

Data Path : Z:\HPCHEM1\BNA N\DATA\BN043018\  
 Data File : BN001015.D  
 Acq On : 01 May 2018 04:00  
 Operator : JU/SJ  
 Sample : J2599-08  
 Misc :  
 ALS Vial : 23 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 ClientSampleId :  
 DAT29

Manual Integrations  
 APPROVED

Sohil  
 5/1/2018 7:08:37 PM

Quant Time: May 01 05:56:30 2018  
 Quant Method : Z:\HPCHEM1\BNA N\METHODS\SOM-EPA-BN042418MA.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Tue May 01 01:47:00 2018  
 Response via : Initial Calibration

| Internal Standards          | R.T.  | QIon | Response | Conc   | Units  | Dev(Min) |
|-----------------------------|-------|------|----------|--------|--------|----------|
| 1) 1,4-Dichlorobenzene-d4   | 7.62  | 152  | 160853   | 20.00  | ng/ul  | 0.00     |
| 2) Naphthalene-d8           | 10.38 | 136  | 690205   | 20.00  | ng/ul  | 0.00     |
| 6) Acenaphthene-d10         | 14.25 | 164  | 337995   | 20.00  | ng/ul  | 0.00     |
| 12) Phenanthrene-d10        | 17.00 | 188  | 601592   | 20.00  | ng/ul  | 0.00     |
| 17) Chrysene-d12            | 21.20 | 240  | 479775   | 20.00  | ng/ul  | 0.00     |
| 22) Perylene-d12            | 23.40 | 264  | 511985   | 20.00  | ng/ul  | 0.00     |
| System Monitoring Compounds |       |      |          |        |        |          |
| 7) Acenaphthylene-d8        | 13.94 | 160  | 535806   | 16.51  | ng/ul  | 0.00     |
| 10) Fluorene-d10            | 15.25 | 176  | 363447   | 16.77  | ng/ul  | 0.00     |
| 14) Anthracene-d10          | 17.10 | 188  | 480920   | 17.48  | ng/ul  | 0.00     |
| 18) Pyrene-d10              | 19.40 | 212  | 453487   | 18.45  | ng/ul  | 0.00     |
| 25) Benzo(a)pyrene-d12      | 23.26 | 264  | 467828   | 19.34  | ng/ul  | 0.00     |
| Target Compounds            |       |      |          | Ovalue |        |          |
| 13) Phenanthrene            | 17.04 | 178  | 144366   | 4.400  | ng/ul  | 99       |
| 16) Fluoranthene            | 19.06 | 202  | 375590   | 11.283 | ng/ul# | 92       |
| 19) Pyrene                  | 19.43 | 202  | 311217   | 10.099 | ng/ul# | 92       |
| 20) Benzo(a)anthracene      | 21.19 | 228  | 145401   | 5.070  | ng/ul  | 98       |
| 21) Chrysene                | 21.24 | 228  | 200318m  | 7.431  | ng/ul  |          |
| 23) Benzo(b)fluoranthene    | 22.74 | 252  | 299074m  | 10.279 | ng/ul  |          |
| 24) Benzo(k)fluoranthene    | 22.79 | 252  | 96726m   | 3.397  | ng/ul  |          |
| 26) Benzo(a)pyrene          | 23.30 | 252  | 178633   | 6.424  | ng/ul# | 94       |
| 27) Indeno(1,2,3-cd)pyrene  | 25.57 | 276  | 158269   | 4.712  | ng/ul# | 91       |
| 28) Dibenzo(a,h)anthracene  | 25.57 | 278  | 37966    | 1.356  | ng/ul# | 83       |
| 29) Benzo(g,h,i)perylene    | 26.24 | 276  | 156129   | 5.558  | ng/ul# | 92       |

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

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