

Data Path : Z:\HPCHEM1\BNA\_E\DATA\BE101716\  
 Data File : BE092455.D  
 Acq On : 17 Oct 2016 14:37  
 Operator : UM/SJ  
 Sample : SSTDCCC0.4  
 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 BNA\_E  
 LabSampleId :  
 SSTDCCC0.4

Quant Time: Oct 17 15:39:06 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   | 163#  | -0.02    |
| 2    | 1,4-Dioxane                | 0.635 | 0.634 | 0.2   | 161#  | -0.01    |
| 3    | n-Nitrosodimethylamine     | 0.588 | 0.664 | -12.9 | 204#  | -0.02    |
| 4 S  | 2-Fluorophenol             | 0.999 | 0.904 | 9.5   | 158#  | -0.01    |
| 5 S  | Phenol-d6                  | 1.388 | 1.207 | 13.0  | 163#  | -0.02    |
| 6    | bis(2-Chloroethyl)ether    | 1.222 | 1.145 | 6.3   | 196#  | -0.02    |
| 7 I  | Naphthalene-d8             | 1.000 | 1.000 | 0.0   | 153#  | 0.00     |
| 8 S  | Nitrobenzene-d5            | 0.299 | 0.301 | -0.7  | 183#  | -0.02    |
| 9    | Naphthalene                | 1.082 | 1.176 | -8.7  | 167#  | -0.02    |
| 10   | Hexachlorobutadiene        | 0.170 | 0.181 | -6.5  | 164#  | -0.02    |
| 11   | 2-Methylnaphthalene        | 0.716 | 0.752 | -5.0  | 163#  | -0.01    |
| 12 I | Acenaphthene-d10           | 1.000 | 1.000 | 0.0   | 142   | 0.00     |
| 13 S | 2,4,6-Tribromophenol       | 0.144 | 0.106 | 26.4# | 123   | 0.00     |
| 14 S | 2-Fluorobiphenyl           | 1.184 | 1.353 | -14.3 | 165#  | 0.00     |
| 15   | Acenaphthylene             | 7.240 | 7.413 | -2.4  | 149   | 0.00     |
| 16   | Acenaphthene               | 1.134 | 1.219 | -7.5  | 148   | 0.00     |
| 17   | Fluorene                   | 1.438 | 1.473 | -2.4  | 148   | 0.00     |
| 18 I | Phenanthrene-d10           | 1.000 | 1.000 | 0.0   | 124   | 0.02     |
| 19   | Hexachlorobenzene          | 0.214 | 0.243 | -13.6 | 151#  | 0.00     |
| 20   | Pentachlorophenol          | 0.050 | 0.043 | 14.0  | 127   | 0.00     |
| 21   | Phenanthrene               | 1.149 | 1.343 | -16.9 | 153#  | 0.00     |
| 22   | Anthracene                 | 1.105 | 1.163 | -5.2  | 144   | 0.02     |
| 23   | Fluoranthene               | 5.460 | 5.663 | -3.7  | 140   | 0.00     |
| 24 I | Chrysene-d12               | 1.000 | 1.000 | 0.0   | 126   | 0.00     |
| 25   | Pyrene                     | 4.333 | 5.064 | -16.9 | 153#  | 0.00     |
| 26 S | Terphenyl-d14              | 0.620 | 0.689 | -11.1 | 142   | 0.02     |
| 27   | Benzo(a)anthracene         | 4.873 | 5.064 | -3.9  | 134   | 0.00     |
| 28   | Chrysene                   | 4.462 | 4.977 | -11.5 | 131   | 0.00     |
| 29   | Bis(2-ethylhexyl)phthalate | 0.420 | 0.403 | 4.0   | 120   | 0.00     |
| 30   | Indeno(1,2,3-cd)pyrene     | 4.734 | 4.422 | 6.6   | 120   | 0.04     |
| 31 I | Perylene-d12               | 1.000 | 1.000 | 0.0   | 117   | 0.02     |
| 32   | Benzo(b)fluoranthene       | 1.211 | 1.270 | -4.9  | 123   | 0.02     |
| 33   | Benzo(k)fluoranthene       | 1.267 | 1.381 | -9.0  | 137   | 0.02     |
| 34 C | Benzo(a)pyrene             | 1.187 | 1.241 | -4.5  | 129   | 0.02     |
| 35   | Dibenzo(a,h)anthracene     | 1.088 | 1.075 | 1.2   | 121   | 0.05     |
| 36   | Benzo(g,h,i)perylene       | 4.673 | 4.648 | 0.5   | 120   | 0.05     |

(#) = Out of Range

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