

Data Path : Z:\HPCHEM1\BNA G\DATA\BG031517\  
 Data File : BG026260.D  
 Acq On : 16 Mar 2017 8:07  
 Operator : SJ/MA  
 Sample : I2236-20  
 Misc :  
 ALS Vial : 27 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 DABJ6

Manual Integrations  
 APPROVED

mohammad  
 3/17/2017 1:09:01 PM

Quant Time: Mar 16 13:32:56 2017  
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.3-EPA-BG021617MA.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Thu Mar 16 04:25:12 2017  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 8.06  | 152  | 91353    | 20.00 | ng/ul | 0.00     |
| 2) Naphthalene-d8         | 10.86 | 136  | 481138   | 20.00 | ng/ul | 0.00     |
| 6) Acenaphthene-d10       | 14.66 | 164  | 261835   | 20.00 | ng/ul | 0.00     |
| 12) Phenanthrene-d10      | 17.39 | 188  | 572754   | 20.00 | ng/ul | 0.00     |
| 17) Chrysene-d12          | 21.64 | 240  | 609328   | 20.00 | ng/ul | 0.00     |
| 22) Perylene-d12          | 24.82 | 264  | 594045   | 20.00 | ng/ul | 0.00     |

| System Monitoring Compounds | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|-----------------------------|-------|------|----------|-------|-------|----------|
| 7) Acenaphthylene-d8        | 14.35 | 160  | 572865   | 26.42 | ng/ul | 0.00     |
| 10) Fluorene-d10            | 15.65 | 176  | 399472   | 23.99 | ng/ul | 0.00     |
| 14) Anthracene-d10          | 17.49 | 188  | 577058   | 22.29 | ng/ul | 0.00     |
| 18) Pyrene-d10              | 19.77 | 212  | 632172   | 21.53 | ng/ul | 0.00     |
| 25) Benzo(a)pyrene-d12      | 24.61 | 264  | 587527   | 22.35 | ng/ul | 0.00     |

| Target Compounds           | R.T.  | QIon | Response | Conc | Units  | Ovalue |
|----------------------------|-------|------|----------|------|--------|--------|
| 13) Phenanthrene           | 17.43 | 178  | 79867    | 2.61 | ng/ul  | 98     |
| 16) Fluoranthene           | 19.43 | 202  | 172346   | 5.13 | ng/ul  | 97     |
| 19) Pyrene                 | 19.79 | 202  | 149954   | 4.07 | ng/ul# | 96     |
| 20) Benzo(a)anthracene     | 21.62 | 228  | 105077   | 3.07 | ng/ul  | 96     |
| 21) Chrysene               | 21.68 | 228  | 114190   | 3.49 | ng/ul  | 95     |
| 23) Benzo(b)fluoranthene   | 23.82 | 252  | 189547   | 5.52 | ng/ul# | 95     |
| 24) Benzo(k)fluoranthene   | 23.87 | 252  | 52324m   | 1.58 | ng/ul  |        |
| 26) Benzo(a)pyrene         | 24.67 | 252  | 104632   | 3.15 | ng/ul# | 92     |
| 27) Indeno(1,2,3-cd)pyrene | 28.45 | 276  | 78990    | 2.03 | ng/ul# | 85     |
| 29) Benzo(g,h,i)perylene   | 29.60 | 276  | 59700    | 1.86 | ng/ul# | 94     |

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

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