

Data Path : Z:\HPCHEM1\BNA\_N\DATA\BN042618\  
 Data File : BN000953.D  
 Acq On : 27 Apr 2018 03:19  
 Operator : JU/SJ  
 Sample : SSTDCCC020  
 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 ClientSampleId :  
 SSTDCCC066

Manual Integrations  
 APPROVED

Sohil  
 4/27/2018 7:27:48 PM

Quant Time: Apr 27 09:11:21 2018  
 Quant Method : Z:\HPCHEM1\BNA\_N\METHODS\SOM-EPA-BN042418MA.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Fri Apr 27 08:22:19 2018  
 Response via : Initial Calibration

| Internal Standards          | R.T.  | QIon | Response | Conc   | Units  | Dev(Min) |
|-----------------------------|-------|------|----------|--------|--------|----------|
| 1) 1,4-Dichlorobenzene-d4   | 7.62  | 152  | 209785   | 20.00  | ng/ul  | 0.00     |
| 2) Naphthalene-d8           | 10.39 | 136  | 893350   | 20.00  | ng/ul  | 0.00     |
| 6) Acenaphthene-d10         | 14.26 | 164  | 452171   | 20.00  | ng/ul  | 0.00     |
| 12) Phenanthrene-d10        | 17.00 | 188  | 806370   | 20.00  | ng/ul  | 0.00     |
| 17) Chrysene-d12            | 21.22 | 240  | 628589   | 20.00  | ng/ul  | 0.00     |
| 22) Perylene-d12            | 23.41 | 264  | 656526   | 20.00  | ng/ul  | 0.00     |
| System Monitoring Compounds |       |      |          |        |        |          |
| 7) Acenaphthylene-d8        | 13.95 | 160  | 917027   | 21.12  | ng/ul  | 0.00     |
| 10) Fluorene-d10            | 15.26 | 176  | 581696   | 20.07  | ng/ul  | 0.00     |
| 14) Anthracene-d10          | 17.10 | 188  | 766943   | 20.80  | ng/ul  | 0.00     |
| 18) Pyrene-d10              | 19.41 | 212  | 686495   | 21.31  | ng/ul  | 0.00     |
| 25) Benzo(a)pyrene-d12      | 23.27 | 264  | 656964   | 21.18  | ng/ul  | 0.00     |
| Target Compounds            |       |      |          | Qvalue |        |          |
| 3) Naphthalene              | 10.44 | 128  | 919028   | 20.412 | ng/ul  | 100      |
| 4) 2-Methylnaphthalene      | 12.06 | 142  | 614171   | 20.445 | ng/ul  | 99       |
| 5) 1-Methylnaphthalene      | 12.28 | 142  | 603430   | 20.480 | ng/ul# | 94       |
| 8) Acenaphthylene           | 13.97 | 152  | 889001   | 20.684 | ng/ul  | 99       |
| 9) Acenaphthene             | 14.32 | 153  | 603244   | 20.314 | ng/ul  | 95       |
| 11) Fluorene                | 15.31 | 166  | 628766   | 19.889 | ng/ul  | 93       |
| 13) Phenanthrene            | 17.05 | 178  | 889980   | 20.236 | ng/ul  | 99       |
| 15) Anthracene              | 17.14 | 178  | 899550   | 20.392 | ng/ul  | 99       |
| 16) Fluoranthene            | 19.07 | 202  | 860155   | 19.277 | ng/ul# | 94       |
| 19) Pyrene                  | 19.44 | 202  | 849491   | 21.040 | ng/ul# | 91       |
| 20) Benzo(a)anthracene      | 21.20 | 228  | 776621   | 20.668 | ng/ul  | 99       |
| 21) Chrysene                | 21.25 | 228  | 721642   | 20.433 | ng/ul  | 99       |
| 23) Benzo(b)fluoranthene    | 22.76 | 252  | 754603   | 20.225 | ng/ul# | 97       |
| 24) Benzo(k)fluoranthene    | 22.80 | 252  | 719203m  | 19.699 | ng/ul  |          |
| 26) Benzo(a)pyrene          | 23.32 | 252  | 741882   | 20.806 | ng/ul# | 96       |
| 27) Indeno(1,2,3-cd)pyrene  | 25.60 | 276  | 897088   | 20.830 | ng/ul# | 86       |
| 28) Dibenzo(a,h)anthracene  | 25.60 | 278  | 751524   | 20.937 | ng/ul# | 96       |
| 29) Benzo(g,h,i)perylene    | 26.26 | 276  | 757201   | 21.021 | ng/ul# | 94       |

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

