

Data Path : Z:\HPCHEM1\BNA\_G\DATA\BG030817\  
 Data File : BG026136.D  
 Acq On : 9 Mar 2017 6:08  
 Operator : SJ/MA  
 Sample : I2062-17  
 Misc :  
 ALS Vial : 28 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 C0AK3

Manual Integrations  
 APPROVED

mohammad  
 3/15/2017 5:08:18 PM

Quant Time: Mar 15 16:47:13 2017  
 Quant Method : Z:\HPCHEM1\BNA\_G\METHODS\SOM-EPA-BG030317-PAH.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Wed Mar 15 16:21:45 2017  
 Response via : Initial Calibration

| Internal Standards          | R.T.  | QIon | Response | Conc  | Units  | Dev(Min)  |
|-----------------------------|-------|------|----------|-------|--------|-----------|
| 1) 1,4-Dichlorobenzene-d4   | 8.07  | 152  | 126430   | 20.00 | ng/ul  | 0.00      |
| 2) Naphthalene-d8           | 10.86 | 136  | 546255   | 20.00 | ng/ul  | 0.00      |
| 6) Acenaphthene-d10         | 14.67 | 164  | 309688   | 20.00 | ng/ul  | 0.00      |
| 12) Phenanthrene-d10        | 17.40 | 188  | 746918   | 20.00 | ng/ul  | 0.00      |
| 18) Chrysene-d12            | 21.65 | 240  | 871437   | 20.00 | ng/ul  | 0.00      |
| 23) Perylene-d12            | 24.84 | 264  | 852245   | 20.00 | ng/ul  | 0.00      |
| System Monitoring Compounds |       |      |          |       |        |           |
| 3) 2,4-Dichlorophenol-d3    | 10.48 | 165  | 176381   | 21.80 | ng/uL  | 0.00      |
| 7) Acenaphthylene-d8        | 14.36 | 160  | 752547   | 28.50 | ng/ul  | 0.00      |
| 10) Fluorene-d10            | 15.65 | 176  | 557736   | 28.96 | ng/ul  | 0.00      |
| 15) Anthracene-d10          | 17.49 | 188  | 851405   | 25.65 | ng/ul  | 0.00      |
| 19) Pyrene-d10              | 19.77 | 212  | 1028250  | 23.12 | ng/ul  | 0.00      |
| 26) Benzo(a)pyrene-d12      | 24.62 | 264  | 1004778  | 27.34 | ng/ul  | 0.00      |
| Target Compounds            |       |      |          |       |        |           |
| 17) Fluoranthene            | 19.44 | 202  | 91220    | 2.22  | ng/ul  | Qvalue 98 |
| 20) Pyrene                  | 19.80 | 202  | 88222    | 1.59  | ng/ul# | 95        |
| 21) Benzo(a)anthracene      | 21.63 | 228  | 72776    | 1.50  | ng/ul  | 95        |
| 22) Chrysene                | 21.69 | 228  | 85247    | 1.88  | ng/ul  | 93        |
| 24) Benzo(b)fluoranthene    | 23.82 | 252  | 131066   | 2.71  | ng/ul  | 96        |
| 27) Benzo(a)pyrene          | 24.69 | 252  | 86305    | 1.92  | ng/ul  | 97        |
| 28) Indeno(1,2,3-cd)pyrene  | 28.45 | 276  | 64854m   | 1.31  | ng/ul  |           |
| 30) Benzo(g,h,i)perylene    | 29.59 | 276  | 59576m   | 1.40  | ng/ul  |           |

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

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