

Data Path : Z:\HPCHEM1\BNA\_N\Data\BN031218\  
 Data File : BN000322.D  
 Acq On : 12 Mar 2018 21:49  
 Operator : JU/SJ  
 Sample : J1843-03  
 Misc :  
 ALS Vial : 22 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 ClientSampleId :  
 DAM62

Quant Time: Mar 13 12:05:36 2018  
 Quant Method : Z:\HPCHEM1\BNA\_N\METHODS\SOM-EPA-BN030918MA.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Fri Mar 09 23:47:40 2018  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 8.45  | 152  | 325240   | 20.00 | ng/ul | 0.00     |
| 2) Naphthalene-d8         | 11.29 | 136  | 1529817  | 20.00 | ng/ul | 0.00     |
| 6) Acenaphthene-d10       | 15.06 | 164  | 831945   | 20.00 | ng/ul | 0.00     |
| 12) Phenanthrene-d10      | 17.78 | 188  | 1715527  | 20.00 | ng/ul | 0.00     |
| 17) Chrysene-d12          | 21.89 | 240  | 1662223  | 20.00 | ng/ul | 0.00     |
| 22) Perylene-d12          | 24.37 | 264  | 1471689  | 20.00 | ng/ul | 0.00     |

## System Monitoring Compounds

|                        |       |     |         |       |       |      |
|------------------------|-------|-----|---------|-------|-------|------|
| 7) Acenaphthylene-d8   | 14.76 | 160 | 2513747 | 30.44 | ng/ul | 0.00 |
| 10) Fluorene-d10       | 16.04 | 176 | 1645828 | 29.43 | ng/ul | 0.00 |
| 14) Anthracene-d10     | 17.88 | 188 | 2437136 | 30.41 | ng/ul | 0.00 |
| 18) Pyrene-d10         | 20.13 | 212 | 2655563 | 32.66 | ng/ul | 0.00 |
| 25) Benzo(a)pyrene-d12 | 24.22 | 264 | 2165373 | 32.22 | ng/ul | 0.00 |

## Target Compounds

|                            |       |     |         |        | Qvalue |     |
|----------------------------|-------|-----|---------|--------|--------|-----|
| 8) Acenaphthylene          | 14.79 | 152 | 113510  | 1.368  | ng/ul  | 99  |
| 13) Phenanthrene           | 17.82 | 178 | 778955  | 7.917  | ng/ul  | 100 |
| 15) Anthracene             | 17.91 | 178 | 122749  | 1.230  | ng/ul  | 98  |
| 16) Fluoranthene           | 19.80 | 202 | 1578732 | 14.852 | ng/ul# | 94  |
| 19) Pyrene                 | 20.16 | 202 | 1319147 | 12.570 | ng/ul# | 89  |
| 20) Benzo(a)anthracene     | 21.88 | 228 | 577385  | 5.587  | ng/ul  | 95  |
| 21) Chrysene               | 21.93 | 228 | 672231  | 6.855  | ng/ul  | 97  |
| 23) Benzo(b)fluoranthene   | 23.62 | 252 | 993034  | 11.316 | ng/ul# | 96  |
| 24) Benzo(k)fluoranthene   | 23.62 | 252 | 993034  | 12.089 | ng/ul# | 96  |
| 26) Benzo(a)pyrene         | 24.27 | 252 | 597457  | 7.153  | ng/ul# | 95  |
| 27) Indeno(1,2,3-cd)pyrene | 26.93 | 276 | 403317  | 4.479  | ng/ul# | 89  |
| 28) Dibenzo(a,h)anthracene | 26.93 | 278 | 85980   | 1.165  | ng/ul# | 80  |
| 29) Benzo(g,h,i)perylene   | 27.72 | 276 | 357744  | 4.758  | ng/ul# | 88  |

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

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