

Data Path : Z:\HPCHEM1\BNA\_G\DATA\BG031717\  
 Data File : BG026310.D  
 Acq On : 18 Mar 2017 9:43  
 Operator : SJ/MA  
 Sample : I2283-11  
 Misc :  
 ALS Vial : 33 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 CB310

Manual Integrations  
 APPROVED

mohammad  
 3/20/2017 12:55:40 PM

Quant Time: Mar 20 03:41:25 2017  
 Quant Method : Z:\HPCHEM1\BNA\_G\METHODS\SOM-EPA-BG030317-PAH.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Mon Mar 20 03:22:51 2017  
 Response via : Initial Calibration

| Internal Standards          | R.T.  | QIon | Response | Conc  | Units  | Dev(Min)  |
|-----------------------------|-------|------|----------|-------|--------|-----------|
| 1) 1,4-Dichlorobenzene-d4   | 8.05  | 152  | 170074   | 20.00 | ng/ul  | 0.00      |
| 2) Naphthalene-d8           | 10.86 | 136  | 780082   | 20.00 | ng/ul  | 0.00      |
| 6) Acenaphthene-d10         | 14.66 | 164  | 421417   | 20.00 | ng/ul  | 0.00      |
| 12) Phenanthrene-d10        | 17.39 | 188  | 852426   | 20.00 | ng/ul  | 0.00      |
| 18) Chrysene-d12            | 21.64 | 240  | 851093   | 20.00 | ng/ul  | 0.00      |
| 23) Perylene-d12            | 24.83 | 264  | 817776   | 20.00 | ng/ul  | 0.00      |
| System Monitoring Compounds |       |      |          |       |        |           |
| 3) 2,4-Dichlorophenol-d3    | 10.47 | 165  | 119001   | 10.30 | ng/uL  | 0.00      |
| 7) Acenaphthylene-d8        | 14.35 | 160  | 856117   | 23.83 | ng/ul  | 0.00      |
| 10) Fluorene-d10            | 15.64 | 176  | 595280   | 22.71 | ng/ul  | 0.00      |
| 15) Anthracene-d10          | 17.49 | 188  | 828443   | 21.87 | ng/ul  | 0.00      |
| 19) Pyrene-d10              | 19.77 | 212  | 828080   | 19.07 | ng/ul  | 0.00      |
| 26) Benzo(a)pyrene-d12      | 24.61 | 264  | 762314   | 21.61 | ng/ul  | 0.00      |
| Target Compounds            |       |      |          |       |        |           |
| 4) Naphthalene              | 10.90 | 128  | 161302   | 4.23  | ng/ul  | Qvalue 97 |
| 5) 2-Methylnaphthalene      | 12.50 | 142  | 87850    | 3.10  | ng/ul  | 98        |
| 8) Acenaphthylene           | 14.39 | 152  | 39401m   | 1.07  | ng/ul  |           |
| 9) Acenaphthene             | 14.72 | 153  | 296436   | 11.43 | ng/ul  | 95        |
| 11) Fluorene                | 15.70 | 166  | 319779   | 10.92 | ng/ul  | 100       |
| 14) Phenanthrene            | 17.44 | 178  | 3518043m | 77.88 | ng/ul  |           |
| 16) Anthracene              | 17.52 | 178  | 830559   | 18.20 | ng/ul  | 98        |
| 17) Fluoranthene            | 19.44 | 202  | 3835846m | 81.79 | ng/ul  |           |
| 20) Pyrene                  | 19.80 | 202  | 3643045  | 67.23 | ng/ul# | 87        |
| 21) Benzo(a)anthracene      | 21.63 | 228  | 2132631  | 45.02 | ng/ul  | 92        |
| 22) Chrysene                | 21.69 | 228  | 2095157  | 47.40 | ng/ul  | 97        |
| 24) Benzo(b)fluoranthene    | 23.83 | 252  | 2518967  | 54.25 | ng/ul  | 98        |
| 25) Benzo(k)fluoranthene    | 23.88 | 252  | 869504m  | 19.61 | ng/ul  |           |
| 27) Benzo(a)pyrene          | 24.69 | 252  | 1630949  | 37.80 | ng/ul  | 97        |
| 28) Indeno(1,2,3-cd)pyrene  | 28.46 | 276  | 880141   | 18.48 | ng/ul  | 98        |
| 29) Dibenzo(a,h)anthracene  | 28.50 | 278  | 233891m  | 6.19  | ng/ul  |           |
| 30) Benzo(g,h,i)perylene    | 29.60 | 276  | 682662m  | 16.74 | ng/ul  |           |

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

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