

Data Path : Z:\HPCHEM1\BNA\_G\Data\BG031517\  
 Data File : BG026272.D  
 Acq On : 16 Mar 2017 16:35  
 Operator : SJ/MA  
 Sample : I2237-06MSD  
 Misc :  
 ALS Vial : 38 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 DABH3MSD

Quant Time: Mar 16 17:51:21 2017  
 Quant Method : Z:\HPCHEM1\BNA\_G\METHODS\SOM02.3-EPA-BG021617MA.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Thu Mar 16 14:39:29 2017  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 8.06  | 152  | 92923    | 20.00 | ng/ul | 0.00     |
| 2) Naphthalene-d8         | 10.86 | 136  | 454658   | 20.00 | ng/ul | 0.00     |
| 6) Acenaphthene-d10       | 14.66 | 164  | 236978   | 20.00 | ng/ul | 0.00     |
| 12) Phenanthrene-d10      | 17.40 | 188  | 515687   | 20.00 | ng/ul | 0.00     |
| 17) Chrysene-d12          | 21.64 | 240  | 561042   | 20.00 | ng/ul | 0.00     |
| 22) Perylene-d12          | 24.85 | 264  | 492657   | 20.00 | ng/ul | 0.03     |

| System Monitoring Compounds | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|-----------------------------|-------|------|----------|-------|-------|----------|
| 7) Acenaphthylene-d8        | 14.36 | 160  | 733052   | 37.35 | ng/ul | 0.00     |
| 10) Fluorene-d10            | 15.65 | 176  | 515482   | 34.21 | ng/ul | 0.00     |
| 14) Anthracene-d10          | 17.50 | 188  | 741407   | 31.80 | ng/ul | 0.00     |
| 18) Pyrene-d10              | 19.77 | 212  | 820280   | 30.34 | ng/ul | 0.01     |
| 25) Benzo(a)pyrene-d12      | 24.63 | 264  | 759611   | 34.84 | ng/ul | 0.02     |

| Target Compounds         | R.T.  | QIon | Response | Conc  | Units  | Qvalue |
|--------------------------|-------|------|----------|-------|--------|--------|
| 9) Acenaphthene          | 14.73 | 153  | 545112   | 37.95 | ng/ul  | 95     |
| 13) Phenanthrene         | 17.44 | 178  | 140396   | 5.10  | ng/ul  | 98     |
| 15) Anthracene           | 17.44 | 178  | 140304   | 5.02  | ng/ul  | 97     |
| 16) Fluoranthene         | 19.44 | 202  | 280700   | 9.28  | ng/ul  | 98     |
| 19) Pyrene               | 19.80 | 202  | 1314920  | 38.73 | ng/ul# | 91     |
| 20) Benzo(a)anthracene   | 21.63 | 228  | 172656   | 5.47  | ng/ul  | 96     |
| 21) Chrysene             | 21.69 | 228  | 179991   | 5.97  | ng/ul  | 95     |
| 23) Benzo(b)fluoranthene | 23.83 | 252  | 301310   | 10.59 | ng/ul# | 88     |
| 24) Benzo(k)fluoranthene | 23.83 | 252  | 301310   | 10.96 | ng/ul# | 88     |
| 26) Benzo(a)pyrene       | 24.69 | 252  | 157148   | 5.70  | ng/ul# | 93     |
| 29) Benzo(g,h,i)perylene | 29.62 | 276  | 38069    | 1.43  | ng/ul# | 80     |

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

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