

Data Path : Z:\HPCHEM1\BNA\_E\DATA\BE040116\  
 Data File : BE091578.D  
 Acq On : 31 Mar 2016 10:15  
 Operator : UM/SJ  
 Sample : SSTDCCC0.4  
 Misc :  
 ALS Vial : 11 Sample Multiplier: 1

Instrument :  
 BNA\_E  
 LabSampleId :  
 SSTDCCC0.4

Quant Time: Apr 01 00:49:40 2016  
 Quant Method : Z:\HPCHEM1\BNA\_E\METHODS\8270-SIM-BE033016.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Wed Mar 30 18:45:59 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   | 105   | 0.00     |
| 2    | 1,4-Dioxane            | 0.698 | 0.675 | 3.3   | 97    | -0.01    |
| 3    | n-Nitrosodimethylamine | 0.908 | 0.807 | 11.1  | 92    | -0.03    |
| 4 S  | 2-Fluorophenol         | 1.309 | 1.248 | 4.7   | 99    | -0.01    |
| 5 S  | Phenol-d6              | 1.770 | 1.673 | 5.5   | 102   | -0.02    |
| 6 I  | Naphthalene-d8         | 1.000 | 1.000 | 0.0   | 105   | 0.00     |
| 7 S  | Nitrobenzene-d5        | 0.336 | 0.305 | 9.2   | 98    | -0.02    |
| 8    | Naphthalene            | 1.033 | 1.042 | -0.9  | 103   | -0.02    |
| 9    | 2-Methylnaphthalene    | 0.675 | 0.658 | 2.5   | 102   | -0.01    |
| 10 I | Acenaphthene-d10       | 1.000 | 1.000 | 0.0   | 105   | -0.03    |
| 11 S | 2,4,6-Tribromophenol   | 0.222 | 0.162 | 27.0# | 66    | -0.01    |
| 12 S | 2-Fluorobiphenyl       | 1.421 | 1.407 | 1.0   | 102   | -0.02    |
| 13   | Acenaphthylene         | 2.016 | 1.999 | 0.8   | 117   | -0.01    |
| 14   | Acenaphthene           | 1.237 | 1.218 | 1.5   | 105   | -0.01    |
| 15   | Fluorene               | 1.591 | 1.548 | 2.7   | 103   | -0.01    |
| 16 I | Phenanthrene-d10       | 1.000 | 1.000 | 0.0   | 107   | -0.01    |
| 17   | Hexachlorobenzene      | 0.184 | 0.180 | 2.2   | 104   | -0.02    |
| 18   | Pentachlorophenol      | 0.103 | 0.096 | 6.8   | 114   | -0.02    |
| 19   | Phenanthrene           | 1.171 | 1.147 | 2.0   | 104   | -0.01    |
| 20   | Anthracene             | 1.080 | 1.006 | 6.9   | 102   | -0.01    |
| 21   | Fluoranthene           | 1.380 | 1.335 | 3.3   | 104   | -0.02    |
| 22 I | Chrysene-d12           | 1.000 | 1.000 | 0.0   | 114   | -0.02    |
| 23   | Pyrene                 | 1.020 | 0.939 | 7.9   | 104   | 0.00     |
| 24 S | Terphenyl-d14          | 0.634 | 0.595 | 6.2   | 104   | -0.02    |
| 25   | Benzo(a)anthracene     | 1.174 | 1.080 | 8.0   | 103   | -0.02    |
| 26   | Chrysene               | 1.004 | 0.934 | 7.0   | 103   | -0.02    |
| 27   | Indeno(1,2,3-cd)pyrene | 1.157 | 1.043 | 9.9   | 103   | -0.06    |
| 28 I | Perylene-d12           | 1.000 | 1.000 | 0.0   | 107   | -0.03    |
| 29   | Benzo(b)fluoranthene   | 1.213 | 1.206 | 0.6   | 106   | -0.02    |
| 30   | Benzo(k)fluoranthene   | 1.174 | 1.109 | 5.5   | 103   | -0.02    |
| 31 C | Benzo(a)pyrene         | 1.108 | 1.056 | 4.7   | 104   | -0.03    |
| 32   | Dibenzo(a,h)anthracene | 1.088 | 1.046 | 3.9   | 104   | -0.05    |
| 33   | Benzo(g,h,i)perylene   | 1.111 | 1.076 | 3.2   | 104   | -0.05    |

(#) = Out of Range

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