

Data Path : Z:\HPCHEM1\BNA N\DATA\BN042418\  
 Data File : BN000841.D  
 Acq On : 24 Apr 2018 09:52  
 Operator : JU/SJ  
 Sample : SSTD00551  
 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 ClientSampleID :  
 SSTD00551

Manual Integrations  
 APPROVED

Sohil  
 4/25/2018 4:35:51 PM

Quant Time: Apr 24 12:42:09 2018  
 Quant Method : Z:\HPCHEM1\BNA N\METHODS\SOM-EPA-BN042418MA.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Tue Apr 24 12:27:50 2018  
 Response via : Initial Calibration

| Internal Standards          | R.T.  | QIon | Response | Conc   | Units  | Dev(Min) |
|-----------------------------|-------|------|----------|--------|--------|----------|
| 1) 1,4-Dichlorobenzene-d4   | 7.62  | 152  | 147700   | 20.00  | ng/ul  | 0.00     |
| 2) Naphthalene-d8           | 10.39 | 136  | 642805   | 20.00  | ng/ul  | 0.00     |
| 6) Acenaphthene-d10         | 14.25 | 164  | 347175   | 20.00  | ng/ul  | 0.00     |
| 12) Phenanthrene-d10        | 17.00 | 188  | 711119   | 20.00  | ng/ul  | 0.00     |
| 17) Chrysene-d12            | 21.20 | 240  | 579777   | 20.00  | ng/ul  | 0.00     |
| 22) Perylene-d12            | 23.39 | 264  | 523515   | 20.00  | ng/ul  | 0.00     |
| System Monitoring Compounds |       |      |          |        |        |          |
| 7) Acenaphthylene-d8        | 13.94 | 160  | 181428   | 5.27   | ng/ul  | 0.00     |
| 10) Fluorene-d10            | 15.25 | 176  | 130893   | 5.61   | ng/ul  | 0.00     |
| 14) Anthracene-d10          | 17.09 | 188  | 180634   | 5.44   | ng/ul  | 0.00     |
| 18) Pyrene-d10              | 19.40 | 212  | 178545   | 6.29   | ng/ul  | 0.00     |
| 25) Benzo(a)pyrene-d12      | 23.24 | 264  | 129223   | 5.41   | ng/ul  | 0.00     |
| Target Compounds            |       |      |          | Ovalue |        |          |
| 3) Naphthalene              | 10.43 | 128  | 184844   | 5.449  | ng/ul  | 100      |
| 4) 2-Methylnaphthalene      | 12.05 | 142  | 125487   | 5.255  | ng/ul  | 98       |
| 5) 1-Methylnaphthalene      | 12.27 | 142  | 123485   | 5.153  | ng/ul  | 94       |
| 8) Acenaphthylene           | 13.97 | 152  | 185602   | 5.360  | ng/ul  | 99       |
| 9) Acenaphthene             | 14.32 | 153  | 131503   | 5.457  | ng/ul  | 96       |
| 11) Fluorene                | 15.30 | 166  | 143537   | 5.400  | ng/ul  | 94       |
| 13) Phenanthrene            | 17.04 | 178  | 221876   | 5.440  | ng/ul  | 99       |
| 15) Anthracene              | 17.13 | 178  | 220087   | 5.319  | ng/ul  | 99       |
| 16) Fluoranthene            | 19.06 | 202  | 214288   | 4.863  | ng/ul# | 94       |
| 19) Pyrene                  | 19.43 | 202  | 230969   | 6.310  | ng/ul# | 90       |
| 20) Benzo(a)anthracene      | 21.19 | 228  | 194564   | 5.398  | ng/ul  | 100      |
| 21) Chrysene                | 21.23 | 228  | 185168   | 5.414  | ng/ul  | 98       |
| 23) Benzo(b)fluoranthene    | 22.73 | 252  | 163950m  | 5.252  | ng/ul  |          |
| 24) Benzo(k)fluoranthene    | 22.78 | 252  | 164298   | 5.623  | ng/ul# | 95       |
| 26) Benzo(a)pyrene          | 23.29 | 252  | 152673   | 5.139  | ng/ul# | 94       |
| 27) Indeno(1,2,3-cd)pyrene  | 25.54 | 276  | 174140   | 5.436  | ng/ul# | 86       |
| 28) Dibenzo(a,h)anthracene  | 25.56 | 278  | 146494   | 5.579  | ng/ul# | 95       |
| 29) Benzo(a,h,i)perylene    | 26.21 | 276  | 143819   | 5.377  | ng/ul# | 91       |

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

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