

Data Path : Z:\HPCHEM1\BNA\_E\Data\Be102116\  
 Data File : BE092464.D  
 Acq On : 21 Oct 2016 11:51  
 Operator : UM/SJ  
 Sample : SSTDCCC0.4  
 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 BNA\_E  
 LabSampleId :  
 SSTDCCC0.4

Quant Time: Oct 21 17:26:19 2016  
 Quant Method : Z:\HPCHEM1\BNA\_E\METHODS\8270-SIM-BE092216.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Thu Sep 22 18:25:56 2016  
 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                   | AvgRF | CCRF  | %Dev  | Area% | Dev(min) |
|------|----------------------------|-------|-------|-------|-------|----------|
| 1 I  | 1,4-Dichlorobenzene-d4     | 1.000 | 1.000 | 0.0   | 170#  | -0.02    |
| 2    | 1,4-Dioxane                | 0.635 | 0.604 | 4.9   | 160#  | -0.01    |
| 3    | n-Nitrosodimethylamine     | 0.588 | 0.614 | -4.4  | 196#  | -0.01    |
| 4 S  | 2-Fluorophenol             | 0.999 | 0.858 | 14.1  | 156#  | 0.00     |
| 5 S  | Phenol-d6                  | 1.388 | 1.156 | 16.7  | 163#  | 0.00     |
| 6    | bis(2-Chloroethyl)ether    | 1.222 | 1.093 | 10.6  | 195#  | -0.02    |
| 7 I  | Naphthalene-d8             | 1.000 | 1.000 | 0.0   | 164#  | 0.00     |
| 8 S  | Nitrobenzene-d5            | 0.299 | 0.275 | 8.0   | 178#  | 0.00     |
| 9    | Naphthalene                | 1.082 | 1.073 | 0.8   | 163#  | -0.02    |
| 10   | Hexachlorobutadiene        | 0.170 | 0.164 | 3.5   | 159#  | -0.02    |
| 11   | 2-Methylnaphthalene        | 0.716 | 0.696 | 2.8   | 162#  | -0.01    |
| 12 I | Acenaphthene-d10           | 1.000 | 1.000 | 0.0   | 153#  | 0.00     |
| 13 S | 2,4,6-Tribromophenol       | 0.144 | 0.106 | 26.4# | 132   | 0.00     |
| 14 S | 2-Fluorobiphenyl           | 1.184 | 1.250 | -5.6  | 164#  | 0.00     |
| 15   | Acenaphthylene             | 7.240 | 7.080 | 2.2   | 153#  | 0.00     |
| 16   | Acenaphthene               | 1.134 | 1.157 | -2.0  | 151#  | 0.00     |
| 17   | Fluorene                   | 1.438 | 1.398 | 2.8   | 151#  | 0.00     |
| 18 I | Phenanthrene-d10           | 1.000 | 1.000 | 0.0   | 136   | 0.02     |
| 19   | Hexachlorobenzene          | 0.214 | 0.235 | -9.8  | 159#  | 0.00     |
| 20   | Pentachlorophenol          | 0.050 | 0.045 | 10.0  | 145   | 0.00     |
| 21   | Phenanthrene               | 1.149 | 1.322 | -15.1 | 165#  | 0.00     |
| 22   | Anthracene                 | 1.105 | 1.206 | -9.1  | 163#  | 0.02     |
| 23   | Fluoranthene               | 5.460 | 5.490 | -0.5  | 148   | 0.00     |
| 24 I | Chrysene-d12               | 1.000 | 1.000 | 0.0   | 142   | 0.00     |
| 25   | Pyrene                     | 4.333 | 4.834 | -11.6 | 165#  | 0.00     |
| 26 S | Terphenyl-d14              | 0.620 | 0.634 | -2.3  | 147   | 0.02     |
| 27   | Benzo(a)anthracene         | 4.873 | 5.165 | -6.0  | 154#  | 0.00     |
| 28   | Chrysene                   | 4.462 | 4.937 | -10.6 | 147   | 0.00     |
| 29   | Bis(2-ethylhexyl)phthalate | 0.420 | 0.399 | 5.0   | 133   | 0.00     |
| 30   | Indeno(1,2,3-cd)pyrene     | 4.734 | 4.358 | 7.9   | 133   | 0.04     |
| 31 I | Perylene-d12               | 1.000 | 1.000 | 0.0   | 136   | 0.02     |
| 32   | Benzo(b)fluoranthene       | 1.211 | 1.234 | -1.9  | 139   | 0.02     |
| 33   | Benzo(k)fluoranthene       | 1.267 | 1.275 | -0.6  | 147   | 0.02     |
| 34 C | Benzo(a)pyrene             | 1.187 | 1.180 | 0.6   | 143   | 0.02     |
| 35   | Dibenzo(a,h)anthracene     | 1.088 | 1.036 | 4.8   | 135   | 0.04     |
| 36   | Benzo(g,h,i)perylene       | 4.673 | 4.428 | 5.2   | 133   | 0.04     |

(#) = Out of Range

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