

Data Path : Z:\HPCHEM1\BNA\_G\DATA\BG031717\  
 Data File : BG026300.D  
 Acq On : 18 Mar 2017 3:09  
 Operator : SJ/MA  
 Sample : I2283-02  
 Misc :  
 ALS Vial : 24 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 CB301

Manual Integrations  
 APPROVED

mohammad  
 3/20/2017 12:55:12 PM

Quant Time: Mar 18 05:43:48 2017  
 Quant Method : Z:\HPCHEM1\BNA\_G\METHODS\SOM-EPA-BG030317-PAH.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Sat Mar 18 00:29:44 2017  
 Response via : Initial Calibration

| Internal Standards          | R.T.  | QIon | Response | Conc   | Units  | Dev(Min) |
|-----------------------------|-------|------|----------|--------|--------|----------|
| 1) 1,4-Dichlorobenzene-d4   | 8.05  | 152  | 160458   | 20.00  | ng/ul  | 0.00     |
| 2) Naphthalene-d8           | 10.86 | 136  | 754244   | 20.00  | ng/ul  | 0.00     |
| 6) Acenaphthene-d10         | 14.66 | 164  | 408998   | 20.00  | ng/ul  | 0.00     |
| 12) Phenanthrene-d10        | 17.39 | 188  | 802456   | 20.00  | ng/ul  | 0.00     |
| 18) Chrysene-d12            | 21.64 | 240  | 790970   | 20.00  | ng/ul  | 0.00     |
| 23) Perylene-d12            | 24.82 | 264  | 752559   | 20.00  | ng/ul  | 0.00     |
| System Monitoring Compounds |       |      |          |        |        |          |
| 3) 2,4-Dichlorophenol-d3    | 10.49 | 165  | 11047m   | 0.99   | ng/uL  | 0.00     |
| 7) Acenaphthylene-d8        | 14.35 | 160  | 813031   | 23.31  | ng/ul  | 0.00     |
| 10) Fluorene-d10            | 15.64 | 176  | 638950   | 25.12  | ng/ul  | 0.00     |
| 15) Anthracene-d10          | 17.49 | 188  | 861593   | 24.16  | ng/ul  | 0.00     |
| 19) Pyrene-d10              | 19.76 | 212  | 893037   | 22.13  | ng/ul  | 0.00     |
| 26) Benzo(a)pyrene-d12      | 24.60 | 264  | 531846   | 16.39  | ng/ul  | 0.00     |
| Target Compounds            |       |      |          | Qvalue |        |          |
| 14) Phenanthrene            | 17.44 | 178  | 54007    | 1.27   | ng/ul  | 95       |
| 17) Fluoranthene            | 19.43 | 202  | 114576   | 2.60   | ng/ul# | 95       |
| 20) Pyrene                  | 19.79 | 202  | 98262    | 1.95   | ng/ul  | 99       |
| 21) Benzo(a)anthracene      | 21.61 | 228  | 55683    | 1.26   | ng/ul  | 96       |
| 22) Chrysene                | 21.68 | 228  | 56200    | 1.37   | ng/ul  | 97       |
| 24) Benzo(b)fluoranthene    | 23.82 | 252  | 73849    | 1.73   | ng/ul  | 98       |

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

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