

Data Path : Z:\HPCHEM1\BNA G\DATA\BG022117\  
 Data File : BG025927.D  
 Acq On : 22 Feb 2017 5:50  
 Operator : SJ/MA  
 Sample : I1900-11  
 Misc :  
 ALS Vial : 30 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 DABD7

Manual Integrations  
 APPROVED

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

Quant Time: Feb 22 06:29:42 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  | 132251   | 20.00 | ng/ul | 0.00     |
| 2) Naphthalene-d8         | 10.89 | 136  | 640187   | 20.00 | ng/ul | 0.00     |
| 6) Acenaphthene-d10       | 14.69 | 164  | 372963   | 20.00 | ng/ul | 0.00     |
| 12) Phenanthrene-d10      | 17.42 | 188  | 781663   | 20.00 | ng/ul | 0.00     |
| 17) Chrysene-d12          | 21.67 | 240  | 776935   | 20.00 | ng/ul | 0.00     |
| 22) Perylene-d12          | 24.89 | 264  | 754994   | 20.00 | ng/ul | 0.00     |

| System Monitoring Compounds | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|-----------------------------|-------|------|----------|-------|-------|----------|
| 7) Acenaphthylene-d8        | 14.39 | 160  | 618083   | 20.01 | ng/ul | 0.00     |
| 10) Fluorene-d10            | 15.67 | 176  | 445638   | 18.79 | ng/ul | 0.00     |
| 14) Anthracene-d10          | 17.52 | 188  | 622054   | 17.60 | ng/ul | 0.00     |
| 18) Pyrene-d10              | 19.79 | 212  | 640226   | 17.10 | ng/ul | 0.00     |
| 25) Benzo(a)pyrene-d12      | 24.66 | 264  | 600941   | 17.99 | ng/ul | 0.00     |

| Target Compounds           | R.T.  | QIon | Response | Conc | Units  | Ovalue |
|----------------------------|-------|------|----------|------|--------|--------|
| 13) Phenanthrene           | 17.46 | 178  | 88279    | 2.12 | ng/ul  | 97     |
| 16) Fluoranthene           | 19.46 | 202  | 218073   | 4.76 | ng/ul  | 98     |
| 19) Pyrene                 | 19.82 | 202  | 181546   | 3.86 | ng/ul# | 97     |
| 20) Benzo(a)anthracene     | 21.65 | 228  | 116776   | 2.67 | ng/ul  | 93     |
| 21) Chrysene               | 21.72 | 228  | 125156m  | 3.00 | ng/ul  |        |
| 23) Benzo(b)fluoranthene   | 23.87 | 252  | 185955   | 4.26 | ng/ul# | 94     |
| 24) Benzo(k)fluoranthene   | 23.93 | 252  | 63617    | 1.51 | ng/ul# | 85     |
| 26) Benzo(a)pyrene         | 24.73 | 252  | 115914   | 2.75 | ng/ul# | 92     |
| 27) Indeno(1,2,3-cd)pyrene | 28.55 | 276  | 78171    | 1.58 | ng/ul# | 85     |
| 29) Benzo(g,h,i)perylene   | 29.69 | 276  | 78900m   | 1.93 | ng/ul  |        |

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

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