

Data Path : Z:\HPCHEM1\BNA G\DATA\BG101017\  
 Data File : BG029134.D  
 Acq On : 10 Oct 2017 10:27  
 Operator : SJ/JU  
 Sample : SSTDC0020  
 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 SSTD02066

Quant Time: Oct 11 04:13:34 2017  
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM-EPA-BG100717MA.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Tue Oct 10 06:24:09 2017  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 8.22  | 152  | 52994    | 20.00 | ng/ul | 0.00     |
| 2) Naphthalene-d8         | 11.03 | 136  | 225986   | 20.00 | ng/ul | 0.00     |
| 6) Acenaphthene-d10       | 14.83 | 164  | 152078   | 20.00 | ng/ul | 0.00     |
| 12) Phenanthrene-d10      | 17.57 | 188  | 358220   | 20.00 | ng/ul | 0.00     |
| 17) Chrysene-d12          | 21.85 | 240  | 390313   | 20.00 | ng/ul | 0.00     |
| 22) Perylene-d12          | 25.19 | 264  | 406588   | 20.00 | ng/ul | 0.00     |

## System Monitoring Compounds

|                        |       |     |        |       |       |      |
|------------------------|-------|-----|--------|-------|-------|------|
| 7) Acenaphthylene-d8   | 14.52 | 160 | 315021 | 19.92 | ng/ul | 0.00 |
| 10) Fluorene-d10       | 15.81 | 176 | 241152 | 21.02 | ng/ul | 0.00 |
| 14) Anthracene-d10     | 17.67 | 188 | 365483 | 21.06 | ng/ul | 0.00 |
| 18) Pyrene-d10         | 19.93 | 212 | 428279 | 21.45 | ng/ul | 0.00 |
| 25) Benzo(a)pyrene-d12 | 24.96 | 264 | 404622 | 20.77 | ng/ul | 0.01 |

## Target Compounds

|                            |       |     |        |        | Ovalue |    |
|----------------------------|-------|-----|--------|--------|--------|----|
| 3) Naphthalene             | 11.09 | 128 | 240734 | 20.462 | ng/ul  | 99 |
| 4) 2-Methylnaphthalene     | 12.67 | 142 | 183842 | 20.589 | ng/ul  | 97 |
| 5) 1-Methylnaphthalene     | 12.89 | 142 | 175471 | 20.590 | ng/ul# | 94 |
| 8) Acenaphthylene          | 14.55 | 152 | 297597 | 19.543 | ng/ul  | 98 |
| 9) Acenaphthene            | 14.89 | 153 | 212167 | 20.472 | ng/ul  | 96 |
| 11) Fluorene               | 15.87 | 166 | 247096 | 20.372 | ng/ul  | 91 |
| 13) Phenanthrene           | 17.61 | 178 | 395816 | 20.716 | ng/ul  | 98 |
| 15) Anthracene             | 17.70 | 178 | 411731 | 21.063 | ng/ul  | 99 |
| 16) Fluoranthene           | 19.60 | 202 | 498829 | 22.271 | ng/ul# | 89 |
| 19) Pyrene                 | 19.96 | 202 | 500212 | 20.559 | ng/ul# | 91 |
| 20) Benzo(a)anthracene     | 21.82 | 228 | 499800 | 21.743 | ng/ul  | 98 |
| 21) Chrysene               | 21.89 | 228 | 445417 | 21.162 | ng/ul  | 99 |
| 23) Benzo(b)fluoranthene   | 24.13 | 252 | 490229 | 20.155 | ng/ul# | 96 |
| 24) Benzo(k)fluoranthene   | 24.19 | 252 | 486535 | 20.495 | ng/ul# | 96 |
| 26) Benzo(a)pyrene         | 25.04 | 252 | 486873 | 20.608 | ng/ul# | 95 |
| 27) Indeno(1,2,3-cd)pyrene | 29.03 | 276 | 525250 | 19.589 | ng/ul# | 92 |
| 28) Dibenzo(a,h)anthracene | 29.09 | 278 | 457857 | 20.624 | ng/ul# | 95 |
| 29) Benzo(g,h,i)perylene   | 30.22 | 276 | 398974 | 18.044 | ng/ul# | 92 |

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

Data Path : Z:\HPCHEM1\BNA G\DATA\BG101017\  
Data File : BG029134.D  
Acq On : 10 Oct 2017 10:27  
Operator : SJ/JU  
Sample : SSTDCCC020  
Misc :  
ALS Vial : 2 Sample Multiplier: 1

Instrument :  
BNA\_G  
ClientSampleID :  
SSTD02066

Quant Time: Oct 11 04:13:34 2017  
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM-EPA-BG100717MA.M  
Quant Title : SVOA CALIBRATION  
QLast Update : Tue Oct 10 06:24:09 2017  
Response via : Initial Calibration

