

Data Path : Z:\HPCHEM1\BNA E\DATA\BE111716\  
 Data File : BE092561.D  
 Acq On : 17 Nov 2016 16:14  
 Operator : UM/SJ  
 Sample : SSTDCCC0.4  
 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 BNA\_E  
 LabSampleId :  
 SSTDCCC0.4

Quant Time: Nov 18 00:19:14 2016  
 Quant Method : Z:\HPCHEM1\BNA E\METHODS\8270-SIM-BE111616.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Wed Nov 16 15:43:18 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                   | Amount | Calc. | %Dev   | Area% | Dev(min) |
|------|----------------------------|--------|-------|--------|-------|----------|
| 1 I  | 1,4-Dichlorobenzene-d4     | 5.000  | 5.000 | 0.0    | 111   | -0.02    |
| 2    | 1,4-Dioxane                | 0.400  | 0.452 | -13.0  | 140   | 0.00     |
| 3    | n-Nitrosodimethylamine     | 0.400  | 0.470 | -17.5  | 126   | -0.01    |
| 4 S  | 2-Fluorophenol             | 0.400  | 0.430 | -7.5   | 120   | 0.00     |
| 5 S  | Phenol-d6                  | 0.400  | 0.438 | -9.5   | 127   | 0.00     |
| 6    | bis(2-Chloroethyl)ether    | 0.400  | 0.350 | 12.5   | 112   | 0.00     |
| 7 I  | Naphthalene-d8             | 5.000  | 5.000 | 0.0    | 110   | 0.00     |
| 8 S  | Nitrobenzene-d5            | 0.400  | 0.409 | -2.2   | 113   | -0.02    |
| 9    | Naphthalene                | 0.400  | 0.402 | -0.5   | 111   | -0.02    |
| 10   | Hexachlorobutadiene        | 0.400  | 0.408 | -2.0   | 111   | 0.00     |
| 11   | 2-Methylnaphthalene        | 0.400  | 0.397 | 0.8    | 115   | -0.01    |
| 12 I | Acenaphthene-d10           | 5.000  | 5.000 | 0.0    | 115   | 0.00     |
| 13 S | 2,4,6-Tribromophenol       | 0.400  | 0.399 | 0.3    | 122   | 0.00     |
| 14 S | 2-Fluorobiphenyl           | 0.400  | 0.397 | 0.8    | 113   | 0.00     |
| 15   | Acenaphthylene             | 0.400  | 0.393 | 1.8    | 118   | 0.00     |
| 16   | Acenaphthene               | 0.400  | 0.394 | 1.5    | 113   | 0.00     |
| 17   | Fluorene                   | 0.400  | 0.396 | 1.0    | 115   | -0.01    |
| 18 I | Phenanthrene-d10           | 5.000  | 5.000 | 0.0    | 105   | 0.00     |
| 19   | Hexachlorobenzene          | 0.400  | 0.479 | -19.7  | 140   | 0.00     |
| 20   | Pentachlorophenol          | 0.400  | 0.516 | -29.0# | 149   | 0.00     |
| 21   | Phenanthrene               | 0.400  | 0.420 | -5.0   | 114   | -0.02    |
| 22   | Anthracene                 | 0.400  | 0.403 | -0.8   | 112   | 0.00     |
| 23   | Fluoranthene               | 0.400  | 0.407 | -1.7   | 113   | 0.00     |
| 24 I | Chrysene-d12               | 5.000  | 5.000 | 0.0    | 108   | 0.00     |
| 25   | Pyrene                     | 0.400  | 0.395 | 1.3    | 114   | 0.00     |
| 26 S | Terphenyl-d14              | 0.400  | 0.389 | 2.8    | 113   | -0.02    |
| 27   | Benzo(a)anthracene         | 0.400  | 0.460 | -15.0  | 119   | 0.00     |
| 28   | Chrysene                   | 0.400  | 0.424 | -6.0   | 110   | -0.02    |
| 29   | Bis(2-ethylhexyl)phthalate | 0.400  | 0.548 | -37.0# | 150   | -0.02    |
| 30   | Indeno(1,2,3-cd)pyrene     | 0.400  | 0.411 | -2.7   | 103   | 0.00     |
| 31 I | Perylene-d12               | 5.000  | 5.000 | 0.0    | 102   | -0.01    |
| 32   | Benzo(b)fluoranthene       | 0.400  | 0.380 | 5.0    | 101   | -0.01    |
| 33   | Benzo(k)fluoranthene       | 0.400  | 0.398 | 0.5    | 107   | -0.01    |
| 34 C | Benzo(a)pyrene             | 0.400  | 0.384 | 4.0    | 106   | -0.01    |
| 35   | Dibenzo(a,h)anthracene     | 0.400  | 0.376 | 6.0    | 103   | -0.02    |
| 36   | Benzo(g,h,i)perylene       | 0.400  | 0.383 | 4.3    | 102   | 0.00     |

(#) = Out of Range

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