

Data Path : Z:\HPCHEM1\BNA\_N\DATA\BN031218\  
 Data File : BN000321.D  
 Acq On : 12 Mar 2018 21:15  
 Operator : JU/SJ  
 Sample : J1843-02  
 Misc :  
 ALS Vial : 21 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 ClientSampleId :  
 DAM61

Manual Integrations  
 APPROVED

Sohil  
 3/13/2018 5:32:56 PM

Quant Time: Mar 13 12:04:01 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  | 320767   | 20.00 | ng/ul  | 0.00       |
| 2) Naphthalene-d8           | 11.29 | 136  | 1518562  | 20.00 | ng/ul  | 0.00       |
| 6) Acenaphthene-d10         | 15.06 | 164  | 820516   | 20.00 | ng/ul  | 0.00       |
| 12) Phenanthrene-d10        | 17.78 | 188  | 1681126  | 20.00 | ng/ul  | 0.00       |
| 17) Chrysene-d12            | 21.89 | 240  | 1614985  | 20.00 | ng/ul  | 0.00       |
| 22) Perylene-d12            | 24.37 | 264  | 1458438  | 20.00 | ng/ul  | 0.00       |
| System Monitoring Compounds |       |      |          |       |        |            |
| 7) Acenaphthylene-d8        | 14.76 | 160  | 1589004  | 19.51 | ng/ul  | 0.00       |
| 10) Fluorene-d10            | 16.04 | 176  | 983481   | 17.83 | ng/ul  | 0.00       |
| 14) Anthracene-d10          | 17.87 | 188  | 1505569  | 19.17 | ng/ul  | 0.00       |
| 18) Pyrene-d10              | 20.13 | 212  | 2627462  | 33.26 | ng/ul  | 0.00       |
| 25) Benzo(a)pyrene-d12      | 24.22 | 264  | 2439332  | 36.63 | ng/ul  | 0.00       |
| Target Compounds            |       |      |          |       |        |            |
| 13) Phenanthrene            | 17.82 | 178  | 227028   | 2.355 | ng/ul  | Qvalue 100 |
| 16) Fluoranthene            | 19.80 | 202  | 382752   | 3.674 | ng/ul# | 94         |
| 19) Pyrene                  | 20.16 | 202  | 526166   | 5.160 | ng/ul# | 90         |
| 20) Benzo(a)anthracene      | 21.88 | 228  | 163036   | 1.624 | ng/ul  | 98         |
| 21) Chrysene                | 21.93 | 228  | 169299   | 1.777 | ng/ul  | 97         |
| 23) Benzo(b)fluoranthene    | 23.62 | 252  | 223186m  | 2.566 | ng/ul  |            |
| 26) Benzo(a)pyrene          | 24.26 | 252  | 245143   | 2.962 | ng/ul# | 94         |
| 27) Indeno(1,2,3-cd)pyrene  | 26.92 | 276  | 132987   | 1.490 | ng/ul# | 85         |
| 29) Benzo(g,h,i)perylene    | 27.72 | 276  | 160823   | 2.158 | ng/ul# | 89         |

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

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