

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN070519\  
 Data File : BN006710.D  
 Acq On : 05 Jul 2019 11:56  
 Operator : HP/JU  
 Sample : SSTDCCC0.4  
 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 LabSampleId :  
 SSTDCCC0.4

Quant Time: Jul 05 13:27:45 2019  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN070219.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Fri Jul 05 05:30:28 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    | 76    | -0.02    |
| 2       | 1,4-Dioxane                | 0.400  | 0.417 | -4.2   | 80    | -0.04    |
| 3       | n-Nitrosodimethylamine     | 0.400  | 0.359 | 10.3   | 74    | -0.02    |
| 4 S     | 2-Fluorophenol             | 0.400  | 0.353 | 11.8   | 69    | -0.02    |
| 5 S     | Phenol-d6                  | 0.400  | 0.369 | 7.8    | 74    | -0.02    |
| 6       | bis(2-Chloroethyl)ether    | 0.400  | 0.423 | -5.7   | 90    | -0.02    |
| 7 I     | Naphthalene-d8             | 0.400  | 0.400 | 0.0    | 84    | -0.03    |
| 8 S     | Nitrobenzene-d5            | 0.400  | 0.347 | 13.3   | 76    | -0.03    |
| 9       | Naphthalene                | 0.400  | 0.389 | 2.8    | 79    | -0.03    |
| 10      | Hexachlorobutadiene        | 0.400  | 0.407 | -1.7   | 79    | -0.03    |
| 11 SURR | 2-Methylnaphthalene-d10    | 0.400  | 0.397 | 0.8    | 81    | -0.02    |
| 12      | 2-Methylnaphthalene        | 0.400  | 0.361 | 9.8    | 77    | -0.02    |
| 13 I    | Acenaphthene-d10           | 0.400  | 0.400 | 0.0    | 95    | -0.02    |
| 14 S    | 2,4,6-Tribromophenol       | 0.400  | 0.400 | 0.0    | 101   | -0.02    |
| 15 S    | 2-Fluorobiphenyl           | 0.400  | 0.365 | 8.8    | 84    | -0.02    |
| 16      | Acenaphthylene             | 0.400  | 0.393 | 1.8    | 92    | -0.02    |
| 17      | Acenaphthene               | 0.400  | 0.393 | 1.8    | 87    | -0.03    |
| 18      | Fluorene                   | 0.400  | 0.392 | 2.0    | 89    | -0.02    |
| 19 I    | Phenanthrene-d10           | 0.400  | 0.400 | 0.0    | 101   | -0.02    |
| 20      | 4-Bromophenyl-phenylether  | 0.400  | 0.361 | 9.8    | 91    | -0.02    |
| 21      | Hexachlorobenzene          | 0.400  | 0.395 | 1.3    | 94    | -0.02    |
| 22      | Pentachlorophenol          | 0.400  | 0.565 | -41.2# | 162   | -0.05    |
| 23      | Phenanthrene               | 0.400  | 0.366 | 8.5    | 90    | -0.02    |
| 24      | Anthracene                 | 0.400  | 0.360 | 10.0   | 90    | -0.02    |
| 25 SURR | Fluoranthene-d10           | 0.400  | 0.410 | -2.5   | 98    | -0.02    |
| 26      | Fluoranthene               | 0.400  | 0.398 | 0.5    | 95    | -0.02    |
| 27 I    | Chrysene-d12               | 0.400  | 0.400 | 0.0    | 111   | -0.02    |
| 28      | Pvrene                     | 0.400  | 0.360 | 10.0   | 95    | -0.02    |
| 29 S    | Terphenyl-d14              | 0.400  | 0.383 | 4.3    | 102   | -0.02    |
| 30      | Benzo(a)anthracene         | 0.400  | 0.381 | 4.8    | 98    | -0.03    |
| 31      | Chrysene                   | 0.400  | 0.384 | 4.0    | 102   | -0.03    |
| 32      | Bis(2-ethylhexyl)phthalate | 0.400  | 0.076 | 81.0#  | 33    | -0.02    |
| 33      | Indeno(1,2,3-cd)pyrene     | 0.400  | 0.423 | -5.7   | 107   | -0.06    |
| 34 I    | Perylene-d12               | 0.400  | 0.400 | 0.0    | 118   | -0.05    |
| 35      | Benzo(b)fluoranthene       | 0.400  | 0.368 | 8.0    | 102   | -0.04    |
| 36      | Benzo(k)fluoranthene       | 0.400  | 0.370 | 7.5    | 103   | -0.04    |
| 37 C    | Benzo(a)pyrene             | 0.400  | 0.381 | 4.8    | 103   | -0.05    |
| 38      | Dibenzo(a,h)anthracene     | 0.400  | 0.389 | 2.8    | 107   | -0.06    |
| 39      | Benzo(a,h,i)perylene       | 0.400  | 0.390 | 2.5    | 107   | -0.07    |

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