

Data Path : Z:\HPCHEM1\BNA\_G\DATA\BG030317\  
 Data File : BG026063.D  
 Acq On : 3 Mar 2017 14:23  
 Operator : SJ/MA  
 Sample : SSTDICV020  
 Misc :  
 ALS Vial : 8 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 SICV01

Quant Time: Mar 15 14:17:41 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  | 126334   | 20.00 | ng/ul | 0.00     |
| 2) Naphthalene-d8           | 10.87 | 136  | 548262   | 20.00 | ng/ul | 0.00     |
| 6) Acenaphthene-d10         | 14.67 | 164  | 350708   | 20.00 | ng/ul | 0.00     |
| 12) Phenanthrene-d10        | 17.40 | 188  | 696544   | 20.00 | ng/ul | 0.00     |
| 18) Chrysene-d12            | 21.65 | 240  | 674632   | 20.00 | ng/ul | 0.00     |
| 23) Perylene-d12            | 24.85 | 264  | 660406   | 20.00 | ng/ul | 0.00     |
| System Monitoring Compounds |       |      |          |       |       |          |
| 3) 2,4-Dichlorophenol-d3    | 10.49 | 165  | 172081   | 21.19 | ng/uL | 0.00     |
| 7) Acenaphthylene-d8        | 14.37 | 160  | 617891   | 20.66 | ng/ul | 0.00     |
| 10) Fluorene-d10            | 15.66 | 176  | 446438   | 20.47 | ng/ul | 0.00     |
| 15) Anthracene-d10          | 17.50 | 188  | 653437   | 21.11 | ng/ul | 0.00     |
| 19) Pyrene-d10              | 19.78 | 212  | 729044   | 21.18 | ng/ul | 0.00     |
| 26) Benzo(a)pyrene-d12      | 24.62 | 264  | 602003   | 21.14 | ng/ul | 0.00     |
| Target Compounds            |       |      |          |       |       | Qvalue   |
| 4) Naphthalene              | 10.92 | 128  | 558147   | 20.81 | ng/ul | 98       |
| 5) 2-Methylnaphthalene      | 12.52 | 142  | 416924   | 20.96 | ng/ul | 100      |
| 8) Acenaphthylene           | 14.40 | 152  | 627074   | 20.53 | ng/ul | 98       |
| 9) Acenaphthene             | 14.74 | 153  | 446196   | 20.67 | ng/ul | 98       |
| 11) Fluorene                | 15.71 | 166  | 498535   | 20.46 | ng/ul | 98       |
| 13) Pentachlorophenol       | 17.05 | 266  | 89785    | 20.10 | ng/uL | 99       |
| 14) Phenanthrene            | 17.44 | 178  | 783990   | 21.24 | ng/ul | 99       |
| 16) Anthracene              | 17.54 | 178  | 787412   | 21.12 | ng/ul | 100      |
| 17) Fluoranthene            | 19.44 | 202  | 900947   | 23.51 | ng/ul | 100      |
| 20) Pyrene                  | 19.81 | 202  | 911222   | 21.22 | ng/ul | 99       |
| 21) Benzo(a)anthracene      | 21.63 | 228  | 810275   | 21.58 | ng/ul | 100      |
| 22) Chrysene                | 21.70 | 228  | 772795   | 22.06 | ng/ul | 99       |
| 24) Benzo(b)fluoranthene    | 23.83 | 252  | 809613   | 21.59 | ng/ul | 98       |
| 25) Benzo(k)fluoranthene    | 23.90 | 252  | 763224   | 21.32 | ng/ul | 99       |
| 27) Benzo(a)pyrene          | 24.69 | 252  | 743858   | 21.35 | ng/ul | 99       |
| 28) Indeno(1,2,3-cd)pyrene  | 28.48 | 276  | 819603   | 21.30 | ng/ul | 98       |
| 29) Dibenzo(a,h)anthracene  | 28.54 | 278  | 658608   | 21.58 | ng/ul | 95       |
| 30) Benzo(g,h,i)perylene    | 29.62 | 276  | 700673   | 21.28 | ng/ul | 97       |

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

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