

Data Path : Z:\HPCHEM1\BNA\_G\Data\BG031317\  
 Data File : BG026209.D  
 Acq On : 13 Mar 2017 11:53  
 Operator : SJ/MA  
 Sample : SSTDC0020  
 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 SSTD02023

Quant Time: Mar 15 17:15:18 2017  
 Quant Method : Z:\HPCHEM1\BNA\_G\METHODS\SOM-EPA-BG030317-PAH.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Wed Mar 15 17:14:17 2017  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 8.05  | 152  | 74738    | 20.00 | ng/ul | 0.00     |
| 2) Naphthalene-d8         | 10.86 | 136  | 381827   | 20.00 | ng/ul | 0.00     |
| 6) Acenaphthene-d10       | 14.66 | 164  | 247500   | 20.00 | ng/ul | 0.00     |
| 12) Phenanthrene-d10      | 17.39 | 188  | 618225   | 20.00 | ng/ul | 0.00     |
| 18) Chrysene-d12          | 21.64 | 240  | 632173   | 20.00 | ng/ul | 0.00     |
| 23) Perylene-d12          | 24.82 | 264  | 594332   | 20.00 | ng/ul | 0.00     |

|                             |       |     |        |       |       |      |
|-----------------------------|-------|-----|--------|-------|-------|------|
| System Monitoring Compounds |       |     |        |       |       |      |
| 3) 2,4-Dichlorophenol-d3    | 10.47 | 165 | 97191  | 17.18 | ng/uL | 0.00 |
| 7) Acenaphthylene-d8        | 14.36 | 160 | 495422 | 23.48 | ng/ul | 0.00 |
| 10) Fluorene-d10            | 15.64 | 176 | 365170 | 23.72 | ng/ul | 0.00 |
| 15) Anthracene-d10          | 17.49 | 188 | 562358 | 20.47 | ng/ul | 0.00 |
| 19) Pyrene-d10              | 19.76 | 212 | 594065 | 18.42 | ng/ul | 0.00 |
| 26) Benzo(a)pyrene-d12      | 24.60 | 264 | 532508 | 20.77 | ng/ul | 0.00 |

|                            |       |     |        |        |       |     |
|----------------------------|-------|-----|--------|--------|-------|-----|
| Target Compounds           |       |     |        | Qvalue |       |     |
| 4) Naphthalene             | 10.90 | 128 | 373244 | 19.98  | ng/ul | 99  |
| 5) 2-Methylnaphthalene     | 12.50 | 142 | 297804 | 21.49  | ng/ul | 100 |
| 8) Acenaphthylene          | 14.39 | 152 | 498700 | 23.14  | ng/ul | 97  |
| 9) Acenaphthene            | 14.72 | 153 | 351907 | 23.10  | ng/ul | 97  |
| 11) Fluorene               | 15.70 | 166 | 410599 | 23.88  | ng/ul | 100 |
| 13) Pentachlorophenol      | 17.04 | 266 | 55937  | 14.11  | ng/uL | 98  |
| 14) Phenanthrene           | 17.44 | 178 | 667675 | 20.38  | ng/ul | 99  |
| 16) Anthracene             | 17.52 | 178 | 671983 | 20.30  | ng/ul | 99  |
| 17) Fluoranthene           | 19.43 | 202 | 735573 | 21.63  | ng/ul | 99  |
| 20) Pyrene                 | 19.79 | 202 | 764058 | 18.98  | ng/ul | 99  |
| 21) Benzo(a)anthracene     | 21.62 | 228 | 699998 | 19.90  | ng/ul | 98  |
| 22) Chrysene               | 21.68 | 228 | 668788 | 20.37  | ng/ul | 99  |
| 24) Benzo(b)fluoranthene   | 23.81 | 252 | 671255 | 19.89  | ng/ul | 99  |
| 25) Benzo(k)fluoranthene   | 23.88 | 252 | 679272 | 21.08  | ng/ul | 98  |
| 27) Benzo(a)pyrene         | 24.67 | 252 | 665548 | 21.23  | ng/ul | 99  |
| 28) Indeno(1,2,3-cd)pyrene | 28.44 | 276 | 777705 | 22.46  | ng/ul | 97  |
| 29) Dibenzo(a,h)anthracene | 28.51 | 278 | 624746 | 22.75  | ng/ul | 100 |
| 30) Benzo(g,h,i)perylene   | 29.57 | 276 | 642634 | 21.69  | ng/ul | 97  |

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

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