

Data Path : Z:\HPCHEM1\BNA\_G\DATA\BG030317\  
 Data File : BG026058.D  
 Acq On : 3 Mar 2017 11:06  
 Operator : SJ/MA  
 Sample : SSTD01030  
 Misc :  
 ALS Vial : 3 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 SSTD01030

Manual Integrations  
 APPROVED

mohammad  
 3/15/2017 3:09:23 PM

Quant Time: Mar 15 14:02:51 2017  
 Quant Method : Z:\HPCHEM1\BNA\_G\METHODS\SOM-EPA-BG030317-PAH.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Wed Mar 15 13:58:04 2017  
 Response via : Initial Calibration

| Internal Standards          | R.T.  | QIon | Response | Conc   | Units | Dev(Min) |
|-----------------------------|-------|------|----------|--------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4   | 8.07  | 152  | 125875   | 20.00  | ng/ul | 0.00     |
| 2) Naphthalene-d8           | 10.87 | 136  | 532837   | 20.00  | ng/ul | 0.00     |
| 6) Acenaphthene-d10         | 14.67 | 164  | 346553   | 20.00  | ng/ul | 0.00     |
| 12) Phenanthrene-d10        | 17.40 | 188  | 683637   | 20.00  | ng/ul | 0.00     |
| 18) Chrysene-d12            | 21.65 | 240  | 639138   | 20.00  | ng/ul | 0.00     |
| 23) Perylene-d12            | 24.84 | 264  | 624920   | 20.00  | ng/ul | 0.00     |
| System Monitoring Compounds |       |      |          |        |       |          |
| 3) 2,4-Dichlorophenol-d3    | 10.49 | 165  | 77978    | 9.91   | ng/uL | 0.00     |
| 7) Acenaphthylene-d8        | 14.37 | 160  | 285747   | 10.02  | ng/ul | 0.00     |
| 10) Fluorene-d10            | 15.66 | 176  | 208983   | 10.00  | ng/ul | 0.00     |
| 15) Anthracene-d10          | 17.50 | 188  | 313501   | 10.67  | ng/ul | 0.00     |
| 19) Pyrene-d10              | 19.77 | 212  | 345593   | 11.09  | ng/ul | 0.00     |
| 26) Benzo(a)pyrene-d12      | 24.62 | 264  | 265258   | 9.95   | ng/ul | 0.00     |
| Target Compounds            |       |      |          | Qvalue |       |          |
| 4) Naphthalene              | 10.92 | 128  | 264273   | 10.45  | ng/ul | 100      |
| 5) 2-Methylnaphthalene      | 12.52 | 142  | 193104   | 10.24  | ng/ul | 99       |
| 8) Acenaphthylene           | 14.40 | 152  | 296015   | 10.25  | ng/ul | 98       |
| 9) Acenaphthene             | 14.74 | 153  | 207488   | 10.04  | ng/ul | 99       |
| 11) Fluorene                | 15.71 | 166  | 239870   | 10.38  | ng/ul | 99       |
| 13) Pentachlorophenol       | 17.05 | 266  | 36698    | 8.79   | ng/uL | 91       |
| 14) Phenanthrene            | 17.45 | 178  | 384969   | 11.10  | ng/ul | 98       |
| 16) Anthracene              | 17.53 | 178  | 383476   | 11.01  | ng/ul | 99       |
| 17) Fluoranthene            | 19.44 | 202  | 422963   | 11.02  | ng/ul | 98       |
| 20) Pyrene                  | 19.80 | 202  | 437574   | 11.45  | ng/ul | 99       |
| 21) Benzo(a)anthracene      | 21.63 | 228  | 363864   | 10.60  | ng/ul | 97       |
| 22) Chrysene                | 21.69 | 228  | 334332   | 10.44  | ng/ul | 98       |
| 24) Benzo(b)fluoranthene    | 23.83 | 252  | 348163   | 10.00  | ng/ul | 99       |
| 25) Benzo(k)fluoranthene    | 23.90 | 252  | 331563   | 10.08  | ng/ul | 100      |
| 27) Benzo(a)pyrene          | 24.69 | 252  | 321166   | 9.95   | ng/ul | 99       |
| 28) Indeno(1,2,3-cd)pyrene  | 28.48 | 276  | 356687   | 10.02  | ng/ul | 96       |
| 29) Dibenzo(a,h)anthracene  | 28.53 | 278  | 281919   | 9.83   | ng/ul | 95       |
| 30) Benzo(g,h,i)perylene    | 29.61 | 276  | 305697m  | 11.61  | ng/ul |          |

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

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