

Data Path : Z:\svoasrv\HPCHEM1\BNA E\Data\BE082818\  
 Data File : BE097379.D  
 Acq On : 28 Aug 2018 17:30  
 Operator : SJ/JU  
 Sample : SSTDCCC0.4  
 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 BNA\_E  
 LabSampleId :  
 SSTDCCC0.4

Quant Time: Aug 28 18:59:13 2018  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE082218.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Wed Aug 22 18:07:26 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                   | AvqRF | CCRF  | %Dev  | Area% | Dev(min) |
|---------|----------------------------|-------|-------|-------|-------|----------|
| 1 I     | 1,4-Dichlorobenzene-d4     | 1.000 | 1.000 | 0.0   | 88    | 0.00     |
| 2       | 1,4-Dioxane                | 0.711 | 0.808 | -13.6 | 103   | 0.00     |
| 3       | n-Nitrosodimethylamine     | 0.664 | 0.637 | 4.1   | 90    | 0.00     |
| 4 S     | 2-Fluorophenol             | 1.183 | 1.083 | 8.5   | 90    | -0.01    |
| 5 S     | Phenol-d6                  | 1.581 | 1.351 | 14.5  | 84    | -0.01    |
| 6       | bis(2-Chloroethyl)ether    | 1.455 | 1.366 | 6.1   | 89    | 0.00     |
| 7 I     | Naphthalene-d8             | 1.000 | 1.000 | 0.0   | 87    | 0.00     |
| 8 S     | Nitrobenzene-d5            | 0.287 | 0.286 | 0.3   | 97    | 0.00     |
| 9       | Naphthalene                | 3.641 | 3.853 | -5.8  | 98    | 0.00     |
| 10      | Hexachlorobutadiene        | 0.163 | 0.171 | -4.9  | 96    | 0.00     |
| 11 SURR | 2-Methylnaphthalene-d10    | 0.558 | 0.569 | -2.0  | 96    | 0.00     |
| 12      | 2-Methylnaphthalene        | 0.574 | 0.580 | -1.0  | 94    | 0.00     |
| 13 I    | Acenaphthene-d10           | 1.000 | 1.000 | 0.0   | 87    | -0.01    |
| 14 S    | 2,4,6-Tribromophenol       | 0.135 | 0.124 | 8.1   | 96    | 0.00     |
| 15 S    | 2-Fluorobiphenyl           | 1.468 | 1.571 | -7.0  | 98    | 0.00     |
| 16      | Acenaphthylene             | 1.591 | 1.618 | -1.7  | 99    | 0.00     |
| 17      | Acenaphthene               | 1.061 | 1.124 | -5.9  | 100   | 0.00     |
| 18      | Fluorene                   | 1.342 | 1.411 | -5.1  | 99    | 0.00     |
| 19 I    | Phenanthrene-d10           | 1.000 | 1.000 | 0.0   | 91    | -0.01    |
| 20      | 4-Bromophenyl-phenylether  | 0.182 | 0.186 | -2.2  | 104   | 0.00     |
| 21      | Hexachlorobenzene          | 0.201 | 0.216 | -7.5  | 106   | 0.00     |
| 22      | Pentachlorophenol          | 0.055 | 0.044 | 20.0  | 96    | 0.00     |
| 23      | Phenanthrene               | 0.952 | 0.999 | -4.9  | 104   | 0.00     |
| 24      | Anthracene                 | 0.810 | 0.803 | 0.9   | 101   | 0.00     |
| 25 SURR | Fluoranthene-d10           | 4.590 | 4.649 | -1.3  | 102   | 0.00     |
| 26      | Fluoranthene               | 1.193 | 1.224 | -2.6  | 103   | 0.00     |
| 27 I    | Chrysene-d12               | 1.000 | 1.000 | 0.0   | 87    | 0.00     |
| 28      | Pvrene                     | 0.952 | 1.027 | -7.9  | 102   | 0.00     |
| 29 S    | Terphenyl-d14              | 0.738 | 0.780 | -5.7  | 99    | 0.00     |
| 30      | Benzo(a)anthracene         | 1.012 | 0.933 | 7.8   | 89    | 0.00     |
| 31      | Chrysene                   | 1.089 | 1.151 | -5.7  | 98    | 0.00     |
| 32      | Bis(2-ethylhexyl)phthalate | 1.361 | 0.950 | 30.2# | 80    | -0.01    |
| 33      | Indeno(1,2,3-cd)pyrene     | 1.546 | 1.116 | 27.8# | 79    | 0.00     |
| 34 I    | Perylene-d12               | 1.000 | 1.000 | 0.0   | 84    | 0.00     |
| 35      | Benzo(b)fluoranthene       | 1.144 | 1.028 | 10.1  | 90    | 0.00     |
| 36      | Benzo(k)fluoranthene       | 1.264 | 1.216 | 3.8   | 94    | 0.00     |
| 37 C    | Benzo(a)pyrene             | 1.032 | 0.976 | 5.4   | 92    | 0.00     |
| 38      | Dibenzo(a,h)anthracene     | 1.356 | 1.030 | 24.0  | 79    | 0.00     |
| 39      | Benzo(a,h,i)perylene       | 1.400 | 1.061 | 24.2  | 79    | 0.00     |

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