

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE052119\  
 Data File : BE099686.D  
 Acq On : 21 May 2019 12:31  
 Operator : JU/SJ  
 Sample : SSTDCCC0.4  
 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 BNA\_E  
 LabSampleId :  
 SSTDCCC0.4

Quant Time: May 22 09:17:16 2019  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE052019.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Mon May 20 19:29:40 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   | 96    | -0.01    |
| 2       | 1,4-Dioxane                | 0.400  | 0.323 | 19.3  | 81    | 0.00     |
| 3       | n-Nitrosodimethylamine     | 0.400  | 0.373 | 6.8   | 102   | 0.00     |
| 4 S     | 2-Fluorophenol             | 0.400  | 0.370 | 7.5   | 102   | 0.00     |
| 5 S     | Phenol-d6                  | 0.400  | 0.375 | 6.3   | 108   | 0.00     |
| 6       | bis(2-Chloroethyl)ether    | 0.400  | 0.367 | 8.3   | 100   | -0.01    |
| 7 I     | Naphthalene-d8             | 0.400  | 0.400 | 0.0   | 99    | 0.00     |
| 8 S     | Nitrobenzene-d5            | 0.400  | 0.361 | 9.8   | 105   | 0.00     |
| 9       | Naphthalene                | 0.400  | 0.362 | 9.5   | 101   | 0.00     |
| 10      | Hexachlorobutadiene        | 0.400  | 0.362 | 9.5   | 101   | 0.00     |
| 11 SURR | 2-Methylnaphthalene-d10    | 0.400  | 0.368 | 8.0   | 103   | 0.00     |
| 12      | 2-Methylnaphthalene        | 0.400  | 0.367 | 8.3   | 105   | 0.00     |
| 13 I    | Acenaphthene-d10           | 0.400  | 0.400 | 0.0   | 101   | 0.00     |
| 14 S    | 2,4,6-Tribromophenol       | 0.400  | 0.389 | 2.8   | 107   | 0.00     |
| 15 S    | 2-Fluorobiphenyl           | 0.400  | 0.359 | 10.3  | 102   | 0.00     |
| 16      | Acenaphthylene             | 0.400  | 0.354 | 11.5  | 104   | -0.01    |
| 17      | Acenaphthene               | 0.400  | 0.373 | 6.8   | 107   | 0.00     |
| 18      | Fluorene                   | 0.400  | 0.354 | 11.5  | 102   | 0.00     |
| 19 I    | Phenanthrene-d10           | 0.400  | 0.400 | 0.0   | 95    | 0.00     |
| 20      | 4-Bromophenyl-phenylether  | 0.400  | 0.361 | 9.8   | 99    | 0.00     |
| 21      | Hexachlorobenzene          | 0.400  | 0.379 | 5.3   | 102   | 0.00     |
| 22      | Pentachlorophenol          | 0.400  | 0.475 | -18.7 | 131   | 0.00     |
| 23      | Phenanthrene               | 0.400  | 0.360 | 10.0  | 97    | 0.00     |
| 24      | Anthracene                 | 0.400  | 0.362 | 9.5   | 103   | 0.00     |
| 25 SURR | Fluoranthene-d10           | 0.400  | 0.353 | 11.8  | 97    | 0.00     |
| 26      | Fluoranthene               | 0.400  | 0.352 | 12.0  | 96    | 0.00     |
| 27 I    | Chrysene-d12               | 0.400  | 0.400 | 0.0   | 97    | 0.00     |
| 28      | Pvrene                     | 0.400  | 0.400 | 0.0   | 98    | 0.00     |
| 29 S    | Terphenyl-d14              | 0.400  | 0.382 | 4.5   | 96    | 0.00     |
| 30      | Benzo(a)anthracene         | 0.400  | 0.402 | -0.5  | 102   | 0.00     |
| 31      | Chrysene                   | 0.400  | 0.385 | 3.8   | 94    | 0.00     |
| 32      | Bis(2-ethylhexyl)phthalate | 0.400  | 0.471 | -17.7 | 127   | 0.00     |
| 33      | Indeno(1,2,3-cd)pyrene     | 0.400  | 0.376 | 6.0   | 97    | -0.01    |
| 34 I    | Perylene-d12               | 0.400  | 0.400 | 0.0   | 96    | 0.00     |
| 35      | Benzo(b)fluoranthene       | 0.400  | 0.366 | 8.5   | 98    | 0.00     |
| 36      | Benzo(k)fluoranthene       | 0.400  | 0.354 | 11.5  | 95    | 0.00     |
| 37 C    | Benzo(a)pyrene             | 0.400  | 0.360 | 10.0  | 98    | 0.00     |
| 38      | Dibenzo(a,h)anthracene     | 0.400  | 0.352 | 12.0  | 98    | 0.00     |
| 39      | Benzo(a,h,i)perylene       | 0.400  | 0.355 | 11.3  | 97    | 0.00     |

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