

Data Path : Z:\HPCHEM1\BNA\_N\DATA\BN042618\  
 Data File : BN000964.D  
 Acq On : 27 Apr 2018 13:05  
 Operator : JU/SJ  
 Sample : J2526-12DL 30X  
 Misc :  
 ALS Vial : 35 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 ClientSampleId :  
 DAS60DL

Manual Integrations  
 APPROVED

Sohil  
 4/27/2018 7:28:09 PM

Quant Time: Apr 27 16:37:25 2018  
 Quant Method : Z:\HPCHEM1\BNA\_N\METHODS\SOM-EPA-BN042418MA.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Fri Apr 27 09:25:35 2018  
 Response via : Initial Calibration

| Internal Standards          | R.T.  | QIon | Response | Conc   | Units  | Dev(Min) |
|-----------------------------|-------|------|----------|--------|--------|----------|
| 1) 1,4-Dichlorobenzene-d4   | 7.62  | 152  | 142000   | 20.00  | ng/ul  | 0.00     |
| 2) Naphthalene-d8           | 10.39 | 136  | 592123   | 20.00  | ng/ul  | 0.00     |
| 6) Acenaphthene-d10         | 14.26 | 164  | 285990   | 20.00  | ng/ul  | 0.00     |
| 12) Phenanthrene-d10        | 17.00 | 188  | 505165   | 20.00  | ng/ul  | 0.00     |
| 17) Chrysene-d12            | 21.22 | 240  | 421874   | 20.00  | ng/ul  | 0.00     |
| 22) Perylene-d12            | 23.42 | 264  | 463230   | 20.00  | ng/ul  | 0.00     |
| System Monitoring Compounds |       |      |          |        |        |          |
| 7) Acenaphthylene-d8        | 13.95 | 160  | 29194    | 1.06   | ng/ul  | 0.00     |
| 10) Fluorene-d10            | 15.25 | 176  | 21583    | 1.18   | ng/ul  | 0.00     |
| 14) Anthracene-d10          | 17.10 | 188  | 27690    | 1.20   | ng/ul  | 0.00     |
| 18) Pyrene-d10              | 19.41 | 212  | 26379    | 1.22   | ng/ul  | 0.00     |
| 25) Benzo(a)pyrene-d12      | 23.27 | 264  | 26897    | 1.23   | ng/ul  | 0.00     |
| Target Compounds            |       |      |          |        |        |          |
|                             |       |      |          |        |        | Qvalue   |
| 3) Naphthalene              | 10.43 | 128  | 151223   | 5.067  | ng/ul  | 99       |
| 4) 2-Methylnaphthalene      | 12.05 | 142  | 75208    | 3.777  | ng/ul  | 97       |
| 5) 1-Methylnaphthalene      | 12.27 | 142  | 75621    | 3.872  | ng/ul# | 92       |
| 9) Acenaphthene             | 14.32 | 153  | 112031   | 5.965  | ng/ul  | 97       |
| 11) Fluorene                | 15.30 | 166  | 95081    | 4.755  | ng/ul  | 93       |
| 13) Phenanthrene            | 17.05 | 178  | 1379001  | 50.051 | ng/ul  | 99       |
| 15) Anthracene              | 17.14 | 178  | 323528   | 11.707 | ng/ul  | 99       |
| 16) Fluoranthene            | 19.07 | 202  | 1483345  | 53.065 | ng/ul# | 93       |
| 19) Pyrene                  | 19.44 | 202  | 1278721  | 47.189 | ng/ul# | 89       |
| 20) Benzo(a)anthracene      | 21.20 | 228  | 718046   | 28.473 | ng/ul  | 99       |
| 21) Chrysene                | 21.25 | 228  | 617713   | 26.061 | ng/ul  | 97       |
| 23) Benzo(b)fluoranthene    | 22.76 | 252  | 935973m  | 35.554 | ng/ul  |          |
| 24) Benzo(k)fluoranthene    | 22.80 | 252  | 305561m  | 11.862 | ng/ul  |          |
| 26) Benzo(a)pyrene          | 23.32 | 252  | 645072   | 25.640 | ng/ul# | 96       |
| 27) Indeno(1,2,3-cd)pyrene  | 25.60 | 276  | 447227   | 14.717 | ng/ul# | 89       |
| 28) Dibenzo(a,h)anthracene  | 25.60 | 278  | 134197m  | 5.299  | ng/ul  |          |
| 29) Benzo(g,h,i)perylene    | 26.27 | 276  | 347775   | 13.684 | ng/ul# | 92       |

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

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