

Data Path : Z:\HPCHEM1\BNA E\Data\BE121417\  
 Data File : BE094993.D  
 Acq On : 15 Dec 2017 00:56  
 Operator : SJ/JU  
 Sample : SSTDCCC0.4  
 Misc :  
 ALS Vial : 4 Sample Multiplier: 1

Instrument :  
 BNA\_E  
 LabSampleId :  
 SSTDCCC0.4

Quant Time: Dec 15 08:14:23 2017  
 Quant Method : Z:\HPCHEM1\BNA E\METHODS\8270-SIM-BE121417.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Thu Dec 14 18:42:53 2017  
 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    | 88    | 0.00     |
| 2       | 1,4-Dioxane                | 0.400  | 0.410 | -2.5   | 85    | 0.00     |
| 3       | n-Nitrosodimethylamine     | 0.400  | 0.447 | -11.7  | 98    | 0.00     |
| 4 S     | 2-Fluorophenol             | 0.400  | 0.452 | -13.0  | 104   | 0.00     |
| 5 S     | Phenol-d6                  | 0.400  | 0.466 | -16.5  | 106   | 0.00     |
| 6       | bis(2-Chloroethyl)ether    | 0.400  | 0.415 | -3.7   | 93    | 0.00     |
| 7 I     | Naphthalene-d8             | 0.400  | 0.400 | 0.0    | 95    | 0.00     |
| 8 S     | Nitrobenzene-d5            | 0.400  | 0.465 | -16.3  | 116   | 0.00     |
| 9       | Naphthalene                | 0.400  | 0.397 | 0.8    | 95    | 0.00     |
| 10      | Hexachlorobutadiene        | 0.400  | 0.402 | -0.5   | 95    | 0.00     |
| 11 SURR | 2-Methylnaphthalene-d10    | 0.400  | 0.405 | -1.3   | 97    | 0.00     |
| 12      | 2-Methylnaphthalene        | 0.400  | 0.401 | -0.3   | 96    | 0.00     |
| 13 I    | Acenaphthene-d10           | 0.400  | 0.400 | 0.0    | 98    | 0.00     |
| 14 S    | 2,4,6-Tribromophenol       | 0.400  | 0.626 | -56.5# | 165   | 0.00     |
| 15 S    | 2-Fluorobiphenyl           | 0.400  | 0.385 | 3.8    | 93    | 0.00     |
| 16      | Acenaphthylene             | 0.400  | 0.401 | -0.3   | 103   | 0.00     |
| 17      | Acenaphthene               | 0.400  | 0.402 | -0.5   | 100   | 0.00     |
| 18      | Fluorene                   | 0.400  | 0.410 | -2.5   | 103   | -0.02    |
| 19 I    | Phenanthrene-d10           | 0.400  | 0.400 | 0.0    | 99    | 0.00     |
| 20      | 4-Bromophenyl-phenylether  | 0.400  | 0.401 | -0.3   | 103   | 0.00     |
| 21      | Hexachlorobenzene          | 0.400  | 0.387 | 3.3    | 98    | 0.00     |
| 22      | Pentachlorophenol          | 0.400  | 0.652 | -63.0# | 192   | 0.00     |
| 23      | Phenanthrene               | 0.400  | 0.392 | 2.0    | 100   | -0.02    |
| 24      | Anthracene                 | 0.400  | 0.404 | -1.0   | 106   | -0.02    |
| 25 SURR | Fluoranthene-d10           | 0.400  | 0.418 | -4.5   | 109   | 0.00     |
| 26      | Fluoranthene               | 0.400  | 0.411 | -2.7   | 106   | 0.00     |
| 27 I    | Chrysene-d12               | 0.400  | 0.400 | 0.0    | 108   | 0.00     |
| 28      | Pvrene                     | 0.400  | 0.404 | -1.0   | 106   | 0.00     |
| 29 S    | Terphenyl-d14              | 0.400  | 0.408 | -2.0   | 109   | 0.00     |
| 30      | Benzo(a)anthracene         | 0.400  | 0.427 | -6.7   | 117   | 0.00     |
| 31      | Chrysene                   | 0.400  | 0.380 | 5.0    | 102   | -0.02    |
| 32      | Bis(2-ethylhexyl)phthalate | 0.400  | 0.690 | -72.5# | 208   | -0.02    |
| 33      | Indeno(1,2,3-cd)pyrene     | 0.400  | 0.423 | -5.7   | 112   | -0.01    |
| 34 I    | Perylene-d12               | 0.400  | 0.400 | 0.0    | 112   | 0.00     |
| 35      | Benzo(b)fluoranthene       | 0.400  | 0.370 | 7.5    | 104   | 0.00     |
| 36      | Benzo(k)fluoranthene       | 0.400  | 0.373 | 6.8    | 110   | 0.00     |
| 37 C    | Benzo(a)pyrene             | 0.400  | 0.387 | 3.3    | 109   | 0.00     |
| 38      | Dibenzo(a,h)anthracene     | 0.400  | 0.383 | 4.3    | 109   | -0.01    |
| 39      | Benzo(a,h,i)perylene       | 0.400  | 0.378 | 5.5    | 109   | -0.01    |

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