

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE032319\  
 Data File : BE099120.D  
 Acq On : 23 Mar 2019 20:08  
 Operator : JU/SJ  
 Sample : SSTDCCC0.4  
 Misc :  
 ALS Vial : 19 Sample Multiplier: 1

Instrument :  
 BNA\_E  
 LabSampleId :  
 SSTDCCC0.4

Quant Time: Mar 23 22:24:19 2019  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE032219.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Sat Mar 23 04:40:11 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                   | Amount | Calc. | %Dev    | Area% | Dev(min) |
|---------|----------------------------|--------|-------|---------|-------|----------|
| 1 I     | 1,4-Dichlorobenzene-d4     | 0.400  | 0.400 | 0.0     | 99    | 0.00     |
| 2       | 1,4-Dioxane                | 0.400  | 0.423 | -5.7    | 121   | -0.01    |
| 3       | n-Nitrosodimethylamine     | 0.400  | 0.446 | -11.5   | 120   | -0.01    |
| 4 S     | 2-Fluorophenol             | 0.400  | 0.477 | -19.2   | 133   | 0.00     |
| 5 S     | Phenol-d6                  | 0.400  | 0.495 | -23.7   | 141   | 0.00     |
| 6       | bis(2-Chloroethyl)ether    | 0.400  | 0.465 | -16.3   | 129   | -0.01    |
| 7 I     | Naphthalene-d8             | 0.400  | 0.400 | 0.0     | 109   | -0.01    |
| 8 S     | Nitrobenzene-d5            | 0.400  | 0.837 | -109.2# | 286   | -0.01    |
| 9       | Naphthalene                | 0.400  | 0.442 | -10.5   | 136   | 0.00     |
| 10      | Hexachlorobutadiene        | 0.400  | 0.463 | -15.8   | 140   | 0.00     |
| 11 SURR | 2-Methylnaphthalene-d10    | 0.400  | 0.472 | -18.0   | 147   | -0.02    |
| 12      | 2-Methylnaphthalene        | 0.400  | 0.472 | -18.0   | 149   | -0.02    |
| 13 I    | Acenaphthene-d10           | 0.400  | 0.400 | 0.0     | 127   | 0.00     |
| 14 S    | 2,4,6-Tribromophenol       | 0.400  | 0.804 | -101.0# | 329   | 0.00     |
| 15 S    | 2-Fluorobiphenyl           | 0.400  | 0.455 | -13.7   | 158   | -0.02    |
| 16      | Acenaphthylene             | 0.400  | 0.432 | -8.0    | 162   | -0.02    |
| 17      | Acenaphthene               | 0.400  | 0.436 | -9.0    | 162   | 0.00     |
| 18      | Fluorene                   | 0.400  | 0.440 | -10.0   | 162   | 0.00     |
| 19 I    | Phenanthrene-d10           | 0.400  | 0.400 | 0.0     | 124   | 0.00     |
| 20      | 4-Bromophenyl-phenylether  | 0.400  | 0.485 | -21.2   | 176   | 0.00     |
| 21      | Hexachlorobenzene          | 0.400  | 0.489 | -22.2   | 180   | 0.00     |
| 22      | Pentachlorophenol          | 0.400  | 0.714 | -78.5#  | 289   | -0.01    |
| 23      | Phenanthrene               | 0.400  | 0.434 | -8.5    | 159   | 0.00     |
| 24      | Anthracene                 | 0.400  | 0.419 | -4.7    | 156   | 0.00     |
| 25 SURR | Fluoranthene-d10           | 0.400  | 0.404 | -1.0    | 144   | 0.00     |
| 26      | Fluoranthene               | 0.400  | 0.394 | 1.5     | 146   | 0.00     |
| 27 I    | Chrysene-d12               | 0.400  | 0.400 | 0.0     | 116   | -0.01    |
| 28      | Pvrene                     | 0.400  | 0.425 | -6.2    | 146   | 0.00     |
| 29 S    | Terphenyl-d14              | 0.400  | 0.472 | -18.0   | 156   | 0.00     |
| 30      | Benzo(a)anthracene         | 0.400  | 0.421 | -5.2    | 144   | 0.00     |
| 31      | Chrysene                   | 0.400  | 0.426 | -6.5    | 148   | 0.00     |
| 32      | Bis(2-ethylhexyl)phthalate | 0.400  | 0.489 | -22.2   | 201   | -0.01    |
| 33      | Indeno(1,2,3-cd)pyrene     | 0.400  | 0.438 | -9.5    | 151   | -0.01    |
| 34 I    | Perylene-d12               | 0.400  | 0.400 | 0.0     | 124   | 0.00     |
| 35      | Benzo(b)fluoranthene       | 0.400  | 0.400 | 0.0     | 150   | 0.00     |
| 36      | Benzo(k)fluoranthene       | 0.400  | 0.414 | -3.5    | 154   | 0.00     |
| 37 C    | Benzo(a)pyrene             | 0.400  | 0.404 | -1.0    | 152   | 0.00     |
| 38      | Dibenzo(a,h)anthracene     | 0.400  | 0.408 | -2.0    | 154   | -0.02    |
| 39      | Benzo(a,h,i)perylene       | 0.400  | 0.401 | -0.3    | 149   | -0.02    |

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