

Data Path : Z:\HPCHEM1\BNA B\DATA\BB030917\  
 Data File : BB058707.D  
 Acq On : 9 Mar 2017 13:53  
 Operator : UM/SJ  
 Sample : SSTDCCC020  
 Misc :  
 ALS Vial : 4 Sample Multiplier: 1

Instrument :  
 BNA\_B  
 LabSampleId :  
 SSTD02092

Quant Time: Mar 15 14:11:13 2017  
 Quant Method : Z:\HPCHEM1\BNA B\METHOD\SOM-EPA-BB030917-PAH.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Wed Mar 15 14:09:33 2017  
 Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 20% Max. R.T. Dev 0.50min  
 Max. RRF Dev : 20% Max. Rel. Area : 150%

|      | Compound               | AvgRF | CCRF  | %Dev   | Area% | Dev(min) |
|------|------------------------|-------|-------|--------|-------|----------|
| 1 I  | 1,4-Dichlorobenzene-d4 | 1.000 | 1.000 | 0.0    | 86    | 0.02     |
| 2 I  | Naphthalene-d8         | 1.000 | 1.000 | 0.0    | 86    | 0.01     |
| 3 S  | 2,4-Dichlorophenol-d3  | 0.381 | 0.381 | 0.0    | 87    | 0.01     |
| 4    | Naphthalene            | 0.976 | 1.010 | -3.5   | 85    | 0.01     |
| 5    | 2-Methylnaphthalene    | 0.730 | 0.765 | -4.8   | 91    | 0.01     |
| 6 I  | Acenaphthene-d10       | 1.000 | 1.000 | 0.0    | 87    | 0.01     |
| 7 S  | Acenaphthylene-d8      | 1.558 | 1.841 | -18.2  | 87    | 0.01     |
| 8    | Acenaphthylene         | 1.454 | 1.780 | -22.4# | 89    | 0.01     |
| 9 C  | Acenaphthene           | 1.068 | 1.238 | -15.9  | 87    | 0.01     |
| 10 S | Fluorene-d10           | 1.266 | 1.413 | -11.6  | 83    | 0.01     |
| 11   | Fluorene               | 1.323 | 1.574 | -19.0  | 86    | 0.01     |
| 12 I | Phenanthrene-d10       | 1.000 | 1.000 | 0.0    | 84    | 0.01     |
| 13 C | Pentachlorophenol      | 0.169 | 0.147 | 13.0   | 84    | 0.01     |
| 14   | Phenanthrene           | 0.993 | 1.133 | -14.1  | 89    | 0.01     |
| 15 S | Anthracene-d10         | 0.890 | 0.942 | -5.8   | 85    | 0.01     |
| 16   | Anthracene             | 0.999 | 1.160 | -16.1  | 88    | 0.01     |
| 17 C | Fluoranthene           | 0.927 | 1.206 | -30.1# | 89    | 0.01     |
| 18 I | Chrysene-d12           | 1.000 | 1.000 | 0.0    | 86    | 0.01     |
| 19 S | Pyrene-d10             | 0.909 | 0.965 | -6.2   | 87    | 0.00     |
| 20   | Pyrene                 | 1.113 | 1.272 | -14.3  | 87    | 0.01     |
| 21   | Benzo(a)anthracene     | 1.050 | 1.081 | -3.0   | 85    | 0.01     |
| 22   | Chrysene               | 0.956 | 1.017 | -6.4   | 86    | 0.01     |
| 23 I | Perylene-d12           | 1.000 | 1.000 | 0.0    | 87    | 0.01     |
| 24   | Benzo(b)fluoranthene   | 1.224 | 1.216 | 0.7    | 87    | 0.01     |
| 25   | Benzo(k)fluoranthene   | 1.072 | 1.101 | -2.7   | 88    | 0.01     |
| 26 S | Benzo(a)pyrene-d12     | 0.895 | 0.888 | 0.8    | 87    | 0.01     |
| 27 C | Benzo(a)pyrene         | 1.100 | 1.079 | 1.9    | 86    | 0.01     |
| 28   | Indeno(1,2,3-cd)pyrene | 1.005 | 0.995 | 1.0    | 84    | 0.00     |
| 29   | Dibenzo(a,h)anthracene | 0.859 | 0.829 | 3.5    | 83    | 0.01     |
| 30   | Benzo(g,h,i)perylene   | 0.785 | 0.765 | 2.5    | 82    | 0.01     |

(#) = Out of Range

SPCC's out = 0 CCC's out = 1