

Data Path : Z:\HPCHEM1\BNA\_G\DATA\BG052617\  
 Data File : BG027135.D  
 Acq On : 24 May 2017 19:31  
 Operator : SJ/MA  
 Sample : I3277-12  
 Misc :  
 ALS Vial : 5 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 DAC98

Manual Integrations  
 APPROVED

mohammad  
 5/26/2017 11:55:12 AM

Quant Time: Jun 01 12:54:00 2017  
 Quant Method : Z:\HPCHEM1\BNA\_G\METHODS\SOM-EPA-BG051817MA.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Thu May 25 04:52:31 2017  
 Response via : Initial Calibration

| Internal Standards          | R.T.  | QIon | Response | Conc  | Units  | Dev(Min)  |
|-----------------------------|-------|------|----------|-------|--------|-----------|
| 1) 1,4-Dichlorobenzene-d4   | 8.00  | 152  | 167663   | 20.00 | ng/ul  | 0.00      |
| 2) Naphthalene-d8           | 10.81 | 136  | 826359   | 20.00 | ng/ul  | 0.00      |
| 6) Acenaphthene-d10         | 14.62 | 164  | 432124   | 20.00 | ng/ul  | 0.00      |
| 12) Phenanthrene-d10        | 17.35 | 188  | 790574   | 20.00 | ng/ul  | 0.00      |
| 17) Chrysene-d12            | 21.60 | 240  | 709281   | 20.00 | ng/ul  | 0.00      |
| 22) Perylene-d12            | 24.77 | 264  | 617153   | 20.00 | ng/ul  | 0.00      |
| System Monitoring Compounds |       |      |          |       |        |           |
| 7) Acenaphthylene-d8        | 14.31 | 160  | 1024117  | 23.11 | ng/ul  | 0.00      |
| 10) Fluorene-d10            | 15.61 | 176  | 645175   | 21.82 | ng/ul  | 0.00      |
| 14) Anthracene-d10          | 17.45 | 188  | 851398m  | 22.09 | ng/ul  | 0.00      |
| 18) Pyrene-d10              | 19.73 | 212  | 856190   | 23.12 | ng/ul  | 0.00      |
| 25) Benzo(a)pyrene-d12      | 24.55 | 264  | 712469   | 23.23 | ng/ul  | 0.00      |
| Target Compounds            |       |      |          |       |        |           |
| 13) Phenanthrene            | 17.40 | 178  | 83780    | 1.90  | ng/ul  | Qvalue 99 |
| 16) Fluoranthene            | 19.40 | 202  | 169114   | 3.74  | ng/ul# | 91        |
| 19) Pyrene                  | 19.76 | 202  | 151235   | 3.26  | ng/ul# | 86        |
| 20) Benzo(a)anthracene      | 21.58 | 228  | 77313    | 1.81  | ng/ul  | 97        |
| 21) Chrysene                | 21.65 | 228  | 76022m   | 1.94  | ng/ul  |           |
| 23) Benzo(b)fluoranthene    | 23.77 | 252  | 101021   | 2.75  | ng/ul# | 92        |
| 26) Benzo(a)pyrene          | 24.62 | 252  | 62660    | 1.75  | ng/ul# | 92        |
| 27) Indeno(1,2,3-cd)pyrene  | 28.39 | 276  | 36133m   | 1.09  | ng/ul  |           |

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

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