

Data Path : Z:\svoasrv\HPCHEM1\BNA N\Data\BN032119\  
 Data File : BN004888.D  
 Acq On : 22 Mar 2019 14:13  
 Operator : JU/SJ  
 Sample : SSTDCCC0.4  
 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 LabSampleId :  
 SSTDCCC0.4

Quant Time: Mar 22 22:49:27 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    | 199   | 0.00     |
| 2       | 1,4-Dioxane                | 0.400  | 0.338 | 15.5   | 167   | 0.00     |
| 3       | n-Nitrosodimethylamine     | 0.400  | 0.365 | 8.8    | 196   | 0.00     |
| 4 S     | 2-Fluorophenol             | 0.400  | 0.400 | 0.0    | 196   | 0.00     |
| 5 S     | Phenol-d6                  | 0.400  | 0.436 | -9.0   | 219   | 0.00     |
| 6       | bis(2-Chloroethyl)ether    | 0.400  | 0.415 | -3.7   | 212   | 0.00     |
| 7 I     | Naphthalene-d8             | 0.400  | 0.400 | 0.0    | 221   | -0.01    |
| 8 S     | Nitrobenzene-d5            | 0.400  | 0.396 | 1.0    | 221   | -0.01    |
| 9       | Naphthalene                | 0.400  | 0.408 | -2.0   | 223   | -0.01    |
| 10      | Hexachlorobutadiene        | 0.400  | 0.392 | 2.0    | 215   | -0.01    |
| 11 SURR | 2-Methylnaphthalene-d10    | 0.400  | 0.399 | 0.3    | 221   | 0.00     |
| 12      | 2-Methylnaphthalene        | 0.400  | 0.406 | -1.5   | 223   | 0.00     |
| 13 I    | Acenaphthene-d10           | 0.400  | 0.400 | 0.0    | 207   | -0.01    |
| 14 S    | 2,4,6-Tribromophenol       | 0.400  | 0.337 | 15.8   | 186   | 0.00     |
| 15 S    | 2-Fluorobiphenyl           | 0.400  | 0.410 | -2.5   | 209   | -0.01    |
| 16      | Acenaphthylene             | 0.400  | 0.418 | -4.5   | 228   | -0.01    |
| 17      | Acenaphthene               | 0.400  | 0.413 | -3.2   | 212   | 0.00     |
| 18      | Fluorene                   | 0.400  | 0.390 | 2.5    | 198   | 0.00     |
| 19 I    | Phenanthrene-d10           | 0.400  | 0.400 | 0.0    | 188   | 0.00     |
| 20      | 4-Bromophenyl-phenylether  | 0.400  | 0.400 | 0.0    | 190   | 0.00     |
| 21      | Hexachlorobenzene          | 0.400  | 0.399 | 0.3    | 186   | 0.00     |
| 22      | Pentachlorophenol          | 0.400  | 0.240 | 40.0#  | 131   | 0.03     |
| 23      | Phenanthrene               | 0.400  | 0.403 | -0.8   | 188   | 0.00     |
| 24      | Anthracene                 | 0.400  | 0.406 | -1.5   | 195   | 0.00     |
| 25 SURR | Fluoranthene-d10           | 0.400  | 0.385 | 3.8    | 183   | 0.00     |
| 26      | Fluoranthene               | 0.400  | 0.392 | 2.0    | 184   | 0.00     |
| 27 I    | Chrysene-d12               | 0.400  | 0.400 | 0.0    | 177   | 0.00     |
| 28      | Pvrene                     | 0.400  | 0.424 | -6.0   | 184   | 0.00     |
| 29 S    | Terphenyl-d14              | 0.400  | 0.400 | 0.0    | 174   | 0.00     |
| 30      | Benzo(a)anthracene         | 0.400  | 0.423 | -5.7   | 190   | -0.01    |
| 31      | Chrysene                   | 0.400  | 0.408 | -2.0   | 174   | -0.01    |
| 32      | Bis(2-ethylhexyl)phthalate | 0.400  | 0.524 | -31.0# | 251   | 0.00     |
| 33      | Indeno(1,2,3-cd)pyrene     | 0.400  | 0.317 | 20.8   | 135   | 0.00     |
| 34 I    | Perylene-d12               | 0.400  | 0.400 | 0.0    | 165   | 0.00     |
| 35      | Benzo(b)fluoranthene       | 0.400  | 0.423 | -5.7   | 171   | 0.00     |
| 36      | Benzo(k)fluoranthene       | 0.400  | 0.407 | -1.7   | 170   | 0.00     |
| 37 C    | Benzo(a)pyrene             | 0.400  | 0.401 | -0.3   | 166   | 0.00     |
| 38      | Dibenzo(a,h)anthracene     | 0.400  | 0.332 | 17.0   | 135   | 0.00     |
| 39      | Benzo(a,h,i)perylene       | 0.400  | 0.315 | 21.3   | 127   | 0.00     |

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