

Data Path : Z:\HPCHEM1\BNA\_E\Data\BE080316\  
 Data File : BE092182.D  
 Acq On : 4 Aug 2016 14:40  
 Operator : UM/SJ  
 Sample : SSTDCCC0.4  
 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 BNA\_E  
 LabSampleId :  
 SSTDCCC0.4

Quant Time: Aug 04 15:15:49 2016  
 Quant Method : Z:\HPCHEM1\BNA\_E\METHODS\8270-PAH-BE080216.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Tue Aug 02 16:59:37 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  | 99    | 0.00     |
| 2    | 1,4-Dioxane            | 0.400  | 0.375 | 6.3  | 89    | 0.00     |
| 3    | n-Nitrosodimethylamine | 0.400  | 0.402 | -0.5 | 98    | 0.00     |
| 4 S  | 2-Fluorophenol         | 0.400  | 0.336 | 16.0 | 94    | 0.01     |
| 5 S  | Phenol-d6              | 0.400  | 0.375 | 6.3  | 101   | 0.00     |
| 6 I  | Naphthalene-d8         | 5.000  | 5.000 | 0.0  | 106   | -0.02    |
| 7 S  | Nitrobenzene-d5        | 0.400  | 0.379 | 5.3  | 105   | 0.00     |
| 8    | Naphthalene            | 0.400  | 0.398 | 0.5  | 103   | 0.00     |
| 9    | 2-Methylnaphthalene    | 0.400  | 0.404 | -1.0 | 107   | 0.00     |
| 10 I | Acenaphthene-d10       | 5.000  | 5.000 | 0.0  | 107   | -0.02    |
| 11 S | 2,4,6-Tribromophenol   | 0.400  | 0.339 | 15.3 | 109   | 0.00     |
| 12 S | 2-Fluorobiphenyl       | 0.400  | 0.386 | 3.5  | 108   | 0.00     |
| 13   | Acenaphthylene         | 0.400  | 0.380 | 5.0  | 108   | -0.02    |
| 14   | Acenaphthene           | 0.400  | 0.394 | 1.5  | 109   | 0.00     |
| 15   | Fluorene               | 0.400  | 0.376 | 6.0  | 107   | -0.01    |
| 16 I | Phenanthrene-d10       | 5.000  | 5.000 | 0.0  | 114   | -0.02    |
| 17   | Hexachlorobenzene      | 0.400  | 0.368 | 8.0  | 104   | 0.00     |
| 18   | Pentachlorophenol      | 0.400  | 0.398 | 0.5  | 99    | 0.00     |
| 19   | Phenanthrene           | 0.400  | 0.363 | 9.3  | 111   | 0.00     |
| 20   | Anthracene             | 0.400  | 0.358 | 10.5 | 109   | 0.00     |
| 21   | Fluoranthene           | 0.400  | 0.354 | 11.5 | 105   | 0.00     |
| 22 I | Chrysene-d12           | 5.000  | 5.000 | 0.0  | 99    | 0.00     |
| 23   | Pyrene                 | 0.400  | 0.402 | -0.5 | 108   | 0.00     |
| 24 S | Terphenyl-d14          | 0.400  | 0.430 | -7.5 | 116   | -0.02    |
| 25   | Benzo(a)anthracene     | 0.400  | 0.376 | 6.0  | 100   | 0.00     |
| 26   | Chrysene               | 0.400  | 0.379 | 5.3  | 99    | 0.00     |
| 27   | Indeno(1,2,3-cd)pyrene | 0.400  | 0.358 | 10.5 | 96    | 0.00     |
| 28 I | Perylene-d12           | 5.000  | 5.000 | 0.0  | 95    | 0.00     |
| 29   | Benzo(b)fluoranthene   | 0.400  | 0.367 | 8.3  | 86    | 0.00     |
| 30   | Benzo(k)fluoranthene   | 0.400  | 0.389 | 2.8  | 107   | -0.01    |
| 31 C | Benzo(a)pyrene         | 0.400  | 0.395 | 1.3  | 98    | 0.00     |
| 32   | Dibenzo(a,h)anthracene | 0.400  | 0.381 | 4.8  | 96    | 0.00     |
| 33   | Benzo(g,h,i)perylene   | 0.400  | 0.375 | 6.3  | 94    | 0.00     |

(#) = Out of Range

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