

Data Path : Z:\svoasrv\HPCHEM1\BNA E\Data\BE122018\  
 Data File : BE098532.D  
 Acq On : 20 Dec 2018 10:46  
 Operator : SJ/JU  
 Sample : SSTDCCC0.4  
 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 BNA\_E  
 LabSampleId :  
 SSTDCCC0.4

Quant Time: Dec 20 13:21:05 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    | 48    | -0.01    |
| 2       | 1,4-Dioxane                | 0.400  | 0.443 | -10.7  | 54    | -0.01    |
| 3       | n-Nitrosodimethylamine     | 0.400  | 0.387 | 3.3    | 50    | -0.01    |
| 4 S     | 2-Fluorophenol             | 0.400  | 0.482 | -20.5  | 60    | 0.00     |
| 5 S     | Phenol-d6                  | 0.400  | 0.496 | -24.0  | 59    | -0.01    |
| 6       | bis(2-Chloroethyl)ether    | 0.400  | 0.379 | 5.3    | 47    | -0.01    |
| 7 I     | Naphthalene-d8             | 0.400  | 0.400 | 0.0    | 49    | -0.01    |
| 8 S     | Nitrobenzene-d5            | 0.400  | 0.379 | 5.3    | 51    | 0.00     |
| 9       | Naphthalene                | 0.400  | 0.417 | -4.2   | 53    | -0.01    |
| 10      | Hexachlorobutadiene        | 0.400  | 0.435 | -8.7   | 55    | -0.01    |
| 11 SURR | 2-Methylnaphthalene-d10    | 0.400  | 0.424 | -6.0   | 53    | -0.01    |
| 12      | 2-Methylnaphthalene        | 0.400  | 0.423 | -5.7   | 53    | -0.01    |
| 13 I    | Acenaphthene-d10           | 0.400  | 0.400 | 0.0    | 54    | -0.01    |
| 14 S    | 2,4,6-Tribromophenol       | 0.400  | 0.518 | -29.5# | 74    | -0.01    |
| 15 S    | 2-Fluorobiphenyl           | 0.400  | 0.373 | 6.8    | 56    | -0.01    |
| 16      | Acenaphthylene             | 0.400  | 0.371 | 7.3    | 52    | -0.01    |
| 17      | Acenaphthene               | 0.400  | 0.411 | -2.7   | 56    | -0.01    |
| 18      | Fluorene                   | 0.400  | 0.420 | -5.0   | 57    | -0.01    |
| 19 I    | Phenanthrene-d10           | 0.400  | 0.400 | 0.0    | 56    | -0.02    |
| 20      | 4-Bromophenyl-phenylether  | 0.400  | 0.395 | 1.3    | 58    | -0.01    |
| 21      | Hexachlorobenzene          | 0.400  | 0.414 | -3.5   | 59    | -0.01    |
| 22      | Pentachlorophenol          | 0.400  | 0.750 | -87.5# | 121   | -0.02    |
| 23      | Phenanthrene               | 0.400  | 0.415 | -3.7   | 59    | -0.01    |
| 24      | Anthracene                 | 0.400  | 0.385 | 3.8    | 55    | -0.01    |
| 25 SURR | Fluoranthene-d10           | 0.400  | 0.454 | -13.5  | 61    | -0.02    |
| 26      | Fluoranthene               | 0.400  | 0.441 | -10.2  | 59    | -0.01    |
| 27 I    | Chrysene-d12               | 0.400  | 0.400 | 0.0    | 72    | -0.01    |
| 28      | Pvrene                     | 0.400  | 0.350 | 12.5   | 62    | -0.01    |
| 29 S    | Terphenyl-d14              | 0.400  | 0.363 | 9.3    | 66    | -0.02    |
| 30      | Benzo(a)anthracene         | 0.400  | 0.414 | -3.5   | 76    | -0.02    |
| 31      | Chrysene                   | 0.400  | 0.396 | 1.0    | 72    | -0.01    |
| 32      | Bis(2-ethylhexyl)phthalate | 0.400  | 0.472 | -18.0  | 86    | -0.01    |
| 33      | Indeno(1,2,3-cd)pyrene     | 0.400  | 0.340 | 15.0   | 65    | -0.04    |
| 34 I    | Perylene-d12               | 0.400  | 0.400 | 0.0    | 68    | -0.03    |
| 35      | Benzo(b)fluoranthene       | 0.400  | 0.429 | -7.2   | 75    | -0.03    |
| 36      | Benzo(k)fluoranthene       | 0.400  | 0.448 | -12.0  | 79    | -0.03    |
| 37 C    | Benzo(a)pyrene             | 0.400  | 0.396 | 1.0    | 69    | -0.03    |
| 38      | Dibenzo(a,h)anthracene     | 0.400  | 0.367 | 8.3    | 64    | -0.04    |
| 39      | Benzo(a,h,i)perylene       | 0.400  | 0.384 | 4.0    | 67    | -0.05    |

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