

Data Path : Z:\HPCHEM1\BNA\_N\DATA\BN042618\  
 Data File : BN000936.D  
 Acq On : 26 Apr 2018 17:28  
 Operator : JU/SJ  
 Sample : SSTDCCC020  
 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 ClientSampleId :  
 SSTD02065

Manual Integrations  
 APPROVED

Sohil  
 4/27/2018 7:27:04 PM

Quant Time: Apr 27 08:21:02 2018  
 Quant Method : Z:\HPCHEM1\BNA\_N\METHODS\SOM-EPA-BN042418MA.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Fri Apr 27 07:47:48 2018  
 Response via : Initial Calibration

| Internal Standards          | R.T.  | QIon | Response | Conc   | Units  | Dev(Min) |
|-----------------------------|-------|------|----------|--------|--------|----------|
| 1) 1,4-Dichlorobenzene-d4   | 7.63  | 152  | 146931   | 20.00  | ng/ul  | 0.00     |
| 2) Naphthalene-d8           | 10.39 | 136  | 597832   | 20.00  | ng/ul  | 0.00     |
| 6) Acenaphthene-d10         | 14.26 | 164  | 299733   | 20.00  | ng/ul  | 0.00     |
| 12) Phenanthrene-d10        | 17.01 | 188  | 609532   | 20.00  | ng/ul  | 0.00     |
| 17) Chrysene-d12            | 21.22 | 240  | 589898   | 20.00  | ng/ul  | 0.00     |
| 22) Perylene-d12            | 23.42 | 264  | 625929   | 20.00  | ng/ul  | 0.00     |
| System Monitoring Compounds |       |      |          |        |        |          |
| 7) Acenaphthylene-d8        | 13.95 | 160  | 614427   | 21.34  | ng/ul  | 0.00     |
| 10) Fluorene-d10            | 15.26 | 176  | 395968   | 20.61  | ng/ul  | 0.00     |
| 14) Anthracene-d10          | 17.10 | 188  | 583174   | 20.92  | ng/ul  | 0.00     |
| 18) Pyrene-d10              | 19.41 | 212  | 613734   | 20.30  | ng/ul  | 0.00     |
| 25) Benzo(a)pyrene-d12      | 23.27 | 264  | 622962   | 21.07  | ng/ul  | 0.00     |
| Target Compounds            |       |      |          | Qvalue |        |          |
| 3) Naphthalene              | 10.45 | 128  | 615403   | 20.425 | ng/ul  | 100      |
| 4) 2-Methylnaphthalene      | 12.06 | 142  | 403257   | 20.060 | ng/ul  | 98       |
| 5) 1-Methylnaphthalene      | 12.28 | 142  | 396230   | 20.095 | ng/ul# | 93       |
| 8) Acenaphthylene           | 13.98 | 152  | 595335   | 20.896 | ng/ul  | 99       |
| 9) Acenaphthene             | 14.32 | 153  | 403040   | 20.474 | ng/ul  | 96       |
| 11) Fluorene                | 15.32 | 166  | 436266   | 20.819 | ng/ul  | 92       |
| 13) Phenanthrene            | 17.05 | 178  | 668170   | 20.099 | ng/ul  | 100      |
| 15) Anthracene              | 17.14 | 178  | 686922   | 20.600 | ng/ul  | 98       |
| 16) Fluoranthene            | 19.07 | 202  | 754109   | 22.358 | ng/ul# | 94       |
| 19) Pyrene                  | 19.44 | 202  | 749073   | 19.770 | ng/ul# | 88       |
| 20) Benzo(a)anthracene      | 21.20 | 228  | 739477   | 20.971 | ng/ul  | 99       |
| 21) Chrysene                | 21.26 | 228  | 682538   | 20.594 | ng/ul  | 99       |
| 23) Benzo(b)fluoranthene    | 22.76 | 252  | 725523m  | 20.396 | ng/ul  |          |
| 24) Benzo(k)fluoranthene    | 22.80 | 252  | 710711m  | 20.418 | ng/ul  |          |
| 26) Benzo(a)pyrene          | 23.32 | 252  | 705581   | 20.755 | ng/ul# | 97       |
| 27) Indeno(1,2,3-cd)pyrene  | 25.60 | 276  | 855311   | 20.830 | ng/ul# | 86       |
| 28) Dibenzo(a,h)anthracene  | 25.62 | 278  | 710445   | 20.760 | ng/ul# | 95       |
| 29) Benzo(g,h,i)perylene    | 26.27 | 276  | 718551   | 20.923 | ng/ul# | 95       |

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

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