

Data Path : Z:\HPCHEM1\BNA E\Data\BE012517\  
 Data File : BE092684.D  
 Acq On : 25 Jan 2017 14:19  
 Operator : SJ/MA  
 Sample : SSTDCCC0.4  
 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 BNA\_E  
 LabSampleId :  
 SSTDCCC0.4

Quant Time: Jan 25 17:25:23 2017  
 Quant Method : Z:\HPCHEM1\BNA E\METHODS\8270-SIM-BE011617.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Tue Jan 17 10:14:01 2017  
 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    | 154#  | 0.00     |
| 2    | 1,4-Dioxane                | 0.775 | 0.684 | 11.7   | 129   | 0.00     |
| 3    | n-Nitrosodimethylamine     | 0.902 | 0.580 | 35.7#  | 113   | 0.02     |
| 4 S  | 2-Fluorophenol             | 1.116 | 0.933 | 16.4   | 151#  | 0.00     |
| 5 S  | Phenol-d6                  | 1.368 | 1.397 | -2.1   | 191#  | -0.02    |
| 6    | bis(2-Chloroethyl)ether    | 1.453 | 1.294 | 10.9   | 163#  | 0.00     |
| 7 I  | Naphthalene-d8             | 1.000 | 1.000 | 0.0    | 179#  | 0.00     |
| 8 S  | Nitrobenzene-d5            | 0.325 | 0.275 | 15.4   | 183#  | -0.02    |
| 9    | Naphthalene                | 1.044 | 1.017 | 2.6    | 189#  | -0.02    |
| 10   | Hexachlorobutadiene        | 0.154 | 0.151 | 1.9    | 185#  | -0.02    |
| 11   | 2-Methylnaphthalene        | 0.648 | 0.642 | 0.9    | 198#  | -0.01    |
| 12 I | Acenaphthene-d10           | 1.000 | 1.000 | 0.0    | 187#  | 0.00     |
| 13 S | 2,4,6-Tribromophenol       | 0.126 | 0.109 | 13.5   | 203#  | 0.04     |
| 14 S | 2-Fluorobiphenyl           | 1.230 | 1.175 | 4.5    | 192#  | -0.01    |
| 15   | Acenaphthylene             | 6.890 | 6.863 | 0.4    | 210#  | -0.02    |
| 16   | Acenaphthene               | 1.105 | 1.114 | -0.8   | 198#  | 0.00     |
| 17   | Fluorene                   | 1.387 | 1.334 | 3.8    | 200#  | -0.01    |
| 18 I | Phenanthrene-d10           | 1.000 | 1.000 | 0.0    | 182#  | 0.00     |
| 19   | Hexachlorobenzene          | 0.189 | 0.182 | 3.7    | 168#  | 0.00     |
| 20   | Pentachlorophenol          | 0.051 | 0.000 | 100.0# | 0#    | 0.02     |
| 21   | Phenanthrene               | 1.104 | 1.136 | -2.9   | 194#  | 0.00     |
| 22   | Anthracene                 | 1.018 | 1.041 | -2.3   | 209#  | -0.02    |
| 23   | Fluoranthene               | 4.895 | 4.748 | 3.0    | 195#  | -0.02    |
| 24 I | Chrysene-d12               | 1.000 | 1.000 | 0.0    | 154#  | 0.00     |
| 25   | Pyrene                     | 4.929 | 5.115 | -3.8   | 191#  | -0.02    |
| 26 S | Terphenyl-d14              | 0.707 | 0.709 | -0.3   | 180#  | 0.00     |
| 27   | Benzo(a)anthracene         | 4.926 | 4.555 | 7.5    | 165#  | 0.00     |
| 28   | Chrysene                   | 5.542 | 5.396 | 2.6    | 161#  | 0.00     |
| 29   | Bis(2-ethylhexyl)phthalate | 0.913 | 0.838 | 8.2    | 197#  | 0.00     |
| 30   | Indeno(1,2,3-cd)pyrene     | 5.987 | 5.471 | 8.6    | 161#  | -0.02    |
| 31 I | Perylene-d12               | 1.000 | 1.000 | 0.0    | 142   | 0.00     |
| 32   | Benzo(b)fluoranthene       | 1.210 | 1.158 | 4.3    | 148   | -0.01    |
| 33   | Benzo(k)fluoranthene       | 1.215 | 1.310 | -7.8   | 178#  | -0.01    |
| 34 C | Benzo(a)pyrene             | 1.136 | 1.175 | -3.4   | 170#  | 0.00     |
| 35   | Dibenzo(a,h)anthracene     | 1.112 | 1.106 | 0.5    | 159#  | -0.02    |
| 36   | Benzo(g,h,i)perylene       | 4.699 | 4.578 | 2.6    | 153#  | -0.02    |

(#) = Out of Range

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