

Data Path : Z:\HPCHEM1\BNA\_G\DATA\BG031717\  
 Data File : BG026286.D  
 Acq On : 17 Mar 2017 17:20  
 Operator : SJ/MA  
 Sample : I2218-06  
 Misc :  
 ALS Vial : 11 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 CB2Y5

Manual Integrations  
 APPROVED

mohammad  
 3/20/2017 12:54:40 PM

Quant Time: Mar 17 18:36:55 2017  
 Quant Method : Z:\HPCHEM1\BNA\_G\METHODS\SOM-EPA-BG030317-PAH.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Fri Mar 17 14:43:33 2017  
 Response via : Initial Calibration

| Internal Standards          | R.T.  | QIon | Response | Conc  | Units | Dev(Min)  |
|-----------------------------|-------|------|----------|-------|-------|-----------|
| 1) 1,4-Dichlorobenzene-d4   | 8.06  | 152  | 128088   | 20.00 | ng/ul | 0.00      |
| 2) Naphthalene-d8           | 10.86 | 136  | 598678   | 20.00 | ng/ul | 0.00      |
| 6) Acenaphthene-d10         | 14.66 | 164  | 318178   | 20.00 | ng/ul | 0.00      |
| 12) Phenanthrene-d10        | 17.39 | 188  | 632082   | 20.00 | ng/ul | 0.00      |
| 18) Chrysene-d12            | 21.64 | 240  | 621459   | 20.00 | ng/ul | 0.00      |
| 23) Perylene-d12            | 24.83 | 264  | 562792   | 20.00 | ng/ul | 0.00      |
| System Monitoring Compounds |       |      |          |       |       |           |
| 3) 2,4-Dichlorophenol-d3    | 10.48 | 165  | 36986    | 4.17  | ng/uL | 0.00      |
| 7) Acenaphthylene-d8        | 14.35 | 160  | 595216   | 21.94 | ng/ul | 0.00      |
| 10) Fluorene-d10            | 15.65 | 176  | 415225   | 20.98 | ng/ul | 0.00      |
| 15) Anthracene-d10          | 17.49 | 188  | 550806   | 19.61 | ng/ul | 0.00      |
| 19) Pyrene-d10              | 19.76 | 212  | 595681   | 18.78 | ng/ul | 0.00      |
| 26) Benzo(a)pyrene-d12      | 24.61 | 264  | 522983   | 21.55 | ng/ul | 0.00      |
| Target Compounds            |       |      |          |       |       |           |
| 9) Acenaphthene             | 14.72 | 153  | 20578    | 1.05  | ng/ul | Qvalue 94 |
| 11) Fluorene                | 15.70 | 166  | 25332    | 1.15  | ng/ul | 95        |
| 14) Phenanthrene            | 17.43 | 178  | 525587   | 15.69 | ng/ul | 98        |
| 16) Anthracene              | 17.53 | 178  | 81008    | 2.39  | ng/ul | 95        |
| 17) Fluoranthene            | 19.44 | 202  | 816747   | 23.49 | ng/ul | 99        |
| 20) Pyrene                  | 19.79 | 202  | 736466   | 18.61 | ng/ul | 96        |
| 21) Benzo(a)anthracene      | 21.62 | 228  | 381453   | 11.03 | ng/ul | 99        |
| 22) Chrysene                | 21.68 | 228  | 391645   | 12.14 | ng/ul | 98        |
| 24) Benzo(b)fluoranthene    | 23.82 | 252  | 467765   | 14.64 | ng/ul | 98        |
| 25) Benzo(k)fluoranthene    | 23.87 | 252  | 162331m  | 5.32  | ng/ul |           |
| 27) Benzo(a)pyrene          | 24.68 | 252  | 271255   | 9.14  | ng/ul | 98        |
| 28) Indeno(1,2,3-cd)pyrene  | 28.46 | 276  | 151284   | 4.61  | ng/ul | 98        |
| 29) Dibenzo(a,h)anthracene  | 28.50 | 278  | 45380m   | 1.74  | ng/ul |           |
| 30) Benzo(g,h,i)perylene    | 29.59 | 276  | 106780   | 3.81  | ng/ul | 93        |

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

