

Data Path : Z:\HPCHEM1\BNA N\DATA\BN050218\  
 Data File : BN001093.D  
 Acq On : 03 May 2018 04:19  
 Operator : JU/SJ  
 Sample : J2601-08  
 Misc :  
 ALS Vial : 33 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 ClientSampleId :

Quant Time: May 03 09:01:01 2018  
 Quant Method : Z:\HPCHEM1\BNA N\METHODS\SOM-EPA-BN042418MA.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Thu May 03 08:25:51 2018  
 Response via : Initial Calibration

| Internal Standards          | R.T.  | QIon | Response | Conc   | Units  | Dev(Min) |
|-----------------------------|-------|------|----------|--------|--------|----------|
| 1) 1,4-Dichlorobenzene-d4   | 7.62  | 152  | 137287   | 20.00  | ng/ul  | 0.00     |
| 2) Naphthalene-d8           | 10.39 | 136  | 587463   | 20.00  | ng/ul  | 0.00     |
| 6) Acenaphthene-d10         | 14.26 | 164  | 284948   | 20.00  | ng/ul  | 0.00     |
| 12) Phenanthrene-d10        | 17.00 | 188  | 507857   | 20.00  | ng/ul  | 0.00     |
| 17) Chrysene-d12            | 21.22 | 240  | 424870   | 20.00  | ng/ul  | 0.00     |
| 22) Perylene-d12            | 23.42 | 264  | 461516   | 20.00  | ng/ul  | 0.01     |
| System Monitoring Compounds |       |      |          |        |        |          |
| 7) Acenaphthylene-d8        | 13.95 | 160  | 837259   | 30.59  | ng/ul  | 0.00     |
| 10) Fluorene-d10            | 15.26 | 176  | 566175   | 31.00  | ng/ul  | 0.00     |
| 14) Anthracene-d10          | 17.10 | 188  | 758303   | 32.65  | ng/ul  | 0.00     |
| 18) Pyrene-d10              | 19.41 | 212  | 718133   | 32.99  | ng/ul  | 0.00     |
| 25) Benzo(a)pyrene-d12      | 23.29 | 264  | 767145   | 35.19  | ng/ul  | 0.02     |
| Target Compounds            |       |      |          | Ovalue |        |          |
| 8) Acenaphthylene           | 13.97 | 152  | 31177    | 1.151  | ng/ul  | 98       |
| 13) Phenanthrene            | 17.05 | 178  | 275012   | 9.929  | ng/ul  | 100      |
| 15) Anthracene              | 17.14 | 178  | 56885    | 2.047  | ng/ul  | 98       |
| 16) Fluoranthene            | 19.07 | 202  | 931750   | 33.155 | ng/ul# | 93       |
| 19) Pyrene                  | 19.44 | 202  | 770000   | 28.215 | ng/ul# | 88       |
| 20) Benzo(a)anthracene      | 21.20 | 228  | 369920   | 14.565 | ng/ul  | 95       |
| 21) Chrysene                | 21.25 | 228  | 515132m  | 21.580 | ng/ul  |          |
| 23) Benzo(b)fluoranthene    | 22.77 | 252  | 800161   | 30.508 | ng/ul# | 96       |
| 24) Benzo(k)fluoranthene    | 22.80 | 252  | 196907m  | 7.672  | ng/ul  |          |
| 26) Benzo(a)pyrene          | 23.33 | 252  | 430481   | 17.174 | ng/ul# | 94       |
| 27) Indeno(1,2,3-cd)pyrene  | 25.62 | 276  | 395513   | 13.064 | ng/ul# | 91       |
| 28) Dibenzo(a,h)anthracene  | 25.62 | 278  | 92475    | 3.665  | ng/ul# | 80       |
| 29) Benzo(a,h,i)perylene    | 26.29 | 276  | 355040   | 14.021 | ng/ul# | 92       |

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

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