

Data Path : \\74.0.250.170\svoasrv\HPCHEM1\BNA N\Data\BN030118\  
 Data File : BN000216.D  
 Acq On : 01 Mar 2018 14:28  
 Operator : JU/SJ  
 Sample : SSTDCCC0.4  
 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 LabSampleId :  
 SSTDCCC0.4

Quant Time: Mar 01 17:46:19 2018  
 Quant Method : Z:\HPCHEM1\BNA N\METHODS\8270-SIM-BN022718.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Tue Feb 27 15:07:57 2018  
 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  | 66    | 0.00     |
| 2       | 1,4-Dioxane                | 0.400  | 0.425 | -6.2 | 75    | 0.00     |
| 3       | n-Nitrosodimethylamine     | 0.400  | 0.342 | 14.5 | 55    | 0.00     |
| 4 S     | 2-Fluorophenol             | 0.400  | 0.425 | -6.2 | 69    | 0.00     |
| 5 S     | Phenol-d6                  | 0.400  | 0.421 | -5.2 | 70    | 0.00     |
| 6       | bis(2-Chloroethyl)ether    | 0.400  | 0.412 | -3.0 | 66    | 0.00     |
| 7 I     | Naphthalene-d8             | 0.400  | 0.400 | 0.0  | 67    | 0.00     |
| 8 S     | Nitrobenzene-d5            | 0.400  | 0.385 | 3.8  | 64    | 0.00     |
| 9       | Naphthalene                | 0.400  | 0.406 | -1.5 | 67    | 0.00     |
| 10      | Hexachlorobutadiene        | 0.400  | 0.408 | -2.0 | 66    | 0.00     |
| 11 SURR | 2-Methylnaphthalene-d10    | 0.400  | 0.411 | -2.7 | 68    | 0.00     |
| 12      | 2-Methylnaphthalene        | 0.400  | 0.404 | -1.0 | 67    | 0.00     |
| 13 I    | Acenaphthene-d10           | 0.400  | 0.400 | 0.0  | 73    | 0.00     |
| 14 S    | 2,4,6-Tribromophenol       | 0.400  | 0.392 | 2.0  | 73    | 0.00     |
| 15 S    | 2-Fluorobiphenyl           | 0.400  | 0.384 | 4.0  | 68    | 0.00     |
| 16      | Acenaphthylene             | 0.400  | 0.348 | 13.0 | 65    | 0.00     |
| 17      | Acenaphthene               | 0.400  | 0.379 | 5.3  | 69    | 0.00     |
| 18      | Fluorene                   | 0.400  | 0.377 | 5.8  | 69    | 0.00     |
| 19 I    | Phenanthrene-d10           | 0.400  | 0.400 | 0.0  | 76    | 0.00     |
| 20      | 4-Bromophenyl-phenylether  | 0.400  | 0.368 | 8.0  | 70    | 0.00     |
| 21      | Hexachlorobenzene          | 0.400  | 0.372 | 7.0  | 70    | 0.00     |
| 22      | Pentachlorophenol          | 0.400  | 0.384 | 4.0  | 73    | 0.00     |
| 23      | Phenanthrene               | 0.400  | 0.374 | 6.5  | 70    | 0.00     |
| 24      | Anthracene                 | 0.400  | 0.354 | 11.5 | 68    | 0.00     |
| 25 SURR | Fluoranthene-d10           | 0.400  | 0.371 | 7.3  | 71    | 0.00     |
| 26      | Fluoranthene               | 0.400  | 0.361 | 9.8  | 69    | 0.00     |
| 27 I    | Chrysene-d12               | 0.400  | 0.400 | 0.0  | 76    | 0.00     |
| 28      | Pvrene                     | 0.400  | 0.372 | 7.0  | 70    | 0.00     |
| 29 S    | Terphenyl-d14              | 0.400  | 0.381 | 4.8  | 71    | 0.00     |
| 30      | Benzo(a)anthracene         | 0.400  | 0.373 | 6.8  | 71    | 0.00     |
| 31      | Chrysene                   | 0.400  | 0.387 | 3.3  | 71    | 0.00     |
| 32      | Bis(2-ethylhexyl)phthalate | 0.400  | 0.350 | 12.5 | 72    | 0.00     |
| 33      | Indeno(1,2,3-cd)pyrene     | 0.400  | 0.375 | 6.3  | 68    | 0.00     |
| 34 I    | Perylene-d12               | 0.400  | 0.400 | 0.0  | 72    | 0.00     |
| 35      | Benzo(b)fluoranthene       | 0.400  | 0.374 | 6.5  | 68    | 0.00     |
| 36      | Benzo(k)fluoranthene       | 0.400  | 0.380 | 5.0  | 68    | 0.00     |
| 37 C    | Benzo(a)pyrene             | 0.400  | 0.367 | 8.3  | 67    | 0.00     |
| 38      | Dibenzo(a,h)anthracene     | 0.400  | 0.381 | 4.8  | 69    | 0.00     |
| 39      | Benzo(a,h,i)perylene       | 0.400  | 0.380 | 5.0  | 68    | 0.00     |

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