

Data Path : Z:\HPCHEM1\BNA N\DATA\BN042518\  
 Data File : BN000912.D  
 Acq On : 26 Apr 2018 03:21  
 Operator : JU/SJ  
 Sample : J2444-02  
 Misc :  
 ALS Vial : 21 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 ClientSampleId :  
 DARS1

Manual Integrations  
 APPROVED

Sohil  
 4/26/2018 6:23:15 PM

Quant Time: Apr 26 08:45:48 2018  
 Quant Method : Z:\HPCHEM1\BNA N\METHODS\SOM-EPA-BN042418MA.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Thu Apr 26 08:36:26 2018  
 Response via : Initial Calibration

| Internal Standards          | R.T.  | QIon | Response | Conc   | Units  | Dev(Min) |
|-----------------------------|-------|------|----------|--------|--------|----------|
| 1) 1,4-Dichlorobenzene-d4   | 7.62  | 152  | 132264   | 20.00  | ng/ul  | 0.00     |
| 2) Naphthalene-d8           | 10.39 | 136  | 567604   | 20.00  | ng/ul  | 0.00     |
| 6) Acenaphthene-d10         | 14.25 | 164  | 282401   | 20.00  | ng/ul  | 0.00     |
| 12) Phenanthrene-d10        | 17.00 | 188  | 547718   | 20.00  | ng/ul  | 0.00     |
| 17) Chrysene-d12            | 21.20 | 240  | 497320   | 20.00  | ng/ul  | 0.00     |
| 22) Perylene-d12            | 23.40 | 264  | 529448   | 20.00  | ng/ul  | 0.00     |
| System Monitoring Compounds |       |      |          |        |        |          |
| 7) Acenaphthylene-d8        | 13.94 | 160  | 642944   | 23.71  | ng/ul  | 0.00     |
| 10) Fluorene-d10            | 15.25 | 176  | 442650   | 24.45  | ng/ul  | 0.00     |
| 14) Anthracene-d10          | 17.10 | 188  | 632391   | 25.25  | ng/ul  | 0.00     |
| 18) Pyrene-d10              | 19.40 | 212  | 640413   | 25.13  | ng/ul  | 0.00     |
| 25) Benzo(a)pyrene-d12      | 23.26 | 264  | 671698   | 26.86  | ng/ul  | 0.00     |
| Target Compounds            |       |      |          | Ovalue |        |          |
| 13) Phenanthrene            | 17.04 | 178  | 151301   | 5.065  | ng/ul  | 99       |
| 16) Fluoranthene            | 19.06 | 202  | 316683   | 10.449 | ng/ul# | 93       |
| 19) Pyrene                  | 19.43 | 202  | 287803   | 9.010  | ng/ul# | 92       |
| 20) Benzo(a)anthracene      | 21.19 | 228  | 137163m  | 4.614  | ng/ul  |          |
| 21) Chrysene                | 21.24 | 228  | 159204m  | 5.698  | ng/ul  |          |
| 23) Benzo(b)fluoranthene    | 22.75 | 252  | 215744m  | 7.170  | ng/ul  |          |
| 24) Benzo(k)fluoranthene    | 22.79 | 252  | 71079m   | 2.414  | ng/ul  |          |
| 26) Benzo(a)pyrene          | 23.30 | 252  | 144055   | 5.010  | ng/ul# | 90       |
| 27) Indeno(1,2,3-cd)pyrene  | 25.57 | 276  | 114809   | 3.306  | ng/ul# | 85       |
| 28) Dibenzo(a,h)anthracene  | 25.59 | 278  | 30445    | 1.052  | ng/ul# | 59       |
| 29) Benzo(g,h,i)perylene    | 26.24 | 276  | 158911   | 5.471  | ng/ul# | 90       |

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

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