

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN090619\  
 Data File : BN007545.D  
 Acq On : 06 Sep 2019 17:00  
 Operator : HP/JU  
 Sample : SSTDCCC0.4  
 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 LabSampleId :  
 SSTDCCC0.4

Quant Time: Sep 06 18:24:16 2019  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN082319.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Thu Aug 29 12:18:45 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   | 154   | -0.02    |
| 2       | 1,4-Dioxane                | 0.400  | 0.447 | -11.7 | 166   | 0.00     |
| 3       | n-Nitrosodimethylamine     | 0.400  | 0.287 | 28.3# | 107   | 0.00     |
| 4 S     | 2-Fluorophenol             | 0.400  | 0.356 | 11.0  | 136   | -0.02    |
| 5 S     | Phenol-d6                  | 0.400  | 0.328 | 18.0  | 134   | 0.00     |
| 6       | bis(2-Chloroethyl)ether    | 0.400  | 0.379 | 5.3   | 147   | 0.00     |
| 7 I     | Naphthalene-d8             | 0.400  | 0.400 | 0.0   | 151   | -0.01    |
| 8 S     | Nitrobenzene-d5            | 0.400  | 0.367 | 8.3   | 145   | 0.00     |
| 9       | Naphthalene                | 0.400  | 0.400 | 0.0   | 147   | -0.01    |
| 10      | Hexachlorobutadiene        | 0.400  | 0.360 | 10.0  | 131   | -0.01    |
| 11 SURR | 2-Methylnaphthalene-d10    | 0.400  | 0.371 | 7.3   | 138   | 0.00     |
| 12      | 2-Methylnaphthalene        | 0.400  | 0.383 | 4.3   | 140   | -0.01    |
| 13 I    | Acenaphthene-d10           | 0.400  | 0.400 | 0.0   | 146   | -0.01    |
| 14 S    | 2,4,6-Tribromophenol       | 0.400  | 0.302 | 24.5  | 113   | -0.01    |
| 15 S    | 2-Fluorobiphenyl           | 0.400  | 0.416 | -4.0  | 149   | -0.01    |
| 16      | Acenaphthylene             | 0.400  | 0.327 | 18.3  | 118   | -0.01    |
| 17      | Acenaphthene               | 0.400  | 0.396 | 1.0   | 142   | -0.01    |
| 18      | Fluorene                   | 0.400  | 0.396 | 1.0   | 142   | -0.01    |
| 19 I    | Phenanthrene-d10           | 0.400  | 0.400 | 0.0   | 140   | -0.01    |
| 20      | 4-Bromophenyl-phenylether  | 0.400  | 0.110 | 72.5# | 44    | 0.00     |
| 21      | Hexachlorobenzene          | 0.400  | 0.406 | -1.5  | 141   | -0.01    |
| 22      | Pentachlorophenol          | 0.400  | 0.243 | 39.3# | 91    | -0.01    |
| 23      | Phenanthrene               | 0.400  | 0.424 | -6.0  | 148   | -0.01    |
| 24      | Anthracene                 | 0.400  | 0.358 | 10.5  | 124   | -0.01    |
| 25 SURR | Fluoranthene-d10           | 0.400  | 0.366 | 8.5   | 124   | 0.00     |
| 26      | Fluoranthene               | 0.400  | 0.390 | 2.5   | 133   | 0.00     |
| 27 I    | Chrysene-d12               | 0.400  | 0.400 | 0.0   | 138   | -0.01    |
| 28      | Pvrene                     | 0.400  | 0.390 | 2.5   | 131   | 0.00     |
| 29 S    | Terphenyl-d14              | 0.400  | 0.398 | 0.5   | 133   | -0.01    |
| 30      | Benzo(a)anthracene         | 0.400  | 0.344 | 14.0  | 117   | -0.01    |
| 31      | Chrysene                   | 0.400  | 0.423 | -5.7  | 140   | -0.01    |
| 32      | Bis(2-ethylhexyl)phthalate | 0.400  | 0.216 | 46.0# | 74    | -0.02    |
| 33      | Indeno(1,2,3-cd)pyrene     | 0.400  | 0.436 | -9.0  | 145   | -0.03    |
| 34 I    | Perylene-d12               | 0.400  | 0.400 | 0.0   | 142   | -0.02    |
| 35      | Benzo(b)fluoranthene       | 0.400  | 0.384 | 4.0   | 133   | -0.01    |
| 36      | Benzo(k)fluoranthene       | 0.400  | 0.450 | -12.5 | 154   | -0.01    |
| 37 C    | Benzo(a)pyrene             | 0.400  | 0.382 | 4.5   | 132   | -0.01    |
| 38      | Dibenzo(a,h)anthracene     | 0.400  | 0.410 | -2.5  | 141   | -0.02    |
| 39      | Benzo(a,h,i)perylene       | 0.400  | 0.419 | -4.7  | 144   | -0.03    |

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