

Data File : BE097271.D  
 Acq On : 10 Aug 2018 20:45  
 Operator : SJ/JU  
 Sample : SSTDCCC0.4  
 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 BNA\_E  
 LabSampleId :  
 SSTDCCC0.4

Quant Time: Aug 10 22:55:48 2018  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_E\METHODS\8270-SIM-BE072418.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Tue Jul 31 10:49:28 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    | 83    | 0.00     |
| 2       | 1,4-Dioxane                | 0.636 | 0.621 | 2.4    | 84    | 0.00     |
| 3       | n-Nitrosodimethylamine     | 0.711 | 0.499 | 29.8#  | 63    | 0.00     |
| 4 S     | 2-Fluorophenol             | 1.124 | 1.230 | -9.4   | 97    | 0.01     |
| 5 S     | Phenol-d6                  | 1.649 | 1.853 | -12.4  | 101   | 0.01     |
| 6       | bis(2-Chloroethyl)ether    | 1.506 | 1.397 | 7.2    | 83    | 0.00     |
| 7 I     | Naphthalene-d8             | 1.000 | 1.000 | 0.0    | 91    | 0.00     |
| 8 S     | Nitrobenzene-d5            | 0.347 | 0.341 | 1.7    | 95    | 0.01     |
| 9       | Naphthalene                | 3.590 | 3.382 | 5.8    | 90    | -0.01    |
| 10      | Hexachlorobutadiene        | 0.161 | 0.156 | 3.1    | 92    | 0.00     |
| 11 SURR | 2-Methylnaphthalene-d10    | 0.599 | 0.542 | 9.5    | 86    | 0.00     |
| 12      | 2-Methylnaphthalene        | 0.616 | 0.562 | 8.8    | 87    | 0.00     |
| 13 I    | Acenaphthene-d10           | 1.000 | 1.000 | 0.0    | 82    | 0.00     |
| 14 S    | 2,4,6-Tribromophenol       | 0.132 | 0.128 | 3.0    | 89    | 0.01     |
| 15 S    | 2-Fluorobiphenyl           | 1.381 | 1.341 | 2.9    | 82    | 0.00     |
| 16      | Acenaphthylene             | 1.795 | 1.710 | 4.7    | 81    | 0.00     |
| 17      | Acenaphthene               | 1.044 | 0.987 | 5.5    | 80    | 0.00     |
| 18      | Fluorene                   | 1.379 | 1.214 | 12.0   | 76    | 0.00     |
| 19 I    | Phenanthrene-d10           | 1.000 | 1.000 | 0.0    | 69    | 0.00     |
| 20      | 4-Bromophenyl-phenylether  | 0.194 | 0.194 | 0.0    | 72    | 0.00     |
| 21      | Hexachlorobenzene          | 0.209 | 0.214 | -2.4   | 72    | 0.00     |
| 22      | Pentachlorophenol          | 0.057 | 0.052 | 8.8    | 78    | 0.01     |
| 23      | Phenanthrene               | 0.953 | 0.877 | 8.0    | 66    | 0.00     |
| 24      | Anthracene                 | 0.853 | 0.797 | 6.6    | 69    | 0.01     |
| 25 SURR | Fluoranthene-d10           | 4.003 | 3.702 | 7.5    | 70    | 0.00     |
| 26      | Fluoranthene               | 1.070 | 0.975 | 8.9    | 67    | 0.00     |
| 27 I    | Chrysene-d12               | 1.000 | 1.000 | 0.0    | 73    | 0.00     |
| 28      | Pyrene                     | 1.097 | 1.014 | 7.6    | 71    | 0.00     |
| 29 S    | Terphenyl-d14              | 0.768 | 0.707 | 7.9    | 72    | 0.00     |
| 30      | Benzo(a)anthracene         | 0.995 | 0.999 | -0.4   | 82    | 0.00     |
| 31      | Chrysene                   | 1.067 | 1.004 | 5.9    | 71    | 0.01     |
| 32      | Bis(2-ethylhexyl)phthalate | 1.243 | 1.733 | -39.4# | 124   | 0.00     |
| 33      | Indeno(1,2,3-cd)pyrene     | 0.966 | 1.230 | -27.3# | 100   | 0.02     |
| 34 I    | Perylene-d12               | 1.000 | 1.000 | 0.0    | 91    | 0.00     |
| 35      | Benzo(b)fluoranthene       | 1.015 | 0.903 | 11.0   | 85    | 0.00     |
| 36      | Benzo(k)fluoranthene       | 1.185 | 1.073 | 9.5    | 89    | 0.00     |
| 37 C    | Benzo(a)pyrene             | 0.955 | 0.927 | 2.9    | 93    | 0.00     |
| 38      | Dibenzo(a,h)anthracene     | 0.953 | 1.011 | -6.1   | 102   | 0.01     |
| 39      | Benzo(g,h,i)perylene       | 1.011 | 0.970 | 4.1    | 92    | 0.02     |

Data Path : Z:\SVOASRV\HPCHEM1\BNA\_E\DATA\BE081018\  
Evaluate Continuing Calibration Report

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| Compound           | AvgRF                        | CCRF | %Dev Area | % Dev(min) |
|--------------------|------------------------------|------|-----------|------------|
| -----              |                              |      |           |            |
| (#) = Out of Range | SPCC's out = 0 CCC's out = 0 |      |           |            |