

Data Path : Z:\svoasrv\HPCHEM1\BNA\_E\Data\BE101818\  
 Data File : BE097983.D  
 Acq On : 18 Oct 2018 18:36  
 Operator : SJ/JU  
 Sample : SSTDCCC0.4  
 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 BNA\_E  
 LabSampleId :  
 SSTDCCC0.4

Quant Time: Oct 19 01:55:54 2018  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_E\METHODS\8270-SIM-BE101618.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Tue Oct 16 15:36:44 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    | 119   | -0.01    |
| 2       | 1,4-Dioxane                | 0.400  | 0.369 | 7.8    | 119   | 0.00     |
| 3       | n-Nitrosodimethylamine     | 0.400  | 0.354 | 11.5   | 119   | 0.00     |
| 4 S     | 2-Fluorophenol             | 0.400  | 0.419 | -4.7   | 132   | -0.01    |
| 5 S     | Phenol-d6                  | 0.400  | 0.455 | -13.7  | 139   | -0.01    |
| 6       | bis(2-Chloroethyl)ether    | 0.400  | 0.399 | 0.3    | 127   | 0.00     |
| 7 I     | Naphthalene-d8             | 0.400  | 0.400 | 0.0    | 134   | -0.01    |
| 8 S     | Nitrobenzene-d5            | 0.400  | 0.415 | -3.7   | 142   | -0.01    |
| 9       | Naphthalene                | 0.400  | 0.429 | -7.2   | 147   | -0.01    |
| 10      | Hexachlorobutadiene        | 0.400  | 0.447 | -11.7  | 154   | -0.01    |
| 11 SURR | 2-Methylnaphthalene-d10    | 0.400  | 0.439 | -9.7   | 150   | -0.02    |
| 12      | 2-Methylnaphthalene        | 0.400  | 0.445 | -11.2  | 154   | -0.02    |
| 13 I    | Acenaphthene-d10           | 0.400  | 0.400 | 0.0    | 143   | -0.02    |
| 14 S    | 2,4,6-Tribromophenol       | 0.400  | 0.439 | -9.7   | 177   | -0.01    |
| 15 S    | 2-Fluorobiphenyl           | 0.400  | 0.392 | 2.0    | 148   | -0.02    |
| 16      | Acenaphthylene             | 0.400  | 0.429 | -7.2   | 161   | 0.00     |
| 17      | Acenaphthene               | 0.400  | 0.424 | -6.0   | 159   | 0.00     |
| 18      | Fluorene                   | 0.400  | 0.411 | -2.7   | 154   | 0.00     |
| 19 I    | Phenanthrene-d10           | 0.400  | 0.400 | 0.0    | 136   | -0.01    |
| 20      | 4-Bromophenyl-phenylether  | 0.400  | 0.446 | -11.5  | 155   | 0.00     |
| 21      | Hexachlorobenzene          | 0.400  | 0.470 | -17.5  | 163   | 0.00     |
| 22      | Pentachlorophenol          | 0.400  | 0.683 | -70.8# | 284   | -0.01    |
| 23      | Phenanthrene               | 0.400  | 0.419 | -4.7   | 147   | 0.00     |
| 24      | Anthracene                 | 0.400  | 0.429 | -7.2   | 152   | -0.01    |
| 25 SURR | Fluoranthene-d10           | 0.400  | 0.405 | -1.3   | 147   | -0.01    |
| 26      | Fluoranthene               | 0.400  | 0.402 | -0.5   | 146   | -0.01    |
| 27 I    | Chrysene-d12               | 0.400  | 0.400 | 0.0    | 124   | -0.01    |
| 28      | Pyrene                     | 0.400  | 0.439 | -9.7   | 145   | -0.01    |
| 29 S    | Terphenyl-d14              | 0.400  | 0.432 | -8.0   | 147   | -0.01    |
| 30      | Benzo(a)anthracene         | 0.400  | 0.414 | -3.5   | 136   | 0.00     |
| 31      | Chrysene                   | 0.400  | 0.429 | -7.2   | 145   | -0.01    |
| 32      | Bis(2-ethylhexyl)phthalate | 0.400  | 0.508 | -27.0# | 151   | -0.01    |
| 33      | Indeno(1,2,3-cd)pyrene     | 0.400  | 0.427 | -6.7   | 134   | -0.02    |
| 34 I    | Perylene-d12               | 0.400  | 0.400 | 0.0    | 122   | -0.01    |
| 35      | Benzo(b)fluoranthene       | 0.400  | 0.417 | -4.2   | 137   | -0.01    |
| 36      | Benzo(k)fluoranthene       | 0.400  | 0.412 | -3.0   | 139   | -0.01    |
| 37 C    | Benzo(a)pyrene             | 0.400  | 0.416 | -4.0   | 135   | -0.01    |
| 38      | Dibenzo(a,h)anthracene     | 0.400  | 0.415 | -3.7   | 135   | -0.02    |
| 39      | Benzo(g,h,i)perylene       | 0.400  | 0.404 | -1.0   | 135   | -0.02    |

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