

Data Path : Z:\HPCHEM1\BNA E\DATA\BE100715\  
 Data File : BE090994.D  
 Acq On : 7 Oct 2015 19:59  
 Operator : UM/IZ  
 Sample : SSTDCCC001  
 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 BNA\_E  
 LabSampleId :  
 SSTDCCC001

Quant Time: Oct 08 02:12:07 2015  
 Quant Method : Z:\HPCHEM1\BNA E\METHODS\8270-SIM-BE092815.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Thu Oct 08 01:45:47 2015  
 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     | 165#  | 0.00     |
| 2    | 1,4-Dioxane                | 0.888 | 1.748 | -96.8#  | 377#  | -0.03    |
| 3    | n-Nitrosodimethylamine     | 0.879 | 0.483 | 45.1#   | 100   | -0.06    |
| 4 S  | 2-Fluorophenol             | 1.045 | 1.035 | 1.0     | 185#  | 0.00     |
| 5 S  | Phenol-d6                  | 1.280 | 1.233 | 3.7     | 177#  | 0.00     |
| 6    | bis(2-Chloroethyl)ether    | 1.524 | 3.216 | -111.0# | 359#  | -0.01    |
| 7 I  | Naphthalene-d8             | 1.000 | 1.000 | 0.0     | 164#  | 0.00     |
| 8 S  | Nitrobenzene-d5            | 0.270 | 0.361 | -33.7#  | 233#  | 0.00     |
| 9    | Nitrobenzene               | 0.289 | 0.402 | -39.1#  | 255#  | 0.00     |
| 10   | Naphthalene                | 1.075 | 1.028 | 4.4     | 165#  | 0.00     |
| 11   | Hexachlorobutadiene        | 0.179 | 0.151 | 15.6    | 139   | 0.00     |
| 12   | 2-Methylnaphthalene        | 0.634 | 0.671 | -5.8    | 185#  | 0.00     |
| 13 I | Acenaphthene-d10           | 1.000 | 1.000 | 0.0     | 163#  | 0.00     |
| 14 S | 2,4,6-Tribromophenol       | 0.158 | 0.134 | 15.2    | 184#  | 0.00     |
| 15 S | 2-Fluorobiphenyl           | 1.355 | 1.338 | 1.3     | 173#  | 0.00     |
| 16   | Acenaphthylene             | 8.351 | 7.942 | 4.9     | 170#  | 0.00     |
| 17   | Acenaphthene               | 1.334 | 1.253 | 6.1     | 163#  | 0.00     |
| 18   | Fluorene                   | 1.649 | 1.617 | 1.9     | 172#  | 0.00     |
| 19 I | Phenanthrene-d10           | 1.000 | 1.000 | 0.0     | 167#  | 0.00     |
| 20   | 4-Bromophenyl-phenylether  | 0.189 | 0.189 | 0.0     | 182#  | 0.00     |
| 21   | Hexachlorobenzene          | 0.970 | 0.205 | 78.9#   | 37#   | 0.00     |
| 22   | Pentachlorophenol          | 0.070 | 0.049 | 30.0#   | 185#  | 0.00     |
| 23   | Phenanthrene               | 1.265 | 1.165 | 7.9     | 169#  | -0.01    |
| 24   | Anthracene                 | 1.131 | 1.096 | 3.1     | 183#  | -0.01    |
| 25   | Fluoranthene               | 1.503 | 1.391 | 7.5     | 190#  | 0.00     |
| 26 I | Chrysene-d12               | 1.000 | 1.000 | 0.0     | 182#  | 0.00     |
| 27   | Benzydine                  | 0.090 | 0.091 | -1.1    | 226#  | 0.00     |
| 28   | Pvrene                     | 1.277 | 1.079 | 15.5    | 185#  | 0.00     |
| 29 S | Terphenyl-d14              | 0.631 | 0.618 | 2.1     | 205#  | 0.00     |
| 30   | Benzo(a)anthracene         | 1.176 | 1.147 | 2.5     | 198#  | 0.00     |
| 31   | 3,3'-Dichlorobenzidine     | 0.201 | 0.000 | 100.0#  | 0#    | -20.84#  |
| 32   | Chrysene                   | 1.505 | 1.212 | 19.5    | 172#  | 0.00     |
| 33   | Bis(2-ethylhexyl)phthalate | 0.469 | 0.502 | -7.0    | 306#  | 0.00     |
| 34   | Indeno(1,2,3-cd)pyrene     | 1.212 | 1.366 | -12.7   | 238#  | 0.00     |
| 35 I | Perylene-d12               | 1.000 | 1.000 | 0.0     | 218#  | 0.00     |
| 36   | Benzo(b)fluoranthene       | 1.102 | 1.191 | -8.1    | 262#  | 0.00     |
| 37   | Benzo(k)fluoranthene       | 1.515 | 1.186 | 21.7    | 190#  | 0.00     |
| 38 C | Benzo(a)pyrene             | 1.022 | 1.103 | -7.9    | 272#  | 0.00     |
| 39   | Dibenzo(a,h)anthracene     | 1.009 | 1.260 | -24.9   | 323#  | 0.00     |
| 40   | Benzo(a,h,i)perylene       | 1.096 | 1.301 | -18.7   | 298#  | 0.00     |

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| Compound | AvgRF | CCRF | %Dev Area | % Dev(min) |
|----------|-------|------|-----------|------------|
|----------|-------|------|-----------|------------|

(#) = Out of Range

SPCC's out = 0 CCC's out = 0