

Data Path : Z:\HPCHEM1\BNA\_E\DATA\BE092415\  
 Data File : BE090964.D  
 Acq On : 24 Sep 2015 4:03  
 Operator : UM/IZ  
 Sample : SSTDCCC001  
 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 BNA\_E  
 LabSampleId :  
 SSTDCCC001

Quant Time: Sep 24 08:26:14 2015  
 Quant Method : Z:\HPCHEM1\BNA\_E\METHODS\8270-SIM-BE091815.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Fri Sep 18 18:17:34 2015  
 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   | 132   | 0.00     |
| 2    | 1,4-Dioxane                | 0.795 | 0.829 | -4.3  | 134   | 0.00     |
| 3    | n-Nitrosodimethylamine     | 1.067 | 0.844 | 20.9  | 107   | 0.00     |
| 4 S  | 2-Fluorophenol             | 1.238 | 0.849 | 31.4# | 91    | 0.00     |
| 5 S  | Phenol-d6                  | 1.559 | 1.028 | 34.1# | 90    | 0.04     |
| 6    | bis(2-Chloroethyl)ether    | 1.546 | 1.558 | -0.8  | 145   | 0.00     |
| 7 I  | Naphthalene-d8             | 1.000 | 1.000 | 0.0   | 141   | 0.00     |
| 8 S  | Nitrobenzene-d5            | 0.345 | 0.282 | 18.3  | 117   | 0.00     |
| 9    | Nitrobenzene               | 0.383 | 0.289 | 24.5  | 111   | 0.00     |
| 10   | Naphthalene                | 1.126 | 1.107 | 1.7   | 141   | 0.00     |
| 11   | Hexachlorobutadiene        | 0.166 | 0.186 | -12.0 | 156#  | 0.00     |
| 12   | 2-Methylnaphthalene        | 0.672 | 0.654 | 2.7   | 141   | 0.01     |
| 13 I | Acenaphthene-d10           | 1.000 | 1.000 | 0.0   | 153#  | 0.00     |
| 14 S | 2,4,6-Tribromophenol       | 0.196 | 0.123 | 37.2# | 110   | 0.00     |
| 15 S | 2-Fluorobiphenyl           | 1.418 | 1.356 | 4.4   | 145   | 0.00     |
| 16   | Acenaphthylene             | 8.705 | 8.346 | 4.1   | 148   | 0.00     |
| 17   | Acenaphthene               | 1.341 | 1.360 | -1.4  | 157#  | 0.00     |
| 18   | Fluorene                   | 1.705 | 1.593 | 6.6   | 147   | 0.00     |
| 19 I | Phenanthrene-d10           | 1.000 | 1.000 | 0.0   | 140   | 0.00     |
| 20   | 4-Bromophenyl-phenylether  | 0.193 | 0.189 | 2.1   | 139   | 0.00     |
| 21   | Hexachlorobenzene          | 0.906 | 1.006 | -11.0 | 154#  | 0.00     |
| 22   | Pentachlorophenol          | 0.087 | 0.040 | 54.0# | 70    | 0.05     |
| 23   | Phenanthrene               | 1.292 | 1.252 | 3.1   | 139   | 0.00     |
| 24   | Anthracene                 | 1.144 | 1.037 | 9.4   | 131   | 0.00     |
| 25   | Fluoranthene               | 1.525 | 1.336 | 12.4  | 123   | 0.00     |
| 26 I | Chrysene-d12               | 1.000 | 1.000 | 0.0   | 110   | 0.00     |
| 27   | Pyrene                     | 1.141 | 1.189 | -4.2  | 122   | 0.00     |
| 28 S | Terphenyl-d14              | 0.638 | 0.627 | 1.7   | 118   | 0.01     |
| 29   | Benzo(a)anthracene         | 1.235 | 1.025 | 17.0  | 96    | 0.00     |
| 30   | Chrysene                   | 1.352 | 1.461 | -8.1  | 119   | 0.00     |
| 31   | Bis(2-ethylhexyl)phthalate | 0.515 | 0.355 | 31.1# | 86    | 0.00     |
| 32   | Indeno(1,2,3-cd)pyrene     | 1.455 | 1.185 | 18.6  | 89    | 0.00     |
| 33 I | Perylene-d12               | 1.000 | 1.000 | 0.0   | 98    | 0.00     |
| 34   | Benzo(b)fluoranthene       | 1.170 | 1.024 | 12.5  | 89    | 0.00     |
| 35   | Benzo(k)fluoranthene       | 1.347 | 1.477 | -9.7  | 108   | 0.00     |
| 36 C | Benzo(a)pyrene             | 1.113 | 1.157 | -4.0  | 106   | 0.00     |
| 37   | Dibenzo(a,h)anthracene     | 1.158 | 0.980 | 15.4  | 84    | 0.00     |
| 38   | Benzo(g,h,i)perylene       | 1.240 | 1.111 | 10.4  | 89    | 0.00     |

(#) = Out of Range

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