

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE121019\  
 Data File : BE100805.D  
 Acq On : 10 Dec 2019 10:58  
 Operator : JU  
 Sample : SSTDCCC0.4  
 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 BNA\_E  
 LabSampleId :  
 SSTDCCC0.4

Quant Time: Dec 10 14:08:51 2019  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE120419.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Wed Dec 04 17:18:11 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    | 109   | 0.00     |
| 2       | 1,4-Dioxane                | 0.729 | 0.678 | 7.0    | 102   | 0.00     |
| 3       | n-Nitrosodimethylamine     | 0.594 | 0.566 | 4.7    | 120   | -0.01    |
| 4 S     | 2-Fluorophenol             | 0.949 | 1.121 | -18.1  | 138   | 0.00     |
| 5 S     | Phenol-d6                  | 1.433 | 1.712 | -19.5  | 141   | 0.00     |
| 6       | bis(2-Chloroethyl)ether    | 1.385 | 1.360 | 1.8    | 113   | 0.00     |
| 7 I     | Naphthalene-d8             | 1.000 | 1.000 | 0.0    | 123   | 0.00     |
| 8 S     | Nitrobenzene-d5            | 0.190 | 0.259 | -36.3# | 193#  | 0.00     |
| 9       | Naphthalene                | 4.250 | 4.005 | 5.8    | 121   | 0.00     |
| 10      | Hexachlorobutadiene        | 0.166 | 0.155 | 6.6    | 118   | 0.00     |
| 11 SURR | 2-Methylnaphthalene-d10    | 0.580 | 0.566 | 2.4    | 128   | 0.00     |
| 12      | 2-Methylnaphthalene        | 0.664 | 0.640 | 3.6    | 126   | 0.00     |
| 13 I    | Acenaphthene-d10           | 1.000 | 1.000 | 0.0    | 131   | 0.00     |
| 14 S    | 2,4,6-Tribromophenol       | 0.044 | 0.076 | -72.7# | 256#  | 0.00     |
| 15 S    | 2-Fluorobiphenyl           | 1.587 | 1.415 | 10.8   | 123   | 0.00     |
| 16      | Acenaphthylene             | 1.655 | 1.544 | 6.7    | 142   | 0.00     |
| 17      | Acenaphthene               | 1.140 | 1.083 | 5.0    | 137   | 0.00     |
| 18      | Fluorene                   | 1.471 | 1.366 | 7.1    | 137   | 0.00     |
| 19 I    | Phenanthrene-d10           | 1.000 | 1.000 | 0.0    | 123   | -0.01    |
| 20      | 4-Bromophenyl-phenylether  | 0.196 | 0.188 | 4.1    | 129   | 0.00     |
| 21      | Hexachlorobenzene          | 0.213 | 0.206 | 3.3    | 126   | 0.00     |
| 22      | Pentachlorophenol          | 0.015 | 0.022 | -46.7# | 956#  | 0.00     |
| 23      | Phenanthrene               | 1.212 | 1.117 | 7.8    | 120   | 0.00     |
| 24      | Anthracene                 | 1.013 | 0.912 | 10.0   | 128   | 0.00     |
| 25 SURR | Fluoranthene-d10           | 4.728 | 3.848 | 18.6   | 110   | 0.00     |
| 26      | Fluoranthene               | 1.446 | 1.153 | 20.3   | 108   | 0.00     |
| 27 I    | Chrysene-d12               | 1.000 | 1.000 | 0.0    | 102   | 0.00     |
| 28      | Pvrene                     | 1.300 | 1.301 | -0.1   | 109   | 0.00     |
| 29 S    | Terphenyl-d14              | 0.958 | 0.936 | 2.3    | 104   | 0.00     |
| 30      | Benzo(a)anthracene         | 1.179 | 1.225 | -3.9   | 119   | 0.00     |
| 31      | Chrysene                   | 1.385 | 1.302 | 6.0    | 98    | 0.00     |
| 32      | Bis(2-ethylhexyl)phthalate | 1.069 | 1.610 | -50.6# | 202#  | 0.00     |
| 33      | Indeno(1,2,3-cd)pyrene     | 1.207 | 1.407 | -16.6  | 134   | -0.02    |
| 34 I    | Perylene-d12               | 1.000 | 1.000 | 0.0    | 120   | -0.01    |
| 35      | Benzo(b)fluoranthene       | 1.095 | 1.005 | 8.2    | 116   | -0.01    |
| 36      | Benzo(k)fluoranthene       | 1.228 | 1.098 | 10.6   | 113   | -0.01    |
| 37 C    | Benzo(a)pyrene             | 0.948 | 0.927 | 2.2    | 129   | -0.01    |
| 38      | Dibenzo(a,h)anthracene     | 0.943 | 0.920 | 2.4    | 132   | -0.02    |
| 39      | Benzo(a,h,i)perylene       | 1.009 | 0.981 | 2.8    | 124   | -0.02    |

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