

Data Path : Z:\HPCHEM1\BNA\_E\DATA\BE032816\  
 Data File : BE091551.D  
 Acq On : 28 Mar 2016 23:31  
 Operator : UM/SJ  
 Sample : SSTDCCC0.4  
 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 BNA\_E  
 LabSampleId :  
 SSTDCCC0.4

Quant Time: Mar 29 01:34:43 2016  
 Quant Method : Z:\HPCHEM1\BNA\_E\METHODS\8270-SIM-BE032516.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Fri Mar 25 19:00:32 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    | 91    | 0.00     |
| 2    | 1,4-Dioxane            | 0.669 | 0.698 | -4.3   | 90    | -0.02    |
| 3    | n-Nitrosodimethylamine | 0.581 | 0.664 | -14.3  | 105   | -0.02    |
| 4 S  | 2-Fluorophenol         | 0.975 | 1.151 | -18.1  | 115   | -0.02    |
| 5 S  | Phenol-d6              | 1.330 | 1.576 | -18.5  | 120   | -0.02    |
| 6 I  | Naphthalene-d8         | 1.000 | 1.000 | 0.0    | 98    | 0.00     |
| 7 S  | Nitrobenzene-d5        | 0.217 | 0.250 | -15.2  | 133   | -0.01    |
| 8    | Naphthalene            | 1.007 | 1.008 | -0.1   | 100   | -0.02    |
| 9    | 2-Methylnaphthalene    | 0.629 | 0.657 | -4.5   | 109   | -0.01    |
| 10 I | Acenaphthene-d10       | 1.000 | 1.000 | 0.0    | 108   | -0.01    |
| 11 S | 2,4,6-Tribromophenol   | 0.085 | 0.119 | -40.0# | 175#  | -0.01    |
| 12 S | 2-Fluorobiphenyl       | 1.408 | 1.367 | 2.9    | 106   | -0.01    |
| 13   | Acenaphthylene         | 1.752 | 1.910 | -9.0   | 132   | 0.00     |
| 14   | Acenaphthene           | 1.237 | 1.274 | -3.0   | 111   | -0.01    |
| 15   | Fluorene               | 1.511 | 1.503 | 0.5    | 113   | -0.01    |
| 16 I | Phenanthrene-d10       | 1.000 | 1.000 | 0.0    | 106   | 0.00     |
| 17   | Hexachlorobenzene      | 0.176 | 0.179 | -1.7   | 113   | -0.02    |
| 18   | Pentachlorophenol      | 0.047 | 0.064 | -36.2# | 176#  | -0.02    |
| 19   | Phenanthrene           | 1.145 | 1.138 | 0.6    | 105   | 0.00     |
| 20   | Anthracene             | 0.948 | 0.997 | -5.2   | 123   | 0.00     |
| 21   | Fluoranthene           | 1.071 | 1.199 | -12.0  | 129   | -0.02    |
| 22 I | Chrysene-d12           | 1.000 | 1.000 | 0.0    | 111   | 0.00     |
| 23   | Pyrene                 | 1.181 | 1.196 | -1.3   | 125   | 0.00     |
| 24 S | Terphenyl-d14          | 0.822 | 0.820 | 0.2    | 120   | 0.00     |
| 25   | Benzo(a)anthracene     | 1.154 | 1.238 | -7.3   | 132   | 0.00     |
| 26   | Chrysene               | 1.516 | 1.502 | 0.9    | 110   | 0.00     |
| 27   | Indeno(1,2,3-cd)pyrene | 1.179 | 1.325 | -12.4  | 142   | -0.02    |
| 28 I | Perylene-d12           | 1.000 | 1.000 | 0.0    | 116   | -0.01    |
| 29   | Benzo(b)fluoranthene   | 1.111 | 1.152 | -3.7   | 136   | -0.01    |
| 30   | Benzo(k)fluoranthene   | 1.107 | 1.162 | -5.0   | 127   | 0.00     |
| 31 C | Benzo(a)pyrene         | 0.926 | 1.112 | -20.1# | 164#  | -0.01    |
| 32   | Dibenzo(a,h)anthracene | 0.984 | 1.036 | -5.3   | 136   | -0.02    |
| 33   | Benzo(g,h,i)perylene   | 1.029 | 1.071 | -4.1   | 132   | -0.01    |

(#) = Out of Range

SPCC's out = 0 CCC's out = 1