1 | I | 1,4-Dichlorobenzene-d4 | 5.000 | 5.000 | 0.0 | 91 | 0.00 |
| 2 | | 1,4-Dioxane | 0.400 | 0.422 | -5.5 | 93 | -0.01 |
| 3 | | n-Nitrosodimethylamine | 0.400 | 0.457 | -14.2 | 106 | -0.01 |
| 4 | S | 2-Fluorophenol | 0.400 | 0.377 | 5.8 | 97 | 0.00 |
| 5 | S | Phenol-d6 | 0.400 | 0.400 | 0.0 | 99 | -0.01 |
| 6 | I | Naphthalene-d8 | 5.000 | 5.000 | 0.0 | 92 | -0.01 |
| 7 | S | Nitrobenzene-d5 | 0.400 | 0.424 | -6.0 | 102 | -0.01 |
| 8 | | Naphthalene | 0.400 | 0.435 | -8.7 | 98 | 0.00 |
| 9 | | 2-Methylnaphthalene | 0.400 | 0.446 | -11.5 | 102 | 0.00 |
| 10 | I | Acenaphthene-d10 | 5.000 | 5.000 | 0.0 | 90 | -0.02 |
| 11 | S | 2,4,6-Tribromophenol | 0.400 | 0.421 | -5.2 | 114 | 0.00 |
| 12 | S | 2-Fluorobiphenyl | 0.400 | 0.442 | -10.5 | 104 | 0.00 |
| 13 | | Acenaphthylene | 0.400 | 0.441 | -10.2 | 106 | -0.02 |
| 14 | | Acenaphthene | 0.400 | 0.454 | -13.5 | 106 | 0.00 |
| 15 | | Fluorene | 0.400 | 0.443 | -10.7 | 106 | -0.01 |
| 16 | I | Phenanthrene-d10 | 5.000 | 5.000 | 0.0 | 95 | -0.02 |
| 17 | | Hexachlorobenzene | 0.400 | 0.442 | -10.5 | 103 | 0.00 |
| 18 | | Pentachlorophenol | 0.400 | 0.468 | -17.0 | 110 | 0.00 |
| 19 | | Phenanthrene | 0.400 | 0.456 | -14.0 | 114 | 0.00 |
| 20 | | Anthracene | 0.400 | 0.433 | -8.2 | 109 | 0.00 |
| 21 | | Fluoranthene | 0.400 | 0.433 | -8.2 | 107 | 0.00 |
| 22 | I | Chrysene-d12 | 5.000 | 5.000 | 0.0 | 90 | 0.00 |
| 23 | | Pyrene | 0.400 | 0.454 | -13.5 | 110 | 0.00 |
| 24 | S | Terphenyl-d14 | 0.400 | 0.447 | -11.7 | 110 | -0.02 |
| 25 | | Benzo(a)anthracene | 0.400 | 0.446 | -11.5 | 107 | 0.00 |
| 26 | | Chrysene | 0.400 | 0.443 | -10.7 | 105 | 0.00 |
| 27 | | Indeno(1,2,3-cd)pyrene | 0.400 | 0.443 | -10.7 | 108 | 0.00 |
| 28 | I | Perylene-d12 | 5.000 | 5.000 | 0.0 | 92 | 0.00 |
| 29 | | Benzo(b)fluoranthene | 0.400 | 0.420 | -5.0 | 95 | 0.00 |
| 30 | | Benzo(k)fluoranthene | 0.400 | 0.458 | -14.5 | 121 | -0.01 |
| 31 | C | Benzo(a)pyrene | 0.400 | 0.444 | -11.0 | 107 | 0.00 |
| 32 | | Dibenzo(a,h)anthracene | 0.400 | 0.436 | -9.0 | 106 | 0.00 |
| 33 | | Benzo(g,h,i)perylene | 0.400 | 0.445 | -11.2 | 108 | 0.00 |

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