

Data Path : Z:\HPCHEM1\BNA\_G\DATA\BG031317\  
 Data File : BG026216.D  
 Acq On : 13 Mar 2017 17:51  
 Operator : SJ/MA  
 Sample : I2217-13  
 Misc :  
 ALS Vial : 11 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 CB2X7

Quant Time: Mar 15 17:16:25 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   | 8.05  | 152  | 73172    | 20.00  | ng/ul  | 0.00     |
| 2) Naphthalene-d8           | 10.86 | 136  | 368266   | 20.00  | ng/ul  | 0.00     |
| 6) Acenaphthene-d10         | 14.66 | 164  | 235715   | 20.00  | ng/ul  | 0.00     |
| 12) Phenanthrene-d10        | 17.39 | 188  | 568794   | 20.00  | ng/ul  | 0.00     |
| 18) Chrysene-d12            | 21.64 | 240  | 600597   | 20.00  | ng/ul  | 0.00     |
| 23) Perylene-d12            | 24.82 | 264  | 566834   | 20.00  | ng/ul  | 0.00     |
| System Monitoring Compounds |       |      |          |        |        |          |
| 3) 2,4-Dichlorophenol-d3    | 10.47 | 165  | 81358    | 14.92  | ng/uL  | 0.00     |
| 7) Acenaphthylene-d8        | 14.35 | 160  | 499442   | 24.85  | ng/ul  | 0.00     |
| 10) Fluorene-d10            | 15.64 | 176  | 371850   | 25.36  | ng/ul  | 0.00     |
| 15) Anthracene-d10          | 17.49 | 188  | 565281   | 22.36  | ng/ul  | 0.00     |
| 19) Pyrene-d10              | 19.76 | 212  | 628934   | 20.52  | ng/ul  | 0.00     |
| 26) Benzo(a)pyrene-d12      | 24.60 | 264  | 577572   | 23.63  | ng/ul  | 0.00     |
| Target Compounds            |       |      |          | Qvalue |        |          |
| 4) Naphthalene              | 10.90 | 128  | 19507    | 1.08   | ng/ul# | 94       |
| 9) Acenaphthene             | 14.72 | 153  | 17942    | 1.24   | ng/ul  | 91       |
| 11) Fluorene                | 15.70 | 166  | 20927    | 1.28   | ng/ul  | 96       |
| 14) Phenanthrene            | 17.43 | 178  | 353285   | 11.72  | ng/ul  | 99       |
| 16) Anthracene              | 17.52 | 178  | 75318    | 2.47   | ng/ul  | 99       |
| 17) Fluoranthene            | 19.43 | 202  | 563357   | 18.00  | ng/ul  | 100      |
| 20) Pyrene                  | 19.79 | 202  | 481979   | 12.60  | ng/ul  | 99       |
| 21) Benzo(a)anthracene      | 21.61 | 228  | 262217   | 7.84   | ng/ul  | 98       |
| 22) Chrysene                | 21.68 | 228  | 254032   | 8.14   | ng/ul  | 99       |
| 24) Benzo(b)fluoranthene    | 23.81 | 252  | 329978   | 10.25  | ng/ul  | 99       |
| 25) Benzo(k)fluoranthene    | 23.81 | 252  | 329978   | 10.74  | ng/ul  | 98       |
| 27) Benzo(a)pyrene          | 24.67 | 252  | 179476   | 6.00   | ng/ul  | 98       |
| 28) Indeno(1,2,3-cd)pyrene  | 28.44 | 276  | 130748   | 3.96   | ng/ul  | 94       |
| 30) Benzo(g,h,i)perylene    | 29.57 | 276  | 121106   | 4.29   | ng/ul  | 96       |

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

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