

Data Path : Z:\HPCHEM1\BNA M\DATA\BM113015\  
 Data File : BM003328.D  
 Acq On : 30 Nov 2015 20:47  
 Operator : UM/IZ  
 Sample : SSTDCCC001  
 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 LabSampleId :  
 SSTDCCC001

Quant Time: Dec 01 03:45:05 2015  
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\8270-SIM-BM112715.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Fri Nov 27 16:36:40 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                   | Amount | Calc. | %Dev   | Area% | Dev(min) |
|------|----------------------------|--------|-------|--------|-------|----------|
| 1 I  | 1,4-Dichlorobenzene-d4     | 5.000  | 5.000 | 0.0    | 132   | -0.02    |
| 2    | 1,4-Dioxane                | 1.000  | 0.999 | 0.1    | 126   | -0.02    |
| 3    | n-Nitrosodimethylamine     | 1.000  | 1.072 | -7.2   | 141   | -0.02    |
| 4 S  | 2-Fluorophenol             | 1.000  | 1.036 | -3.6   | 140   | 0.00     |
| 5 S  | Phenol-d6                  | 1.000  | 1.128 | -12.8  | 153   | -0.02    |
| 6    | bis(2-Chloroethyl)ether    | 1.000  | 1.073 | -7.3   | 145   | -0.02    |
| 7 I  | Naphthalene-d8             | 5.000  | 5.000 | 0.0    | 142   | -0.02    |
| 8 S  | Nitrobenzene-d5            | 1.000  | 1.138 | -13.8  | 170   | -0.01    |
| 9    | Nitrobenzene               | 1.000  | 1.120 | -12.0  | 169   | -0.01    |
| 10   | Naphthalene                | 1.000  | 1.009 | -0.9   | 145   | 0.00     |
| 11   | Hexachlorobutadiene        | 1.000  | 1.011 | -1.1   | 148   | -0.02    |
| 12   | 2-Methylnaphthalene        | 1.000  | 1.109 | -10.9  | 159   | -0.01    |
| 13 I | Acenaphthene-d10           | 5.000  | 5.000 | 0.0    | 149   | 0.00     |
| 14 S | 2,4,6-Tribromophenol       | 1.000  | 1.389 | -38.9# | 235   | 0.00     |
| 15 S | 2-Fluorobiphenyl           | 1.000  | 1.022 | -2.2   | 165   | -0.01    |
| 16   | Acenaphthylene             | 1.000  | 1.131 | -13.1  | 175   | 0.00     |
| 17   | Acenaphthene               | 1.000  | 1.019 | -1.9   | 176   | -0.02    |
| 18   | Fluorene                   | 1.000  | 1.267 | -26.7# | 198   | 0.00     |
| 19 I | Phenanthrene-d10           | 5.000  | 5.000 | 0.0    | 140   | 0.00     |
| 20   | 4-Bromophenyl-phenylether  | 1.000  | 1.216 | -21.6  | 221   | -0.03    |
| 21   | Hexachlorobenzene          | 1.000  | 1.410 | -41.0# | 216   | 0.00     |
| 22   | Pentachlorophenol          | 1.000  | 1.215 | -21.5  | 209   | -0.03    |
| 23   | Phenanthrene               | 1.000  | 1.171 | -17.1  | 192   | 0.00     |
| 24   | Anthracene                 | 1.000  | 1.178 | -17.8  | 165   | 0.00     |
| 25   | Fluoranthene               | 1.000  | 1.004 | -0.4   | 158   | -0.02    |
| 26 I | Chrysene-d12               | 5.000  | 5.000 | 0.0    | 124   | 0.00     |
| 27   | Benzydine                  | 1.000  | 1.865 | -86.5# | 316   | 0.00     |
| 28   | Pvrene                     | 1.000  | 1.007 | -0.7   | 149   | -0.02    |
| 29 S | Terphenyl-d14              | 1.000  | 0.987 | 1.3    | 134   | 0.00     |
| 30   | Benzo(a)anthracene         | 1.000  | 1.032 | -3.2   | 144   | 0.00     |
| 31   | 3,3'-Dichlorobenzidine     | 1.000  | 1.416 | -41.6# | 247   | 0.00     |
| 32   | Chrysene                   | 1.000  | 0.866 | 13.4   | 120   | -0.02    |
| 33   | Bis(2-ethylhexyl)phthalate | 1.000  | 1.058 | -5.8   | 163   | -0.02    |
| 34   | Indeno(1,2,3-cd)pyrene     | 1.000  | 0.944 | 5.6    | 135   | -0.01    |
| 35 I | Perylene-d12               | 5.000  | 5.000 | 0.0    | 116   | 0.00     |
| 36   | Benzo(b)fluoranthene       | 1.000  | 1.004 | -0.4   | 114   | 0.00     |
| 37   | Benzo(k)fluoranthene       | 1.000  | 1.100 | -10.0  | 134   | -0.01    |
| 38 C | Benzo(a)pyrene             | 1.000  | 1.084 | -8.4   | 132   | 0.00     |
| 39   | Dibenzo(a,h)anthracene     | 1.000  | 1.212 | -21.2  | 142   | -0.01    |
| 40   | Benzo(a,h,i)perylene       | 1.000  | 1.052 | -5.2   | 126   | -0.01    |

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