

Data Path : Z:\svoasrv\HPCHEM1\BNA E\Data\BE121319\  
 Data File : BE100895.D  
 Acq On : 13 Dec 2019 20:10  
 Operator : JU  
 Sample : SSTDCCC0.4  
 Misc :  
 ALS Vial : 19 Sample Multiplier: 1

Instrument :  
 BNA\_E  
 LabSampleId :  
 SSTDCCC0.4

Quant Time: Dec 14 03:07:44 2019  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE120419.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Fri Dec 13 10:42:38 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    | 87    | 0.00     |
| 2       | 1,4-Dioxane                | 0.400  | 0.442 | -10.5  | 96    | 0.00     |
| 3       | n-Nitrosodimethylamine     | 0.400  | 0.411 | -2.7   | 103   | 0.00     |
| 4 S     | 2-Fluorophenol             | 0.400  | 0.487 | -21.7  | 113   | -0.01    |
| 5 S     | Phenol-d6                  | 0.400  | 0.471 | -17.7  | 111   | 0.00     |
| 6       | bis(2-Chloroethyl)ether    | 0.400  | 0.447 | -11.7  | 103   | 0.00     |
| 7 I     | Naphthalene-d8             | 0.400  | 0.400 | 0.0    | 89    | 0.00     |
| 8 S     | Nitrobenzene-d5            | 0.400  | 0.598 | -49.5# | 153   | 0.00     |
| 9       | Naphthalene                | 0.400  | 0.442 | -10.5  | 102   | 0.00     |
| 10      | Hexachlorobutadiene        | 0.400  | 0.434 | -8.5   | 99    | 0.00     |
| 11 SURR | 2-Methylnaphthalene-d10    | 0.400  | 0.442 | -10.5  | 104   | 0.00     |
| 12      | 2-Methylnaphthalene        | 0.400  | 0.444 | -11.0  | 105   | 0.00     |
| 13 I    | Acenaphthene-d10           | 0.400  | 0.400 | 0.0    | 96    | 0.00     |
| 14 S    | 2,4,6-Tribromophenol       | 0.400  | 0.706 | -76.5# | 194   | -0.01    |
| 15 S    | 2-Fluorobiphenyl           | 0.400  | 0.397 | 0.8    | 100   | 0.00     |
| 16      | Acenaphthylene             | 0.400  | 0.444 | -11.0  | 124   | 0.00     |
| 17      | Acenaphthene               | 0.400  | 0.437 | -9.2   | 115   | 0.00     |
| 18      | Fluorene                   | 0.400  | 0.435 | -8.7   | 117   | 0.00     |
| 19 I    | Phenanthrene-d10           | 0.400  | 0.400 | 0.0    | 96    | 0.00     |
| 20      | 4-Bromophenyl-phenylether  | 0.400  | 0.415 | -3.7   | 110   | 0.00     |
| 21      | Hexachlorobenzene          | 0.400  | 0.423 | -5.7   | 108   | 0.00     |
| 22      | Pentachlorophenol          | 0.400  | 0.775 | -93.8# | 959   | -0.01    |
| 23      | Phenanthrene               | 0.400  | 0.419 | -4.7   | 106   | 0.00     |
| 24      | Anthracene                 | 0.400  | 0.411 | -2.7   | 115   | 0.00     |
| 25 SURR | Fluoranthene-d10           | 0.400  | 0.366 | 8.5    | 97    | 0.00     |
| 26      | Fluoranthene               | 0.400  | 0.378 | 5.5    | 100   | 0.00     |
| 27 I    | Chrysene-d12               | 0.400  | 0.400 | 0.0    | 79    | 0.00     |
| 28      | Pvrene                     | 0.400  | 0.477 | -19.2  | 100   | 0.00     |
| 29 S    | Terphenyl-d14              | 0.400  | 0.423 | -5.7   | 87    | 0.00     |
| 30      | Benzo(a)anthracene         | 0.400  | 0.461 | -15.3  | 102   | 0.00     |
| 31      | Chrysene                   | 0.400  | 0.449 | -12.2  | 91    | 0.01     |
| 32      | Bis(2-ethylhexyl)phthalate | 0.400  | 0.745 | -86.3# | 155   | 0.00     |
| 33      | Indeno(1,2,3-cd)pyrene     | 0.400  | 0.452 | -13.0  | 101   | 0.00     |
| 34 I    | Perylene-d12               | 0.400  | 0.400 | 0.0    | 85    | 0.00     |
| 35      | Benzo(b)fluoranthene       | 0.400  | 0.415 | -3.7   | 94    | 0.00     |
| 36      | Benzo(k)fluoranthene       | 0.400  | 0.419 | -4.7   | 94    | 0.00     |
| 37 C    | Benzo(a)pyrene             | 0.400  | 0.412 | -3.0   | 96    | 0.00     |
| 38      | Dibenzo(a,h)anthracene     | 0.400  | 0.413 | -3.2   | 99    | 0.00     |
| 39      | Benzo(a,h,i)perylene       | 0.400  | 0.412 | -3.0   | 93    | 0.00     |

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