

Data Path : Z:\HPCHEM1\BNA E\DATA\BE110816\  
 Data File : BE092509.D  
 Acq On : 8 Nov 2016 15:16  
 Operator : UM/SJ  
 Sample : SSTDICV0.4  
 Misc :  
 ALS Vial : 10 Sample Multiplier: 1

Instrument :  
 BNA\_E  
 ClientSampleId :  
 ICVBE110816

Quant Time: Nov 08 16:31:51 2016  
 Quant Method : Z:\HPCHEM1\BNA E\METHODS\8270-SIM-BE110816.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Tue Nov 08 16:27:22 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   | 105   | 0.00     |
| 2    | 1,4-Dioxane                | 0.400  | 0.426 | -6.5  | 127   | 0.00     |
| 3    | n-Nitrosodimethylamine     | 0.400  | 0.411 | -2.7  | 100   | 0.00     |
| 4 S  | 2-Fluorophenol             | 0.400  | 0.382 | 4.5   | 109   | 0.00     |
| 5 S  | Phenol-d6                  | 0.400  | 0.358 | 10.5  | 107   | 0.00     |
| 6    | bis(2-Chloroethyl)ether    | 0.400  | 0.364 | 9.0   | 103   | 0.00     |
| 7 I  | Naphthalene-d8             | 5.000  | 5.000 | 0.0   | 104   | 0.00     |
| 8 S  | Nitrobenzene-d5            | 0.400  | 0.370 | 7.5   | 111   | 0.00     |
| 9    | Naphthalene                | 0.400  | 0.396 | 1.0   | 102   | 0.00     |
| 10   | Hexachlorobutadiene        | 0.400  | 0.412 | -3.0  | 104   | -0.02    |
| 11   | 2-Methylnaphthalene        | 0.400  | 0.391 | 2.3   | 106   | 0.00     |
| 12 I | Acenaphthene-d10           | 5.000  | 5.000 | 0.0   | 105   | 0.00     |
| 13 S | 2,4,6-Tribromophenol       | 0.400  | 0.469 | -17.2 | 106   | 0.00     |
| 14 S | 2-Fluorobiphenyl           | 0.400  | 0.408 | -2.0  | 111   | 0.00     |
| 15   | Acenaphthylene             | 0.400  | 0.389 | 2.8   | 109   | -0.02    |
| 16   | Acenaphthene               | 0.400  | 0.395 | 1.3   | 107   | 0.00     |
| 17   | Fluorene                   | 0.400  | 0.391 | 2.3   | 108   | 0.00     |
| 18 I | Phenanthrene-d10           | 5.000  | 5.000 | 0.0   | 103   | 0.00     |
| 19   | Hexachlorobenzene          | 0.400  | 0.408 | -2.0  | 112   | 0.00     |
| 20   | Pentachlorophenol          | 0.400  | 0.324 | 19.0  | 97    | 0.00     |
| 21   | Phenanthrene               | 0.400  | 0.428 | -7.0  | 113   | 0.00     |
| 22   | Anthracene                 | 0.400  | 0.400 | 0.0   | 107   | 0.00     |
| 23   | Fluoranthene               | 0.400  | 0.402 | -0.5  | 106   | 0.00     |
| 24 I | Chrysene-d12               | 5.000  | 5.000 | 0.0   | 108   | 0.00     |
| 25   | Pyrene                     | 0.400  | 0.367 | 8.3   | 107   | 0.00     |
| 26 S | Terphenyl-d14              | 0.400  | 0.373 | 6.8   | 109   | -0.02    |
| 27   | Benzo(a)anthracene         | 0.400  | 0.380 | 5.0   | 111   | 0.00     |
| 28   | Chrysene                   | 0.400  | 0.357 | 10.8  | 101   | 0.00     |
| 29   | Bis(2-ethylhexyl)phthalate | 0.400  | 0.406 | -1.5  | 102   | 0.00     |
| 30   | Indeno(1,2,3-cd)pyrene     | 0.400  | 0.382 | 4.5   | 102   | 0.00     |
| 31 I | Perylene-d12               | 5.000  | 5.000 | 0.0   | 103   | 0.00     |
| 32   | Benzo(b)fluoranthene       | 0.400  | 0.423 | -5.7  | 103   | 0.00     |
| 33   | Benzo(k)fluoranthene       | 0.400  | 0.358 | 10.5  | 97    | 0.00     |
| 34 C | Benzo(a)pyrene             | 0.400  | 0.382 | 4.5   | 102   | 0.00     |
| 35   | Dibenzo(a,h)anthracene     | 0.400  | 0.386 | 3.5   | 102   | -0.02    |
| 36   | Benzo(g,h,i)perylene       | 0.400  | 0.388 | 3.0   | 103   | 0.00     |

(#) = Out of Range

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