

Data Path : Z:\HPCHEM1\BNA\_G\DATA\BG052617\  
 Data File : BG027151.D  
 Acq On : 25 May 2017 5:58  
 Operator : SJ/MA  
 Sample : I3277-01  
 Misc :  
 ALS Vial : 20 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 DAC77

Manual Integrations  
 APPROVED

mohammad  
 5/26/2017 11:55:40 AM

Quant Time: May 25 06:45:50 2017  
 Quant Method : Z:\HPCHEM1\BNA\_G\METHODS\SOM-EPA-BG051817MA.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Thu May 25 06:05:48 2017  
 Response via : Initial Calibration

| Internal Standards          | R.T.  | QIon | Response | Conc  | Units  | Dev(Min)  |
|-----------------------------|-------|------|----------|-------|--------|-----------|
| 1) 1,4-Dichlorobenzene-d4   | 8.01  | 152  | 178771   | 20.00 | ng/ul  | 0.00      |
| 2) Naphthalene-d8           | 10.80 | 136  | 845610   | 20.00 | ng/ul  | 0.00      |
| 6) Acenaphthene-d10         | 14.62 | 164  | 424789   | 20.00 | ng/ul  | 0.00      |
| 12) Phenanthrene-d10        | 17.36 | 188  | 772461   | 20.00 | ng/ul  | 0.00      |
| 17) Chrysene-d12            | 21.61 | 240  | 696878   | 20.00 | ng/ul  | 0.00      |
| 22) Perylene-d12            | 24.79 | 264  | 588202   | 20.00 | ng/ul  | 0.00      |
| System Monitoring Compounds |       |      |          |       |        |           |
| 7) Acenaphthylene-d8        | 14.32 | 160  | 971471   | 22.30 | ng/ul  | 0.00      |
| 10) Fluorene-d10            | 15.61 | 176  | 614760   | 21.15 | ng/ul  | 0.00      |
| 14) Anthracene-d10          | 17.45 | 188  | 829397m  | 22.02 | ng/ul  | 0.00      |
| 18) Pyrene-d10              | 19.74 | 212  | 813684   | 22.36 | ng/ul  | 0.00      |
| 25) Benzo(a)pyrene-d12      | 24.56 | 264  | 680464   | 23.28 | ng/ul  | 0.00      |
| Target Compounds            |       |      |          |       |        |           |
| 13) Phenanthrene            | 17.40 | 178  | 62673    | 1.45  | ng/ul  | Qvalue 97 |
| 16) Fluoranthene            | 19.40 | 202  | 120427   | 2.73  | ng/ul# | 93        |
| 19) Pyrene                  | 19.77 | 202  | 104466   | 2.29  | ng/ul# | 89        |
| 20) Benzo(a)anthracene      | 21.59 | 228  | 59741    | 1.42  | ng/ul# | 93        |
| 21) Chrysene                | 21.65 | 228  | 76058    | 1.97  | ng/ul# | 93        |
| 23) Benzo(b)fluoranthene    | 23.78 | 252  | 83135    | 2.38  | ng/ul# | 85        |
| 26) Benzo(a)pyrene          | 24.63 | 252  | 45611    | 1.33  | ng/ul# | 84        |

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

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