

Data Path : Z:\svoasrv\HPCHEM1\BNA N\Data\BN032519\  
 Data File : BN004970.D  
 Acq On : 25 Mar 2019 20:39  
 Operator : JU/SJ  
 Sample : SSTDCCC0.4  
 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 LabSampleId :  
 SSTDCCC0.4

Quant Time: Mar 26 02:07:08 2019  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN032019.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Wed Mar 20 16:06:20 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    | 305   | 0.00     |
| 2       | 1,4-Dioxane                | 0.400  | 0.408 | -2.0   | 308   | -0.02    |
| 3       | n-Nitrosodimethylamine     | 0.400  | 0.471 | -17.7  | 387   | -0.02    |
| 4 S     | 2-Fluorophenol             | 0.400  | 0.481 | -20.2  | 360   | 0.00     |
| 5 S     | Phenol-d6                  | 0.400  | 0.488 | -22.0  | 374   | 0.00     |
| 6       | bis(2-Chloroethyl)ether    | 0.400  | 0.434 | -8.5   | 340   | -0.02    |
| 7 I     | Naphthalene-d8             | 0.400  | 0.400 | 0.0    | 297   | -0.03    |
| 8 S     | Nitrobenzene-d5            | 0.400  | 0.502 | -25.5# | 376   | -0.03    |
| 9       | Naphthalene                | 0.400  | 0.432 | -8.0   | 316   | -0.03    |
| 10      | Hexachlorobutadiene        | 0.400  | 0.422 | -5.5   | 311   | -0.03    |
| 11 SURR | 2-Methylnaphthalene-d10    | 0.400  | 0.396 | 1.0    | 294   | -0.01    |
| 12      | 2-Methylnaphthalene        | 0.400  | 0.399 | 0.3    | 293   | -0.01    |
| 13 I    | Acenaphthene-d10           | 0.400  | 0.400 | 0.0    | 233   | -0.01    |
| 14 S    | 2,4,6-Tribromophenol       | 0.400  | 0.374 | 6.5    | 232   | -0.01    |
| 15 S    | 2-Fluorobiphenyl           | 0.400  | 0.479 | -19.7  | 275   | -0.01    |
| 16      | Acenaphthylene             | 0.400  | 0.472 | -18.0  | 289   | -0.01    |
| 17      | Acenaphthene               | 0.400  | 0.434 | -8.5   | 250   | -0.01    |
| 18      | Fluorene                   | 0.400  | 0.388 | 3.0    | 222   | -0.01    |
| 19 I    | Phenanthrene-d10           | 0.400  | 0.400 | 0.0    | 175   | -0.01    |
| 20      | 4-Bromophenyl-phenylether  | 0.400  | 0.478 | -19.5  | 211   | -0.01    |
| 21      | Hexachlorobenzene          | 0.400  | 0.420 | -5.0   | 182   | 0.00     |
| 22      | Pentachlorophenol          | 0.400  | 0.470 | -17.5  | 238   | -0.01    |
| 23      | Phenanthrene               | 0.400  | 0.412 | -3.0   | 179   | -0.01    |
| 24      | Anthracene                 | 0.400  | 0.455 | -13.7  | 203   | -0.01    |
| 25 SURR | Fluoranthene-d10           | 0.400  | 0.355 | 11.3   | 157   | -0.01    |
| 26      | Fluoranthene               | 0.400  | 0.352 | 12.0   | 153   | -0.01    |
| 27 I    | Chrysene-d12               | 0.400  | 0.400 | 0.0    | 124   | 0.00     |
| 28      | Pvrene                     | 0.400  | 0.490 | -22.5  | 149   | -0.01    |
| 29 S    | Terphenyl-d14              | 0.400  | 0.505 | -26.2# | 155   | -0.01    |
| 30      | Benzo(a)anthracene         | 0.400  | 0.447 | -11.7  | 140   | -0.01    |
| 31      | Chrysene                   | 0.400  | 0.411 | -2.7   | 123   | -0.01    |
| 32      | Bis(2-ethylhexyl)phthalate | 0.400  | 0.784 | -96.0# | 263   | 0.00     |
| 33      | Indeno(1,2,3-cd)pyrene     | 0.400  | 0.397 | 0.8    | 118   | 0.00     |
| 34 I    | Perylene-d12               | 0.400  | 0.400 | 0.0    | 125   | -0.01    |
| 35      | Benzo(b)fluoranthene       | 0.400  | 0.409 | -2.2   | 125   | 0.00     |
| 36      | Benzo(k)fluoranthene       | 0.400  | 0.388 | 3.0    | 123   | 0.00     |
| 37 C    | Benzo(a)pyrene             | 0.400  | 0.404 | -1.0   | 127   | -0.01    |
| 38      | Dibenzo(a,h)anthracene     | 0.400  | 0.382 | 4.5    | 118   | -0.01    |
| 39      | Benzo(a,h,i)perylene       | 0.400  | 0.379 | 5.3    | 116   | -0.01    |

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