

Data Path : Z:\HPCHEM1\BNA\_G\DATA\BG030617\  
 Data File : BG026087.D  
 Acq On : 6 Mar 2017 22:23  
 Operator : SJ/MA  
 Sample : SSTDC0020EC  
 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 SSTD02003

Quant Time: Mar 15 14:36:29 2017  
 Quant Method : Z:\HPCHEM1\BNA\_G\METHODS\SOM-EPA-BG030317-PAH.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Wed Mar 15 14:13:45 2017  
 Response via : Initial Calibration

| Internal Standards          | R.T.  | QIon | Response | Conc   | Units | Dev(Min) |
|-----------------------------|-------|------|----------|--------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4   | 8.07  | 152  | 149821   | 20.00  | ng/ul | 0.00     |
| 2) Naphthalene-d8           | 10.87 | 136  | 638346   | 20.00  | ng/ul | 0.00     |
| 6) Acenaphthene-d10         | 14.67 | 164  | 412676   | 20.00  | ng/ul | 0.00     |
| 12) Phenanthrene-d10        | 17.40 | 188  | 829919   | 20.00  | ng/ul | 0.00     |
| 18) Chrysene-d12            | 21.65 | 240  | 854448   | 20.00  | ng/ul | 0.00     |
| 23) Perylene-d12            | 24.84 | 264  | 829971   | 20.00  | ng/ul | 0.00     |
| System Monitoring Compounds |       |      |          |        |       |          |
| 3) 2,4-Dichlorophenol-d3    | 10.48 | 165  | 191266   | 20.23  | ng/uL | 0.00     |
| 7) Acenaphthylene-d8        | 14.37 | 160  | 726149   | 20.64  | ng/ul | 0.00     |
| 10) Fluorene-d10            | 15.66 | 176  | 528721   | 20.60  | ng/ul | 0.00     |
| 15) Anthracene-d10          | 17.50 | 188  | 783031   | 21.23  | ng/ul | 0.00     |
| 19) Pyrene-d10              | 19.77 | 212  | 882757   | 20.25  | ng/ul | 0.00     |
| 26) Benzo(a)pyrene-d12      | 24.62 | 264  | 748527   | 20.91  | ng/ul | 0.00     |
| Target Compounds            |       |      |          | Qvalue |       |          |
| 4) Naphthalene              | 10.92 | 128  | 647388   | 20.73  | ng/ul | 99       |
| 5) 2-Methylnaphthalene      | 12.51 | 142  | 478644   | 20.66  | ng/ul | 96       |
| 8) Acenaphthylene           | 14.40 | 152  | 728696   | 20.28  | ng/ul | 99       |
| 9) Acenaphthene             | 14.74 | 153  | 510129   | 20.08  | ng/ul | 98       |
| 11) Fluorene                | 15.71 | 166  | 583853   | 20.36  | ng/ul | 100      |
| 13) Pentachlorophenol       | 17.05 | 266  | 99862    | 18.77  | ng/uL | 94       |
| 14) Phenanthrene            | 17.44 | 178  | 922600   | 20.98  | ng/ul | 99       |
| 16) Anthracene              | 17.53 | 178  | 929770   | 20.93  | ng/ul | 99       |
| 17) Fluoranthene            | 19.44 | 202  | 1070144  | 23.44  | ng/ul | 99       |
| 20) Pyrene                  | 19.80 | 202  | 1100388  | 20.23  | ng/ul | 100      |
| 21) Benzo(a)anthracene      | 21.63 | 228  | 981731   | 20.65  | ng/ul | 99       |
| 22) Chrysene                | 21.69 | 228  | 918759   | 20.71  | ng/ul | 99       |
| 24) Benzo(b)fluoranthene    | 23.83 | 252  | 976611   | 20.73  | ng/ul | 97       |
| 25) Benzo(k)fluoranthene    | 23.89 | 252  | 930491   | 20.68  | ng/ul | 99       |
| 27) Benzo(a)pyrene          | 24.69 | 252  | 911553   | 20.82  | ng/ul | 98       |
| 28) Indeno(1,2,3-cd)pyrene  | 28.47 | 276  | 1011499  | 20.92  | ng/ul | 98       |
| 29) Dibenzo(a,h)anthracene  | 28.54 | 278  | 805688   | 21.01  | ng/ul | 96       |
| 30) Benzo(g,h,i)perylene    | 29.60 | 276  | 861896   | 20.83  | ng/ul | 98       |

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

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