

Data Path : Z:\HPCHEM1\BNA\_N\Data\BN031218\  
 Data File : BN000301.D  
 Acq On : 12 Mar 2018 08:57  
 Operator : JU/SJ  
 Sample : SSTDCCC020  
 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 ClientSampleId :  
 SSTD02094

Quant Time: Mar 12 11:45:06 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  | 272867   | 20.00  | ng/ul  | 0.00     |
| 2) Naphthalene-d8           | 11.29 | 136  | 1360017  | 20.00  | ng/ul  | 0.00     |
| 6) Acenaphthene-d10         | 15.06 | 164  | 779138   | 20.00  | ng/ul  | 0.00     |
| 12) Phenanthrene-d10        | 17.78 | 188  | 1605557  | 20.00  | ng/ul  | 0.00     |
| 17) Chrysene-d12            | 21.90 | 240  | 1574802  | 20.00  | ng/ul  | 0.00     |
| 22) Perylene-d12            | 24.37 | 264  | 1511566  | 20.00  | ng/ul  | 0.00     |
| System Monitoring Compounds |       |      |          |        |        |          |
| 7) Acenaphthylene-d8        | 14.76 | 160  | 1542217  | 19.94  | ng/ul  | 0.00     |
| 10) Fluorene-d10            | 16.04 | 176  | 1005676  | 19.21  | ng/ul  | 0.00     |
| 14) Anthracene-d10          | 17.88 | 188  | 1481433  | 19.75  | ng/ul  | 0.00     |
| 18) Pyrene-d10              | 20.13 | 212  | 1551164  | 20.13  | ng/ul  | 0.00     |
| 25) Benzo(a)pyrene-d12      | 24.22 | 264  | 1375648  | 19.93  | ng/ul  | 0.00     |
| Target Compounds            |       |      |          | Qvalue |        |          |
| 3) Naphthalene              | 11.34 | 128  | 1388934  | 19.353 | ng/ul  | 100      |
| 4) 2-Methylnaphthalene      | 12.92 | 142  | 975682   | 19.313 | ng/ul  | 98       |
| 5) 1-Methylnaphthalene      | 13.13 | 142  | 979795   | 19.325 | ng/ul# | 92       |
| 8) Acenaphthylene           | 14.79 | 152  | 1527030  | 19.651 | ng/ul  | 99       |
| 9) Acenaphthene             | 15.12 | 153  | 1044170  | 19.306 | ng/ul  | 95       |
| 11) Fluorene                | 16.09 | 166  | 1148893  | 19.260 | ng/ul  | 95       |
| 13) Phenanthrene            | 17.82 | 178  | 1780177  | 19.333 | ng/ul  | 99       |
| 15) Anthracene              | 17.92 | 178  | 1830371  | 19.591 | ng/ul  | 99       |
| 16) Fluoranthene            | 19.80 | 202  | 1957633  | 19.677 | ng/ul# | 93       |
| 19) Pyrene                  | 20.16 | 202  | 2012765  | 20.244 | ng/ul# | 88       |
| 20) Benzo(a)anthracene      | 21.88 | 228  | 1909624  | 19.506 | ng/ul  | 99       |
| 21) Chrysene                | 21.94 | 228  | 1812774  | 19.512 | ng/ul  | 99       |
| 23) Benzo(b)fluoranthene    | 23.62 | 252  | 1853752  | 20.566 | ng/ul# | 97       |
| 24) Benzo(k)fluoranthene    | 23.67 | 252  | 1737643  | 20.595 | ng/ul# | 96       |
| 26) Benzo(a)pyrene          | 24.27 | 252  | 1695926  | 19.769 | ng/ul# | 95       |
| 27) Indeno(1,2,3-cd)pyrene  | 26.93 | 276  | 1731404  | 18.719 | ng/ul# | 80       |
| 28) Dibenzo(a,h)anthracene  | 26.94 | 278  | 1429951  | 18.861 | ng/ul# | 93       |
| 29) Benzo(g,h,i)perylene    | 27.72 | 276  | 1427403  | 18.482 | ng/ul# | 88       |

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

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