

Data Path : Z:\HPCHEM1\BNA B\DATA\BB030917\  
 Data File : BB058702.D  
 Acq On : 9 Mar 2017 11:09  
 Operator : UM/SJ  
 Sample : SSTD02087  
 Misc :  
 ALS Vial : 4 Sample Multiplier: 1

Instrument :  
 BNA\_B  
 ClientSampleId :  
 SSTD02087

Quant Time: Mar 15 14:10:51 2017  
 Quant Method : Z:\HPCHEM1\BNA B\METHOD\SOM-EPA-BB030917-PAH.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Wed Mar 15 14:09:33 2017  
 Response via : Initial Calibration

| Internal Standards          | R.T.  | QIon | Response | Conc   | Units  | Dev(Min) |
|-----------------------------|-------|------|----------|--------|--------|----------|
| 1) 1,4-Dichlorobenzene-d4   | 4.90  | 152  | 323949   | 20.00  | ng/ul  | 0.00     |
| 2) Naphthalene-d8           | 6.17  | 136  | 1219165  | 20.00  | ng/ul  | 0.00     |
| 6) Acenaphthene-d10         | 8.04  | 164  | 864465   | 20.00  | ng/ul  | 0.00     |
| 12) Phenanthrene-d10        | 9.64  | 188  | 1778661  | 20.00  | ng/ul  | 0.00     |
| 18) Chrysene-d12            | 12.78 | 240  | 1678760  | 20.00  | ng/ul  | 0.00     |
| 23) Perylene-d12            | 15.69 | 264  | 1450248  | 20.00  | ng/ul  | 0.00     |
| System Monitoring Compounds |       |      |          |        |        |          |
| 3) 2,4-Dichlorophenol-d3    | 5.99  | 165  | 459237   | 19.77  | ng/uL  | 0.00     |
| 7) Acenaphthylene-d8        | 7.88  | 160  | 1577738  | 23.42  | ng/ul  | 0.00     |
| 10) Fluorene-d10            | 8.59  | 176  | 1268710  | 24.58  | ng/ul  | 0.00     |
| 15) Anthracene-d10          | 9.70  | 188  | 1666329  | 21.06  | ng/ul  | 0.00     |
| 19) Pyrene-d10              | 11.20 | 212  | 1611651  | 21.11  | ng/ul  | 0.00     |
| 26) Benzo(a)pyrene-d12      | 15.49 | 264  | 1292020  | 19.91  | ng/ul  | 0.00     |
| Target Compounds            |       |      |          | Qvalue |        |          |
| 4) Naphthalene              | 6.20  | 128  | 1258187  | 21.14  | ng/ul  | 100      |
| 5) 2-Methylnaphthalene      | 6.92  | 142  | 881937   | 19.83  | ng/ul  | 100      |
| 8) Acenaphthylene           | 7.89  | 152  | 1504024  | 23.94  | ng/ul  | 100      |
| 9) Acenaphthene             | 8.08  | 153  | 1070772  | 23.20  | ng/ul  | 100      |
| 11) Fluorene                | 8.62  | 166  | 1370923  | 23.97  | ng/ul  | 100      |
| 13) Pentachlorophenol       | 9.42  | 266  | 261862   | 17.37  | ng/uL  | 98       |
| 14) Phenanthrene            | 9.67  | 178  | 1917851  | 21.73  | ng/ul  | 100      |
| 16) Anthracene              | 9.72  | 178  | 1968095  | 22.15  | ng/ul  | 100      |
| 17) Fluoranthene            | 10.95 | 202  | 2041363  | 24.75  | ng/ul# | 87       |
| 20) Pyrene                  | 11.21 | 202  | 2109014  | 22.58  | ng/ul  | 100      |
| 21) Benzo(a)anthracene      | 12.75 | 228  | 1840457  | 20.89  | ng/ul  | 100      |
| 22) Chrysene                | 12.81 | 228  | 1708090  | 21.28  | ng/ul  | 100      |
| 24) Benzo(b)fluoranthene    | 14.76 | 252  | 1764702  | 19.87  | ng/ul  | 100      |
| 25) Benzo(k)fluoranthene    | 14.82 | 252  | 1572944  | 20.28  | ng/ul  | 100      |
| 27) Benzo(a)pyrene          | 15.55 | 252  | 1590399  | 19.94  | ng/ul  | 100      |
| 28) Indeno(1,2,3-cd)pyrene  | 18.94 | 276  | 1489773  | 20.44  | ng/ul  | 100      |
| 29) Dibenzo(a,h)anthracene  | 18.95 | 278  | 1261565  | 20.25  | ng/ul  | 100      |
| 30) Benzo(g,h,i)perylene    | 19.91 | 276  | 1182304  | 20.77  | ng/ul  | 100      |

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

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