

Data Path : Z:\HPCHEM1\BNA\_G\DATA\BG031317\  
 Data File : BG026228.D  
 Acq On : 14 Mar 2017 1:42  
 Operator : SJ/MA  
 Sample : I2217-17  
 Misc :  
 ALS Vial : 22 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :

Quant Time: Mar 15 17:17:44 2017  
 Quant Method : Z:\HPCHEM1\BNA\_G\METHODS\SOM-EPA-BG030317-PAH.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Wed Mar 15 17:14:22 2017  
 Response via : Initial Calibration

| Internal Standards          | R.T.  | QIon | Response | Conc   | Units  | Dev(Min) |
|-----------------------------|-------|------|----------|--------|--------|----------|
| 1) 1,4-Dichlorobenzene-d4   | 8.06  | 152  | 80939    | 20.00  | ng/ul  | 0.00     |
| 2) Naphthalene-d8           | 10.86 | 136  | 407959   | 20.00  | ng/ul  | 0.00     |
| 6) Acenaphthene-d10         | 14.66 | 164  | 243122   | 20.00  | ng/ul  | 0.00     |
| 12) Phenanthrene-d10        | 17.39 | 188  | 546663   | 20.00  | ng/ul  | 0.00     |
| 18) Chrysene-d12            | 21.64 | 240  | 578646   | 20.00  | ng/ul  | 0.00     |
| 23) Perylene-d12            | 24.83 | 264  | 553769   | 20.00  | ng/ul  | 0.00     |
| System Monitoring Compounds |       |      |          |        |        |          |
| 3) 2,4-Dichlorophenol-d3    | 10.48 | 165  | 103371   | 17.11  | ng/uL  | 0.00     |
| 7) Acenaphthylene-d8        | 14.36 | 160  | 549647   | 26.52  | ng/ul  | 0.00     |
| 10) Fluorene-d10            | 15.65 | 176  | 388499   | 25.69  | ng/ul  | 0.00     |
| 15) Anthracene-d10          | 17.49 | 188  | 553436   | 22.78  | ng/ul  | 0.00     |
| 19) Pyrene-d10              | 19.76 | 212  | 597385   | 20.23  | ng/ul  | 0.00     |
| 26) Benzo(a)pyrene-d12      | 24.61 | 264  | 565172   | 23.66  | ng/ul  | 0.00     |
| Target Compounds            |       |      |          | Qvalue |        |          |
| 14) Phenanthrene            | 17.43 | 178  | 220296   | 7.60   | ng/ul  | 97       |
| 16) Anthracene              | 17.53 | 178  | 37938    | 1.30   | ng/ul  | 98       |
| 17) Fluoranthene            | 19.44 | 202  | 389076   | 12.94  | ng/ul  | 98       |
| 20) Pyrene                  | 19.79 | 202  | 349679   | 9.49   | ng/ul  | 99       |
| 21) Benzo(a)anthracene      | 21.62 | 228  | 201635   | 6.26   | ng/ul  | 98       |
| 22) Chrysene                | 21.68 | 228  | 197097   | 6.56   | ng/ul  | 98       |
| 24) Benzo(b)fluoranthene    | 23.82 | 252  | 259624   | 8.26   | ng/ul  | 94       |
| 25) Benzo(k)fluoranthene    | 23.82 | 252  | 259624   | 8.65   | ng/ul# | 94       |
| 27) Benzo(a)pyrene          | 24.67 | 252  | 167022   | 5.72   | ng/ul  | 96       |
| 28) Indeno(1,2,3-cd)pyrene  | 28.44 | 276  | 128653   | 3.99   | ng/ul  | 92       |
| 30) Benzo(g,h,i)perylene    | 29.59 | 276  | 118339   | 4.29   | ng/ul  | 94       |

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

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