

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE032519\  
 Data File : BE099217.D  
 Acq On : 26 Mar 2019 16:15  
 Operator : JU/SJ  
 Sample : SSTDCCC0.4  
 Misc :  
 ALS Vial : 19 Sample Multiplier: 1

Instrument :  
 BNA\_E  
 LabSampleId :  
 SSTDCCC0.4

Quant Time: Mar 26 17:03:30 2019  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE032519.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Tue Mar 26 07:02:06 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                   | AvqRF | CCRF  | %Dev   | Area% | Dev(min) |
|---------|----------------------------|-------|-------|--------|-------|----------|
| 1 I     | 1,4-Dichlorobenzene-d4     | 1.000 | 1.000 | 0.0    | 113   | -0.01    |
| 2       | 1,4-Dioxane                | 0.527 | 0.430 | 18.4   | 105   | 0.00     |
| 3       | n-Nitrosodimethylamine     | 0.295 | 0.233 | 21.0   | 117   | -0.01    |
| 4 S     | 2-Fluorophenol             | 1.194 | 1.023 | 14.3   | 107   | 0.00     |
| 5 S     | Phenol-d6                  | 1.825 | 1.572 | 13.9   | 109   | 0.00     |
| 6       | bis(2-Chloroethyl)ether    | 1.435 | 1.259 | 12.3   | 113   | -0.01    |
| 7 I     | Naphthalene-d8             | 1.000 | 1.000 | 0.0    | 111   | 0.00     |
| 8 S     | Nitrobenzene-d5            | 0.327 | 0.289 | 11.6   | 121   | 0.00     |
| 9       | Naphthalene                | 4.717 | 4.094 | 13.2   | 109   | 0.00     |
| 10      | Hexachlorobutadiene        | 0.251 | 0.224 | 10.8   | 114   | 0.00     |
| 11 SURR | 2-Methylnaphthalene-d10    | 0.771 | 0.663 | 14.0   | 107   | 0.00     |
| 12      | 2-Methylnaphthalene        | 0.843 | 0.738 | 12.5   | 109   | 0.00     |
| 13 I    | Acenaphthene-d10           | 1.000 | 1.000 | 0.0    | 111   | -0.01    |
| 14 S    | 2,4,6-Tribromophenol       | 0.141 | 0.138 | 2.1    | 166#  | 0.00     |
| 15 S    | 2-Fluorobiphenyl           | 1.631 | 1.444 | 11.5   | 109   | 0.00     |
| 16      | Acenaphthylene             | 2.039 | 1.775 | 12.9   | 114   | 0.00     |
| 17      | Acenaphthene               | 1.220 | 1.077 | 11.7   | 112   | 0.00     |
| 18      | Fluorene                   | 1.715 | 1.478 | 13.8   | 111   | 0.00     |
| 19 I    | Phenanthrene-d10           | 1.000 | 1.000 | 0.0    | 113   | -0.01    |
| 20      | 4-Bromophenyl-phenylether  | 0.258 | 0.208 | 19.4   | 108   | -0.01    |
| 21      | Hexachlorobenzene          | 0.249 | 0.208 | 16.5   | 112   | -0.01    |
| 22      | Pentachlorophenol          | 0.033 | 0.044 | -33.3# | 358#  | -0.01    |
| 23      | Phenanthrene               | 1.175 | 0.994 | 15.4   | 111   | 0.00     |
| 24      | Anthracene                 | 1.061 | 0.886 | 16.5   | 115   | 0.00     |
| 25 SURR | Fluoranthene-d10           | 4.847 | 4.295 | 11.4   | 116   | 0.00     |
| 26      | Fluoranthene               | 1.499 | 1.274 | 15.0   | 116   | 0.00     |
| 27 I    | Chrysene-d12               | 1.000 | 1.000 | 0.0    | 118   | -0.01    |
| 28      | Pvrene                     | 1.329 | 1.139 | 14.3   | 117   | 0.00     |
| 29 S    | Terphenyl-d14              | 0.870 | 0.730 | 16.1   | 110   | 0.00     |
| 30      | Benzo(a)anthracene         | 1.320 | 1.130 | 14.4   | 121   | 0.00     |
| 31      | Chrysene                   | 1.411 | 1.204 | 14.7   | 117   | 0.00     |
| 32      | Bis(2-ethylhexyl)phthalate | 1.574 | 1.399 | 11.1   | 149   | 0.00     |
| 33      | Indeno(1,2,3-cd)pyrene     | 1.335 | 1.036 | 22.4   | 115   | -0.01    |
| 34 I    | Perylene-d12               | 1.000 | 1.000 | 0.0    | 112   | 0.00     |
| 35      | Benzo(b)fluoranthene       | 1.316 | 1.079 | 18.0   | 112   | 0.00     |
| 36      | Benzo(k)fluoranthene       | 1.392 | 1.253 | 10.0   | 119   | 0.00     |
| 37 C    | Benzo(a)pyrene             | 1.229 | 1.058 | 13.9   | 117   | 0.00     |
| 38      | Dibenzo(a,h)anthracene     | 1.092 | 0.802 | 26.6#  | 107   | -0.01    |
| 39      | Benzo(a,h,i)perylene       | 1.095 | 0.821 | 25.0#  | 106   | 0.00     |

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