

Data Path : Z:\HPCHEM1\BNA E\DATA\BE093015\  
 Data File : BE090979.D  
 Acq On : 30 Sep 2015 15:17  
 Operator : UM/IZ  
 Sample : SSTDCCC001  
 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 BNA\_E  
 LabSampleId :  
 SSTDCCC001

Quant Time: Oct 01 03:19:33 2015  
 Quant Method : Z:\HPCHEM1\BNA E\METHODS\8270-SIM-BE092815.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Wed Sep 30 16:01:03 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     | 78    | -0.01    |
| 2    | 1,4-Dioxane                | 0.888 | 2.228 | -150.9# | 227#  | -0.01    |
| 3    | n-Nitrosodimethylamine     | 0.879 | 0.894 | -1.7    | 87    | -0.01    |
| 4 S  | 2-Fluorophenol             | 1.045 | 0.929 | 11.1    | 78    | -0.01    |
| 5 S  | Phenol-d6                  | 1.280 | 1.172 | 8.4     | 79    | -0.03    |
| 6    | bis(2-Chloroethyl)ether    | 1.524 | 1.393 | 8.6     | 73    | -0.05    |
| 7 I  | Naphthalene-d8             | 1.000 | 1.000 | 0.0     | 76    | -0.02    |
| 8 S  | Nitrobenzene-d5            | 0.270 | 0.265 | 1.9     | 79    | -0.01    |
| 9    | Nitrobenzene               | 0.289 | 0.290 | -0.3    | 85    | -0.01    |
| 10   | Naphthalene                | 1.075 | 1.016 | 5.5     | 75    | -0.02    |
| 11   | Hexachlorobutadiene        | 0.179 | 0.168 | 6.1     | 71    | -0.02    |
| 12   | 2-Methylnaphthalene        | 0.634 | 0.601 | 5.2     | 77    | -0.03    |
| 13 I | Acenaphthene-d10           | 1.000 | 1.000 | 0.0     | 77    | 0.00     |
| 14 S | 2,4,6-Tribromophenol       | 0.158 | 0.146 | 7.6     | 95    | -0.02    |
| 15 S | 2-Fluorobiphenyl           | 1.355 | 1.230 | 9.2     | 75    | -0.01    |
| 16   | Acenaphthylene             | 8.351 | 7.550 | 9.6     | 76    | 0.00     |
| 17   | Acenaphthene               | 1.334 | 1.266 | 5.1     | 78    | 0.00     |
| 18   | Fluorene                   | 1.649 | 1.664 | -0.9    | 84    | 0.00     |
| 19 I | Phenanthrene-d10           | 1.000 | 1.000 | 0.0     | 87    | 0.00     |
| 20   | 4-Bromophenyl-phenylether  | 0.189 | 0.171 | 9.5     | 86    | -0.02    |
| 21   | Hexachlorobenzene          | 0.970 | 0.862 | 11.1    | 81    | 0.00     |
| 22   | Pentachlorophenol          | 0.070 | 0.054 | 22.9    | 105   | 0.00     |
| 23   | Phenanthrene               | 1.265 | 1.152 | 8.9     | 87    | -0.02    |
| 24   | Anthracene                 | 1.131 | 0.959 | 15.2    | 84    | -0.02    |
| 25   | Fluoranthene               | 1.503 | 1.253 | 16.6    | 89    | 0.00     |
| 26 I | Chrysene-d12               | 1.000 | 1.000 | 0.0     | 92    | 0.00     |
| 27   | Benzydine                  | 0.090 | 0.075 | 16.7    | 94    | 0.00     |
| 28   | Pvrene                     | 1.277 | 1.037 | 18.8    | 89    | 0.00     |
| 29 S | Terphenyl-d14              | 0.631 | 0.535 | 15.2    | 89    | -0.02    |
| 30   | Benzo(a)anthracene         | 1.176 | 0.987 | 16.1    | 85    | 0.00     |
| 31   | 3,3'-Dichlorobenzidine     | 0.201 | 0.000 | 100.0#  | 0#    | -20.97#  |
| 32   | Chrysene                   | 1.505 | 1.282 | 14.8    | 91    | 0.00     |
| 33   | Bis(2-ethylhexyl)phthalate | 0.469 | 0.300 | 36.0#   | 92    | 0.00     |
| 34   | Indeno(1,2,3-cd)pyrene     | 1.212 | 1.018 | 16.0    | 89    | 0.00     |
| 35 I | Perylene-d12               | 1.000 | 1.000 | 0.0     | 90    | 0.00     |
| 36   | Benzo(b)fluoranthene       | 1.102 | 0.998 | 9.4     | 90    | 0.00     |
| 37   | Benzo(k)fluoranthene       | 1.515 | 1.265 | 16.5    | 83    | 0.00     |
| 38 C | Benzo(a)pyrene             | 1.022 | 0.899 | 12.0    | 91    | 0.00     |
| 39   | Dibenzo(a,h)anthracene     | 1.009 | 0.874 | 13.4    | 92    | 0.00     |
| 40   | Benzo(a,h,i)perylene       | 1.096 | 0.982 | 10.4    | 92    | 0.00     |

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

(#) = Out of Range

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