

Data Path : Z:\HPCHEM1\BNA\_G\DATA\BG031317\  
 Data File : BG026221.D  
 Acq On : 13 Mar 2017 21:07  
 Operator : SJ/MA  
 Sample : SSTDCCC020  
 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 LabSampleId :  
 SSTD02024

Quant Time: Mar 15 17:45:50 2017  
 Quant Method : Z:\HPCHEM1\BNA\_G\METHODS\SOM-EPA-BG030317-PAH.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Wed Mar 15 17:21:10 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   | 61    | -0.02    |
| 2 I  | Naphthalene-d8         | 1.000 | 1.000 | 0.0   | 74    | -0.02    |
| 3 S  | 2,4-Dichlorophenol-d3  | 0.296 | 0.247 | 16.6  | 61    | 0.00     |
| 4    | Naphthalene            | 0.978 | 0.987 | -0.9  | 74    | 0.00     |
| 5    | 2-Methylnaphthalene    | 0.726 | 0.785 | -8.1  | 79    | -0.02    |
| 6 I  | Acenaphthene-d10       | 1.000 | 1.000 | 0.0   | 82    | 0.00     |
| 7 S  | Acenaphthylene-d8      | 1.705 | 1.971 | -15.6 | 83    | 0.00     |
| 8    | Acenaphthylene         | 1.742 | 1.995 | -14.5 | 83    | 0.00     |
| 9 C  | Acenaphthene           | 1.231 | 1.455 | -18.2 | 87    | -0.02    |
| 10 S | Fluorene-d10           | 1.244 | 1.437 | -15.5 | 84    | -0.02    |
| 11   | Fluorene               | 1.390 | 1.667 | -19.9 | 87    | 0.00     |
| 12 I | Phenanthrene-d10       | 1.000 | 1.000 | 0.0   | 84    | 0.00     |
| 13   | Pentachlorophenol      | 0.128 | 0.088 | 31.3# | 61    | 0.00     |
| 14   | Phenanthrene           | 1.060 | 1.114 | -5.1  | 87    | 0.00     |
| 15 S | Anthracene-d10         | 0.889 | 0.912 | -2.6  | 85    | -0.02    |
| 16   | Anthracene             | 1.071 | 1.113 | -3.9  | 85    | 0.00     |
| 17 C | Fluoranthene           | 1.100 | 1.203 | -9.4  | 83    | 0.00     |
| 18 I | Chrysene-d12           | 1.000 | 1.000 | 0.0   | 90    | -0.02    |
| 19 S | Pyrene-d10             | 1.021 | 0.917 | 10.2  | 80    | 0.00     |
| 20   | Pyrene                 | 1.273 | 1.185 | 6.9   | 82    | 0.00     |
| 21   | Benzo(a)anthracene     | 1.113 | 1.126 | -1.2  | 91    | 0.00     |
| 22   | Chrysene               | 1.039 | 1.092 | -5.1  | 95    | 0.00     |
| 23 I | Perylene-d12           | 1.000 | 1.000 | 0.0   | 89    | -0.03    |
| 24   | Benzo(b)fluoranthene   | 1.135 | 1.223 | -7.8  | 95    | -0.02    |
| 25   | Benzo(k)fluoranthene   | 1.084 | 1.157 | -6.7  | 91    | -0.02    |
| 26 S | Benzo(a)pyrene-d12     | 0.863 | 0.912 | -5.7  | 95    | -0.02    |
| 27 C | Benzo(a)pyrene         | 1.055 | 1.156 | -9.6  | 95    | -0.02    |
| 28   | Indeno(1,2,3-cd)pyrene | 1.165 | 1.355 | -16.3 | 103   | -0.03    |
| 29   | Dibenzo(a,h)anthracene | 0.924 | 1.079 | -16.8 | 102   | -0.04    |
| 30   | Benzo(g,h,i)perylene   | 0.997 | 1.120 | -12.3 | 98    | -0.03    |

(#) = Out of Range

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