

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

Manual Integrations  
 APPROVED

mohammad  
 3/17/2017 1:10:02 PM

Quant Time: Mar 16 17:54:22 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 |       |      |          |       |        |           |
| 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            |       |      |          |       |        |           |
| 9) Acenaphthene             | 14.73 | 153  | 545112   | 37.95 | ng/ul  | Ovalue 95 |
| 13) Phenanthrene            | 17.44 | 178  | 140396   | 5.10  | ng/ul  | 98        |
| 15) Anthracene              | 17.53 | 178  | 29772m   | 1.07  | ng/ul  |           |
| 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    | 23.88 | 252  | 109467m  | 3.98  | ng/ul  |           |
| 26) Benzo(a)pyrene          | 24.69 | 252  | 157148   | 5.70  | ng/ul# | 93        |
| 27) Indeno(1,2,3-cd)pyrene  | 28.49 | 276  | 83019m   | 2.57  | ng/ul  |           |
| 29) Benzo(g,h,i)perylene    | 29.62 | 276  | 64960m   | 2.44  | ng/ul  |           |

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

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