

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG081920\  
 Data File : BG046429.D  
 Acq On : 22 Aug 2020 1:28  
 Operator : CG/JU  
 Sample : SSTDC0020  
 Misc :  
 ALS Vial : 93 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 SSTD02049

Quant Time: Aug 22 02:26:50 2020  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_G\METHODS\SOM-EPA-BG081320PAH.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Sat Aug 22 00:58:34 2020  
 Response via : Initial Calibration

| Internal Standards          | R.T.  | QIon | Response | Conc   | Units | Dev(Min) |
|-----------------------------|-------|------|----------|--------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4   | 7.94  | 152  | 86998    | 20.00  | ng/ul | 0.00     |
| 2) Naphthalene-d8           | 10.74 | 136  | 358973   | 20.00  | ng/ul | 0.00     |
| 6) Acenaphthene-d10         | 14.57 | 164  | 232585   | 20.00  | ng/ul | 0.00     |
| 12) Phenanthrene-d10        | 17.31 | 188  | 519430   | 20.00  | ng/ul | 0.00     |
| 18) Chrysene-d12            | 21.56 | 240  | 514711   | 20.00  | ng/ul | 0.00     |
| 23) Perylene-d12            | 24.68 | 264  | 512738   | 20.00  | ng/ul | 0.00     |
| System Monitoring Compounds |       |      |          |        |       |          |
| 3) 2,4-Dichlorophenol-d3    | 10.36 | 165  | 125934   | 20.37  | ng/ul | 0.00     |
| 7) Acenaphthylene-d8        | 14.26 | 160  | 423327   | 19.78  | ng/ul | 0.00     |
| 10) Fluorene-d10            | 15.56 | 176  | 320391   | 19.53  | ng/ul | 0.00     |
| 15) Anthracene-d10          | 17.41 | 188  | 465443   | 19.33  | ng/ul | 0.00     |
| 19) Pyrene-d10              | 19.70 | 212  | 528339   | 19.94  | ng/ul | 0.00     |
| 26) Benzo(a)pyrene-d12      | 24.46 | 264  | 562220   | 20.09  | ng/ul | 0.00     |
| Target Compounds            |       |      |          | Qvalue |       |          |
| 4) Naphthalene              | 10.79 | 128  | 364541   | 19.523 | ng/ul | 100      |
| 5) 2-Methylnaphthalene      | 12.40 | 142  | 281716   | 19.791 | ng/ul | 99       |
| 8) Acenaphthylene           | 14.29 | 152  | 434354   | 19.959 | ng/ul | 99       |
| 9) Acenaphthene             | 14.63 | 153  | 303437   | 19.526 | ng/ul | 99       |
| 11) Fluorene                | 15.62 | 166  | 351231   | 19.330 | ng/ul | 99       |
| 13) Pentachlorophenol       | 16.97 | 266  | 73990    | 17.223 | ng/ul | 98       |
| 14) Phenanthrene            | 17.35 | 178  | 555037   | 19.423 | ng/ul | 100      |
| 16) Anthracene              | 17.45 | 178  | 562032   | 19.493 | ng/ul | 99       |
| 17) Fluoranthene            | 19.36 | 202  | 670730   | 21.050 | ng/ul | 99       |
| 20) Pyrene                  | 19.73 | 202  | 670511   | 19.846 | ng/ul | 98       |
| 21) Benzo(a)anthracene      | 21.54 | 228  | 663283   | 19.806 | ng/ul | 100      |
| 22) Chrysene                | 21.61 | 228  | 640815   | 19.794 | ng/ul | 100      |
| 24) Benzo(b)fluoranthene    | 23.69 | 252  | 689688   | 20.341 | ng/ul | 98       |
| 25) Benzo(k)fluoranthene    | 23.75 | 252  | 673971   | 20.038 | ng/ul | 99       |
| 27) Benzo(a)pyrene          | 24.53 | 252  | 597611   | 19.198 | ng/ul | 100      |
| 28) Indeno(1,2,3-cd)pyrene  | 28.20 | 276  | 627234   | 16.093 | ng/ul | 98       |
| 29) Dibenzo(a,h)anthracene  | 28.25 | 278  | 553512   | 17.515 | ng/ul | 98       |
| 30) Benzo(g,h,i)perylene    | 29.29 | 276  | 471797   | 14.464 | ng/ul | 98       |

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

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