

Data Path : Z:\HPCHEM1\BNA\_G\DATA\BG022117\  
 Data File : BG025923.D  
 Acq On : 22 Feb 2017 3:12  
 Operator : SJ/MA  
 Sample : I1900-02  
 Misc :  
 ALS Vial : 26 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 DABC8

Manual Integrations  
 APPROVED

mohammad  
 2/22/2017 11:14:04 AM

Quant Time: Feb 22 04:55:02 2017  
 Quant Method : Z:\HPCHEM1\BNA\_G\METHODS\SOM02.3-EPA-BG021617MA.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Wed Feb 22 04:47:03 2017  
 Response via : Initial Calibration

| Internal Standards          | R.T.  | QIon | Response | Conc  | Units  | Dev(Min)  |
|-----------------------------|-------|------|----------|-------|--------|-----------|
| 1) 1,4-Dichlorobenzene-d4   | 8.09  | 152  | 144275   | 20.00 | ng/ul  | 0.00      |
| 2) Naphthalene-d8           | 10.89 | 136  | 691726   | 20.00 | ng/ul  | 0.00      |
| 6) Acenaphthene-d10         | 14.69 | 164  | 405021   | 20.00 | ng/ul  | 0.00      |
| 12) Phenanthrene-d10        | 17.42 | 188  | 834060   | 20.00 | ng/ul  | 0.00      |
| 17) Chrysene-d12            | 21.68 | 240  | 829330   | 20.00 | ng/ul  | 0.00      |
| 22) Perylene-d12            | 24.89 | 264  | 802897   | 20.00 | ng/ul  | 0.00      |
| System Monitoring Compounds |       |      |          |       |        |           |
| 7) Acenaphthylene-d8        | 14.38 | 160  | 859357   | 25.62 | ng/ul  | 0.00      |
| 10) Fluorene-d10            | 15.68 | 176  | 605247   | 23.50 | ng/ul  | 0.00      |
| 14) Anthracene-d10          | 17.52 | 188  | 838059   | 22.23 | ng/ul  | 0.00      |
| 18) Pyrene-d10              | 19.80 | 212  | 861296   | 21.55 | ng/ul  | 0.00      |
| 25) Benzo(a)pyrene-d12      | 24.67 | 264  | 807109   | 22.71 | ng/ul  | 0.00      |
| Target Compounds            |       |      |          |       |        |           |
| 4) 2-Methylnaphthalene      | 12.53 | 142  | 37513    | 1.40  | ng/ul  | Qvalue 96 |
| 5) 1-Methylnaphthalene      | 12.75 | 142  | 30475    | 1.16  | ng/ul# | 91        |
| 13) Phenanthrene            | 17.46 | 178  | 211240   | 4.75  | ng/ul  | 98        |
| 16) Fluoranthene            | 19.46 | 202  | 538294   | 11.01 | ng/ul  | 99        |
| 19) Pyrene                  | 19.82 | 202  | 469267   | 9.35  | ng/ul# | 94        |
| 20) Benzo(a)anthracene      | 21.65 | 228  | 309038   | 6.62  | ng/ul  | 95        |
| 21) Chrysene                | 21.72 | 228  | 343925   | 7.72  | ng/ul  | 97        |
| 23) Benzo(b)fluoranthene    | 23.87 | 252  | 577052   | 12.44 | ng/ul# | 95        |
| 24) Benzo(k)fluoranthene    | 23.93 | 252  | 172782m  | 3.86  | ng/ul  |           |
| 26) Benzo(a)pyrene          | 24.74 | 252  | 330301   | 7.36  | ng/ul# | 93        |
| 27) Indeno(1,2,3-cd)pyrene  | 28.54 | 276  | 253746m  | 4.83  | ng/ul  |           |
| 28) Dibenzo(a,h)anthracene  | 28.59 | 278  | 73105m   | 1.68  | ng/ul  |           |
| 29) Benzo(g,h,i)perylene    | 29.69 | 276  | 212064   | 4.89  | ng/ul# | 91        |

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

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