

Data Path : Z:\svoasrv\HPCHEM1\BNA E\Data\BE121318\  
 Data File : BE098433.D  
 Acq On : 14 Dec 2018 13:25  
 Operator : SJ/JU  
 Sample : SSTDCCC0.4  
 Misc :  
 ALS Vial : 36 Sample Multiplier: 1

Instrument :  
 BNA\_E  
 LabSampleId :  
 SSTDCCC0.4

Quant Time: Dec 14 15:38:50 2018  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE121018.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Mon Dec 10 14:59:55 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   | 97    | 0.00     |
| 2       | 1,4-Dioxane                | 0.400  | 0.342 | 14.5  | 84    | 0.00     |
| 3       | n-Nitrosodimethylamine     | 0.400  | 0.342 | 14.5  | 89    | 0.00     |
| 4 S     | 2-Fluorophenol             | 0.400  | 0.423 | -5.7  | 106   | 0.00     |
| 5 S     | Phenol-d6                  | 0.400  | 0.429 | -7.2  | 103   | -0.01    |
| 6       | bis(2-Chloroethyl)ether    | 0.400  | 0.340 | 15.0  | 85    | 0.00     |
| 7 I     | Naphthalene-d8             | 0.400  | 0.400 | 0.0   | 92    | -0.01    |
| 8 S     | Nitrobenzene-d5            | 0.400  | 0.390 | 2.5   | 98    | 0.00     |
| 9       | Naphthalene                | 0.400  | 0.392 | 2.0   | 93    | 0.00     |
| 10      | Hexachlorobutadiene        | 0.400  | 0.421 | -5.2  | 100   | 0.00     |
| 11 SURR | 2-Methylnaphthalene-d10    | 0.400  | 0.373 | 6.8   | 87    | -0.01    |
| 12      | 2-Methylnaphthalene        | 0.400  | 0.376 | 6.0   | 89    | -0.01    |
| 13 I    | Acenaphthene-d10           | 0.400  | 0.400 | 0.0   | 90    | -0.01    |
| 14 S    | 2,4,6-Tribromophenol       | 0.400  | 0.406 | -1.5  | 96    | 0.00     |
| 15 S    | 2-Fluorobiphenyl           | 0.400  | 0.373 | 6.8   | 92    | 0.00     |
| 16      | Acenaphthylene             | 0.400  | 0.381 | 4.8   | 88    | 0.00     |
| 17      | Acenaphthene               | 0.400  | 0.385 | 3.8   | 87    | 0.00     |
| 18      | Fluorene                   | 0.400  | 0.382 | 4.5   | 86    | 0.00     |
| 19 I    | Phenanthrene-d10           | 0.400  | 0.400 | 0.0   | 85    | -0.01    |
| 20      | 4-Bromophenyl-phenylether  | 0.400  | 0.368 | 8.0   | 81    | 0.00     |
| 21      | Hexachlorobenzene          | 0.400  | 0.394 | 1.5   | 85    | -0.01    |
| 22      | Pentachlorophenol          | 0.400  | 0.486 | -21.5 | 109   | 0.00     |
| 23      | Phenanthrene               | 0.400  | 0.383 | 4.3   | 82    | 0.00     |
| 24      | Anthracene                 | 0.400  | 0.358 | 10.5  | 77    | 0.00     |
| 25 SURR | Fluoranthene-d10           | 0.400  | 0.381 | 4.8   | 78    | 0.00     |
| 26      | Fluoranthene               | 0.400  | 0.389 | 2.8   | 79    | 0.00     |
| 27 I    | Chrysene-d12               | 0.400  | 0.400 | 0.0   | 97    | -0.01    |
| 28      | Pvrene                     | 0.400  | 0.344 | 14.0  | 81    | 0.00     |
| 29 S    | Terphenyl-d14              | 0.400  | 0.320 | 20.0  | 78    | 0.00     |
| 30      | Benzo(a)anthracene         | 0.400  | 0.351 | 12.3  | 87    | -0.01    |
| 31      | Chrysene                   | 0.400  | 0.386 | 3.5   | 94    | 0.00     |
| 32      | Bis(2-ethylhexyl)phthalate | 0.400  | 0.336 | 16.0  | 82    | -0.01    |
| 33      | Indeno(1,2,3-cd)pyrene     | 0.400  | 0.395 | 1.3   | 101   | -0.02    |
| 34 I    | Perylene-d12               | 0.400  | 0.400 | 0.0   | 103   | -0.01    |
| 35      | Benzo(b)fluoranthene       | 0.400  | 0.384 | 4.0   | 102   | 0.00     |
| 36      | Benzo(k)fluoranthene       | 0.400  | 0.409 | -2.2  | 110   | -0.01    |
| 37 C    | Benzo(a)pyrene             | 0.400  | 0.390 | 2.5   | 102   | -0.01    |
| 38      | Dibenzo(a,h)anthracene     | 0.400  | 0.381 | 4.8   | 101   | -0.02    |
| 39      | Benzo(a,h,i)perylene       | 0.400  | 0.380 | 5.0   | 101   | -0.02    |

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