

Data Path : Z:\HPCHEM1\BNA\_G\DATA\BG031717\  
 Data File : BG026316.D  
 Acq On : 18 Mar 2017 13:38  
 Operator : SJ/MA  
 Sample : I2283-19  
 Misc :  
 ALS Vial : 39 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 CB316

Manual Integrations  
 APPROVED

mohammad  
 3/20/2017 12:57:25 PM

Quant Time: Mar 20 04:00:37 2017  
 Quant Method : Z:\HPCHEM1\BNA\_G\METHODS\SOM-EPA-BG030317-PAH.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Mon Mar 20 03:22:51 2017  
 Response via : Initial Calibration

| Internal Standards          | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|-----------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4   | 8.05  | 152  | 157019   | 20.00 | ng/ul | 0.00     |
| 2) Naphthalene-d8           | 10.85 | 136  | 718841   | 20.00 | ng/ul | 0.00     |
| 6) Acenaphthene-d10         | 14.66 | 164  | 390984   | 20.00 | ng/ul | 0.00     |
| 12) Phenanthrene-d10        | 17.39 | 188  | 776917   | 20.00 | ng/ul | 0.00     |
| 18) Chrysene-d12            | 21.64 | 240  | 775776   | 20.00 | ng/ul | 0.00     |
| 23) Perylene-d12            | 24.83 | 264  | 742886   | 20.00 | ng/ul | 0.00     |
| System Monitoring Compounds |       |      |          |       |       |          |
| 3) 2,4-Dichlorophenol-d3    | 10.47 | 165  | 77656    | 7.29  | ng/uL | 0.00     |
| 7) Acenaphthylene-d8        | 14.35 | 160  | 809010   | 24.27 | ng/ul | 0.00     |
| 10) Fluorene-d10            | 15.64 | 176  | 562193   | 23.12 | ng/ul | 0.00     |
| 15) Anthracene-d10          | 17.49 | 188  | 777202   | 22.51 | ng/ul | 0.00     |
| 19) Pyrene-d10              | 19.76 | 212  | 802723   | 20.28 | ng/ul | 0.00     |
| 26) Benzo(a)pyrene-d12      | 24.61 | 264  | 733693   | 22.90 | ng/ul | 0.00     |
| Target Compounds            |       |      |          |       |       |          |
| 4) Naphthalene              | 10.90 | 128  | 45295    | 1.29  | ng/ul | 97       |
| 9) Acenaphthene             | 14.72 | 153  | 25399    | 1.06  | ng/ul | 94       |
| 11) Fluorene                | 15.70 | 166  | 32295    | 1.19  | ng/ul | 88       |
| 14) Phenanthrene            | 17.43 | 178  | 593147   | 14.41 | ng/ul | 99       |
| 16) Anthracene              | 17.52 | 178  | 120196   | 2.89  | ng/ul | 97       |
| 17) Fluoranthene            | 19.43 | 202  | 1022418  | 23.92 | ng/ul | 99       |
| 20) Pyrene                  | 19.79 | 202  | 837293   | 16.95 | ng/ul | 98       |
| 21) Benzo(a)anthracene      | 21.62 | 228  | 493398   | 11.43 | ng/ul | 98       |
| 22) Chrysene                | 21.68 | 228  | 471929   | 11.71 | ng/ul | 100      |
| 24) Benzo(b)fluoranthene    | 23.82 | 252  | 613807   | 14.55 | ng/ul | 96       |
| 25) Benzo(k)fluoranthene    | 23.88 | 252  | 237815m  | 5.90  | ng/ul |          |
| 27) Benzo(a)pyrene          | 24.67 | 252  | 392025   | 10.00 | ng/ul | 97       |
| 28) Indeno(1,2,3-cd)pyrene  | 28.45 | 276  | 212730m  | 4.92  | ng/ul |          |
| 29) Dibenzo(a,h)anthracene  | 28.49 | 278  | 60097m   | 1.75  | ng/ul |          |
| 30) Benzo(g,h,i)perylene    | 29.59 | 276  | 166868m  | 4.51  | ng/ul |          |

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

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