

Data Path : Z:\HPCHEM1\BNA G\DATA\BG051817\  
 Data File : BG027001.D  
 Acq On : 18 May 2017 11:50  
 Operator : SJ/MA  
 Sample : SSTD00593  
 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 SSTD00593

Quant Time: May 18 14:49:06 2017  
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM-EPA-BG051817MA.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Thu May 18 14:46:30 2017  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 8.00  | 152  | 171566   | 20.00 | ng/ul | 0.00     |
| 2) Naphthalene-d8         | 10.80 | 136  | 842531   | 20.00 | ng/ul | 0.00     |
| 6) Acenaphthene-d10       | 14.61 | 164  | 455070   | 20.00 | ng/ul | 0.00     |
| 12) Phenanthrene-d10      | 17.35 | 188  | 830076   | 20.00 | ng/ul | 0.00     |
| 17) Chrysene-d12          | 21.60 | 240  | 739252   | 20.00 | ng/ul | 0.00     |
| 22) Perylene-d12          | 24.76 | 264  | 755202   | 20.00 | ng/ul | 0.00     |

## System Monitoring Compounds

|                        |       |     |        |      |       |      |
|------------------------|-------|-----|--------|------|-------|------|
| 7) Acenaphthylene-d8   | 14.31 | 160 | 253160 | 6.72 | ng/ul | 0.00 |
| 10) Fluorene-d10       | 15.60 | 176 | 168945 | 5.84 | ng/ul | 0.00 |
| 14) Anthracene-d10     | 17.45 | 188 | 220456 | 5.87 | ng/ul | 0.00 |
| 18) Pyrene-d10         | 19.73 | 212 | 211496 | 5.94 | ng/ul | 0.00 |
| 25) Benzo(a)pyrene-d12 | 24.54 | 264 | 192939 | 5.77 | ng/ul | 0.00 |

## Target Compounds

|                            |       |     |        |      |        | Ovalue |
|----------------------------|-------|-----|--------|------|--------|--------|
| 3) Naphthalene             | 10.85 | 128 | 240737 | 5.79 | ng/ul  | 99     |
| 4) 2-Methylnaphthalene     | 12.45 | 142 | 179199 | 5.47 | ng/ul  | 94     |
| 5) 1-Methylnaphthalene     | 12.67 | 142 | 192817 | 6.04 | ng/ul# | 94     |
| 8) Acenaphthylene          | 14.34 | 152 | 260183 | 6.74 | ng/ul  | 99     |
| 9) Acenaphthene            | 14.68 | 153 | 172360 | 6.25 | ng/ul  | 98     |
| 11) Fluorene               | 15.66 | 166 | 187247 | 5.78 | ng/ul  | 96     |
| 13) Phenanthrene           | 17.39 | 178 | 257918 | 5.83 | ng/ul  | 100    |
| 15) Anthracene             | 17.48 | 178 | 266419 | 5.92 | ng/ul  | 98     |
| 16) Fluoranthene           | 19.39 | 202 | 260238 | 5.35 | ng/ul# | 92     |
| 19) Pyrene                 | 19.76 | 202 | 269936 | 6.03 | ng/ul# | 86     |
| 20) Benzo(a)anthracene     | 21.58 | 228 | 245588 | 5.91 | ng/ul  | 97     |
| 21) Chrysene               | 21.64 | 228 | 224521 | 5.65 | ng/ul  | 99     |
| 23) Benzo(b)fluoranthene   | 23.75 | 252 | 229744 | 5.27 | ng/ul# | 94     |
| 24) Benzo(k)fluoranthene   | 23.82 | 252 | 253877 | 6.02 | ng/ul# | 94     |
| 26) Benzo(a)pyrene         | 24.61 | 252 | 223463 | 5.29 | ng/ul# | 93     |
| 27) Indeno(1,2,3-cd)pyrene | 28.36 | 276 | 203489 | 4.11 | ng/ul# | 69     |
| 28) Dibenzo(a,h)anthracene | 28.41 | 278 | 169729 | 4.14 | ng/ul# | 93     |
| 29) Benzo(a,h,i)perylene   | 29.49 | 276 | 66916  | 1.64 | ng/ul# | 88     |

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA G\DATA\BG051817\  
Data File : BG027001.D  
Acq On : 18 May 2017 11:50  
Operator : SJ/MA  
Sample : SSTD00593  
Misc :  
ALS Vial : 2 Sample Multiplier: 1

Instrument :  
BNA\_G  
ClientSampleId :  
SSTD00593

Quant Time: May 18 14:49:06 2017  
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM-EPA-BG051817MA.M  
Quant Title : SVOA CALIBRATION  
QLast Update : Thu May 18 14:46:30 2017  
Response via : Initial Calibration

