

Data Path : Z:\svoasrv\HPCHEM1\BNA E\Data\BE041519\  
 Data File : BE099322.D  
 Acq On : 15 Apr 2019 9:33  
 Operator : JU/SJ  
 Sample : SSTDCCC0.4  
 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 BNA\_E  
 LabSampleId :  
 SSTDCCC0.4

Quant Time: Apr 15 16:48:46 2019  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE040219.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Tue Apr 02 17:16:42 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                   | AvqRF | CCRF  | %Dev  | Area% | Dev(min) |
|---------|----------------------------|-------|-------|-------|-------|----------|
| 1 I     | 1,4-Dichlorobenzene-d4     | 1.000 | 1.000 | 0.0   | 143   | -0.02    |
| 2       | 1,4-Dioxane                | 0.545 | 0.566 | -3.9  | 149   | -0.01    |
| 3       | n-Nitrosodimethylamine     | 0.322 | 0.337 | -4.7  | 155#  | -0.02    |
| 4 S     | 2-Fluorophenol             | 1.063 | 1.073 | -0.9  | 138   | -0.02    |
| 5 S     | Phenol-d6                  | 1.461 | 1.575 | -7.8  | 152#  | -0.01    |
| 6       | bis(2-Chloroethyl)ether    | 1.310 | 1.408 | -7.5  | 153#  | -0.02    |
| 7 I     | Naphthalene-d8             | 1.000 | 1.000 | 0.0   | 145   | -0.01    |
| 8 S     | Nitrobenzene-d5            | 0.275 | 0.314 | -14.2 | 173#  | -0.03    |
| 9       | Naphthalene                | 4.351 | 4.621 | -6.2  | 153#  | -0.03    |
| 10      | Hexachlorobutadiene        | 0.283 | 0.291 | -2.8  | 149   | -0.01    |
| 11 SURR | 2-Methylnaphthalene-d10    | 0.698 | 0.737 | -5.6  | 156#  | -0.01    |
| 12      | 2-Methylnaphthalene        | 0.740 | 0.795 | -7.4  | 157#  | -0.01    |
| 13 I    | Acenaphthene-d10           | 1.000 | 1.000 | 0.0   | 152#  | -0.03    |
| 14 S    | 2,4,6-Tribromophenol       | 0.184 | 0.161 | 12.5  | 148   | -0.01    |
| 15 S    | 2-Fluorobiphenyl           | 1.572 | 1.643 | -4.5  | 158#  | -0.01    |
| 16      | Acenaphthylene             | 1.895 | 1.849 | 2.4   | 153#  | -0.01    |
| 17      | Acenaphthene               | 1.118 | 1.170 | -4.7  | 162#  | -0.01    |
| 18      | Fluorene                   | 1.615 | 1.682 | -4.1  | 157#  | -0.03    |
| 19 I    | Phenanthrene-d10           | 1.000 | 1.000 | 0.0   | 152#  | -0.03    |
| 20      | 4-Bromophenyl-phenylether  | 0.227 | 0.228 | -0.4  | 156#  | -0.03    |
| 21      | Hexachlorobenzene          | 0.216 | 0.216 | 0.0   | 153#  | -0.03    |
| 22      | Pentachlorophenol          | 0.090 | 0.101 | -12.2 | 196#  | -0.03    |
| 23      | Phenanthrene               | 1.035 | 1.110 | -7.2  | 160#  | -0.03    |
| 24      | Anthracene                 | 0.976 | 1.006 | -3.1  | 157#  | -0.01    |
| 25 SURR | Fluoranthene-d10           | 5.280 | 5.256 | 0.5   | 149   | -0.02    |
| 26      | Fluoranthene               | 1.528 | 1.548 | -1.3  | 153#  | -0.02    |
| 27 I    | Chrysene-d12               | 1.000 | 1.000 | 0.0   | 125   | -0.02    |
| 28      | Pvrene                     | 1.056 | 1.256 | -18.9 | 151#  | -0.02    |
| 29 S    | Terphenyl-d14              | 0.730 | 0.835 | -14.4 | 144   | -0.02    |
| 30      | Benzo(a)anthracene         | 1.259 | 1.301 | -3.3  | 129   | -0.02    |
| 31      | Chrysene                   | 1.235 | 1.344 | -8.8  | 135   | -0.01    |
| 32      | Bis(2-ethylhexyl)phthalate | 1.605 | 1.342 | 16.4  | 108   | -0.02    |
| 33      | Indeno(1,2,3-cd)pyrene     | 1.412 | 1.422 | -0.7  | 122   | -0.05    |
| 34 I    | Perylene-d12               | 1.000 | 1.000 | 0.0   | 119   | -0.03    |
| 35      | Benzo(b)fluoranthene       | 1.194 | 1.243 | -4.1  | 128   | -0.03    |
| 36      | Benzo(k)fluoranthene       | 1.162 | 1.268 | -9.1  | 133   | -0.03    |
| 37 C    | Benzo(a)pyrene             | 1.122 | 1.160 | -3.4  | 127   | -0.03    |
| 38      | Dibenzo(a,h)anthracene     | 1.116 | 1.161 | -4.0  | 126   | -0.06    |
| 39      | Benzo(a,h,i)perylene       | 1.112 | 1.135 | -2.1  | 124   | -0.06    |

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