

Data Path : Z:\HPCHEM1\BNA G\DATA\BG111717\  
 Data File : BG031110.D  
 Acq On : 18 Nov 2017 8:34  
 Operator : SJ/JU  
 Sample : SSTDCCC020  
 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 SSTD02066

Quant Time: Nov 20 00:56:13 2017  
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM-EPA-BG111617-PAH.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Sat Nov 18 01:20:34 2017  
 Response via : Initial Calibration

| Internal Standards          | R.T.  | QIon | Response | Conc   | Units  | Dev(Min) |
|-----------------------------|-------|------|----------|--------|--------|----------|
| 1) 1,4-Dichlorobenzene-d4   | 8.14  | 152  | 38213    | 20.00  | ng/ul  | 0.00     |
| 2) Naphthalene-d8           | 10.95 | 136  | 176022   | 20.00  | ng/ul  | 0.00     |
| 6) Acenaphthene-d10         | 14.76 | 164  | 130244   | 20.00  | ng/ul  | 0.00     |
| 12) Phenanthrene-d10        | 17.50 | 188  | 359179   | 20.00  | ng/ul  | 0.00     |
| 18) Chrysene-d12            | 21.77 | 240  | 392855   | 20.00  | ng/ul  | 0.00     |
| 23) Perylene-d12            | 25.08 | 264  | 387889   | 20.00  | ng/ul  | 0.00     |
| System Monitoring Compounds |       |      |          |        |        |          |
| 3) 2,4-Dichlorophenol-d3    | 10.58 | 165  | 64535    | 19.43  | ng/uL  | 0.00     |
| 7) Acenaphthylene-d8        | 14.45 | 160  | 279690   | 20.65  | ng/ul  | 0.00     |
| 10) Fluorene-d10            | 15.75 | 176  | 218150   | 20.05  | ng/ul  | 0.00     |
| 15) Anthracene-d10          | 17.60 | 188  | 361627   | 20.11  | ng/ul  | 0.00     |
| 19) Pyrene-d10              | 19.87 | 212  | 422629   | 23.55  | ng/ul  | 0.00     |
| 26) Benzo(a)pyrene-d12      | 24.85 | 264  | 379443   | 19.77  | ng/ul  | 0.00     |
| Target Compounds            |       |      |          | Qvalue |        |          |
| 4) Naphthalene              | 11.00 | 128  | 171885   | 20.400 | ng/ul  | 100      |
| 5) 2-Methylnaphthalene      | 12.60 | 142  | 137447   | 19.768 | ng/ul  | 99       |
| 8) Acenaphthylene           | 14.48 | 152  | 249956   | 21.070 | ng/ul  | 98       |
| 9) Acenaphthene             | 14.82 | 153  | 176892   | 20.665 | ng/ul  | 99       |
| 11) Fluorene                | 15.80 | 166  | 215076   | 19.836 | ng/ul  | 99       |
| 13) Pentachlorophenol       | 17.16 | 266  | 37406    | 17.852 | ng/uL  | 95       |
| 14) Phenanthrene            | 17.54 | 178  | 380263   | 19.727 | ng/ul  | 99       |
| 16) Anthracene              | 17.63 | 178  | 391570   | 20.006 | ng/ul  | 98       |
| 17) Fluoranthene            | 19.54 | 202  | 494070   | 18.419 | ng/ul# | 89       |
| 20) Pyrene                  | 19.90 | 202  | 487708   | 23.391 | ng/ul# | 87       |
| 21) Benzo(a)anthracene      | 21.75 | 228  | 501775   | 20.964 | ng/ul  | 100      |
| 22) Chrysene                | 21.82 | 228  | 469351   | 20.617 | ng/ul  | 98       |
| 24) Benzo(b)fluoranthene    | 24.02 | 252  | 482551   | 20.590 | ng/ul# | 95       |
| 25) Benzo(k)fluoranthene    | 24.09 | 252  | 464312   | 20.112 | ng/ul# | 95       |
| 27) Benzo(a)pyrene          | 24.92 | 252  | 459493   | 20.456 | ng/ul# | 95       |
| 28) Indeno(1,2,3-cd)pyrene  | 28.86 | 276  | 521756   | 20.378 | ng/ul# | 92       |
| 29) Dibenzo(a,h)anthracene  | 28.91 | 278  | 433725   | 20.458 | ng/ul# | 91       |
| 30) Benzo(g,h,i)perylene    | 30.04 | 276  | 429656   | 20.154 | ng/ul# | 89       |

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

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