

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN092519\  
 Data File : BN007851.D  
 Acq On : 25 Sep 2019 13:24  
 Operator : JU  
 Sample : SSTDCCC0.4  
 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 LabSampleId :  
 SSTDCCC0.4

Quant Time: Sep 26 04:01:01 2019  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN091819.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Wed Sep 18 18:24:40 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    | 176   | 0.00     |
| 2       | 1,4-Dioxane                | 0.400  | 0.402 | -0.5   | 209   | 0.00     |
| 3       | n-Nitrosodimethylamine     | 0.400  | 0.675 | -68.8# | 195   | 0.00     |
| 4 S     | 2-Fluorophenol             | 0.400  | 0.344 | 14.0   | 174   | 0.00     |
| 5 S     | Phenol-d6                  | 0.400  | 0.354 | 11.5   | 172   | 0.00     |
| 6       | bis(2-Chloroethyl)ether    | 0.400  | 0.426 | -6.5   | 212   | -0.02    |
| 7 I     | Naphthalene-d8             | 0.400  | 0.400 | 0.0    | 179   | -0.01    |
| 8 S     | Nitrobenzene-d5            | 0.400  | 0.383 | 4.3    | 176   | 0.00     |
| 9       | Naphthalene                | 0.400  | 0.428 | -7.0   | 192   | -0.01    |
| 10      | Hexachlorobutadiene        | 0.400  | 0.426 | -6.5   | 189   | -0.01    |
| 11 SURR | 2-Methylnaphthalene-d10    | 0.400  | 0.433 | -8.2   | 200   | -0.01    |
| 12      | 2-Methylnaphthalene        | 0.400  | 0.439 | -9.7   | 202   | -0.01    |
| 13 I    | Acenaphthene-d10           | 0.400  | 0.400 | 0.0    | 180   | -0.01    |
| 14 S    | 2,4,6-Tribromophenol       | 0.400  | 0.261 | 34.8#  | 141   | -0.01    |
| 15 S    | 2-Fluorobiphenyl           | 0.400  | 0.400 | 0.0    | 194   | -0.01    |
| 16      | Acenaphthylene             | 0.400  | 0.369 | 7.8    | 185   | -0.02    |
| 17      | Acenaphthene               | 0.400  | 0.378 | 5.5    | 186   | -0.02    |
| 18      | Fluorene                   | 0.400  | 0.392 | 2.0    | 193   | -0.01    |
| 19 I    | Phenanthrene-d10           | 0.400  | 0.400 | 0.0    | 171   | -0.01    |
| 20      | 4-Bromophenyl-phenylether  | 0.400  | 0.431 | -7.7   | 187   | -0.02    |
| 21      | Hexachlorobenzene          | 0.400  | 0.441 | -10.2  | 190   | -0.01    |
| 22      | Pentachlorophenol          | 0.400  | 0.304 | 24.0   | 149   | -0.01    |
| 23      | Phenanthrene               | 0.400  | 0.431 | -7.7   | 186   | -0.01    |
| 24      | Anthracene                 | 0.400  | 0.410 | -2.5   | 181   | -0.01    |
| 25 SURR | Fluoranthene-d10           | 0.400  | 0.393 | 1.8    | 169   | -0.01    |
| 26      | Fluoranthene               | 0.400  | 0.402 | -0.5   | 173   | -0.01    |
| 27 I    | Chrysene-d12               | 0.400  | 0.400 | 0.0    | 144   | -0.01    |
| 28      | Pvrene                     | 0.400  | 0.456 | -14.0  | 170   | -0.01    |
| 29 S    | Terphenyl-d14              | 0.400  | 0.469 | -17.2  | 175   | -0.01    |
| 30      | Benzo(a)anthracene         | 0.400  | 0.395 | 1.3    | 148   | -0.01    |
| 31      | Chrysene                   | 0.400  | 0.416 | -4.0   | 153   | -0.01    |
| 32      | Bis(2-ethylhexyl)phthalate | 0.400  | 0.297 | 25.8#  | 120   | -0.02    |
| 33      | Indeno(1,2,3-cd)pyrene     | 0.400  | 0.307 | 23.3   | 113   | -0.02    |
| 34 I    | Perylene-d12               | 0.400  | 0.400 | 0.0    | 119   | -0.02    |
| 35      | Benzo(b)fluoranthene       | 0.400  | 0.419 | -4.7   | 132   | -0.01    |
| 36      | Benzo(k)fluoranthene       | 0.400  | 0.461 | -15.3  | 143   | -0.02    |
| 37 C    | Benzo(a)pyrene             | 0.400  | 0.406 | -1.5   | 127   | -0.01    |
| 38      | Dibenzo(a,h)anthracene     | 0.400  | 0.361 | 9.8    | 112   | -0.02    |
| 39      | Benzo(a,h,i)perylene       | 0.400  | 0.357 | 10.8   | 111   | -0.03    |

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|--------------------|------------------------------|-------|------|-------|----------|
| -----              |                              |       |      |       |          |
| (#) = Out of Range | SPCC's out = 0 CCC's out = 0 |       |      |       |          |