

Data Path : Z:\HPCHEM1\BNA G\Data\BG052717\  
 Data File : BG027188.D  
 Acq On : 28 May 2017 3:22  
 Operator : SJ/MA  
 Sample : SSTDCCC020  
 Misc :  
 ALS Vial : 4 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 LabSampleId :  
 SSTD02073

Quant Time: May 29 03:27:13 2017  
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM-EPA-BG052717-PAH.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Mon May 29 03:25:12 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    | 103   | 0.00     |
| 2 I  | Naphthalene-d8         | 1.000 | 1.000 | 0.0    | 136   | 0.00     |
| 3 S  | 2,4-Dichlorophenol-d3  | 0.279 | 0.289 | -3.6   | 148   | 0.00     |
| 4    | Naphthalene            | 0.979 | 1.023 | -4.5   | 139   | 0.00     |
| 5    | 2-Methylnaphthalene    | 0.741 | 0.752 | -1.5   | 134   | 0.00     |
| 6 I  | Acenaphthene-d10       | 1.000 | 1.000 | 0.0    | 145   | 0.00     |
| 7 S  | Acenaphthylene-d8      | 1.993 | 1.690 | 15.2   | 116   | 0.00     |
| 8    | Acenaphthylene         | 1.951 | 1.669 | 14.5   | 114   | 0.00     |
| 9 C  | Acenaphthene           | 1.329 | 1.378 | -3.7   | 140   | 0.00     |
| 10 S | Fluorene-d10           | 1.364 | 1.415 | -3.7   | 160#  | 0.00     |
| 11   | Fluorene               | 1.522 | 1.587 | -4.3   | 159#  | 0.00     |
| 12 I | Phenanthrene-d10       | 1.000 | 1.000 | 0.0    | 142   | 0.00     |
| 13   | Pentachlorophenol      | 0.086 | 0.071 | 17.4   | 137   | 0.00     |
| 14   | Phenanthrene           | 1.099 | 1.101 | -0.2   | 144   | 0.00     |
| 15 S | Anthracene-d10         | 0.965 | 0.952 | 1.3    | 138   | 0.00     |
| 16   | Anthracene             | 1.145 | 1.138 | 0.6    | 128   | 0.00     |
| 17 C | Fluoranthene           | 1.082 | 1.170 | -8.1   | 148   | 0.00     |
| 18 I | Chrysene-d12           | 1.000 | 1.000 | 0.0    | 139   | 0.00     |
| 19 S | Pyrene-d10             | 1.099 | 1.291 | -17.5  | 132   | 0.00     |
| 20   | Pyrene                 | 1.367 | 1.650 | -20.7# | 157#  | 0.00     |
| 21   | Benzo(a)anthracene     | 1.168 | 1.198 | -2.6   | 141   | 0.00     |
| 22   | Chrysene               | 1.058 | 0.959 | 9.4    | 125   | 0.00     |
| 23 I | Perylene-d12           | 1.000 | 1.000 | 0.0    | 129   | 0.00     |
| 24   | Benzo(b)fluoranthene   | 1.066 | 1.141 | -7.0   | 145   | 0.00     |
| 25   | Benzo(k)fluoranthene   | 1.031 | 1.095 | -6.2   | 142   | 0.00     |
| 26 S | Benzo(a)pyrene-d12     | 0.826 | 0.905 | -9.6   | 149   | 0.00     |
| 27 C | Benzo(a)pyrene         | 1.008 | 1.094 | -8.5   | 145   | 0.00     |
| 28   | Indeno(1,2,3-cd)pyrene | 1.328 | 1.297 | 2.3    | 139   | 0.00     |
| 29   | Dibenzo(a,h)anthracene | 1.111 | 1.097 | 1.3    | 143   | 0.00     |
| 30   | Benzo(g,h,i)perylene   | 1.058 | 1.076 | -1.7   | 133   | -0.01    |

(#) = Out of Range

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