

Data Path : Z:\HPCHEM1\BNA N\DATA\BN042718\  
 Data File : BN000985.D  
 Acq On : 28 Apr 2018 04:45  
 Operator : JU/SJ  
 Sample : J2440-14  
 Misc :  
 ALS Vial : 19 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 ClientSampleId :  
 A3Y29

Manual Integrations  
 APPROVED

Sohil  
 4/30/2018 7:06:03 PM

Quant Time: Apr 28 06:50:37 2018  
 Quant Method : Z:\HPCHEM1\BNA N\Methods\SOM-EPA-BN041918-PAH.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Sat Apr 28 03:58:06 2018  
 Response via : Initial Calibration

| Internal Standards          | R.T.  | QIon | Response | Conc   | Units  | Dev(Min) |
|-----------------------------|-------|------|----------|--------|--------|----------|
| 1) 1,4-Dichlorobenzene-d4   | 7.62  | 152  | 174470   | 20.00  | ng/ul  | 0.00     |
| 2) Naphthalene-d8           | 10.39 | 136  | 752329   | 20.00  | ng/ul  | 0.00     |
| 6) Acenaphthene-d10         | 14.25 | 164  | 379397   | 20.00  | ng/ul  | 0.00     |
| 12) Phenanthrene-d10        | 17.00 | 188  | 701645   | 20.00  | ng/ul  | 0.00     |
| 18) Chrysene-d12            | 21.21 | 240  | 507829   | 20.00  | ng/ul  | 0.00     |
| 23) Perylene-d12            | 23.40 | 264  | 519234   | 20.00  | ng/ul  | 0.00     |
| System Monitoring Compounds |       |      |          |        |        |          |
| 3) 2,4-Dichlorophenol-d3    | 10.01 | 165  | 194129   | 18.14  | ng/ul  | 0.00     |
| 7) Acenaphthylene-d8        | 13.94 | 160  | 655751   | 17.96  | ng/ul  | 0.00     |
| 10) Fluorene-d10            | 15.25 | 176  | 443938   | 18.14  | ng/ul  | 0.00     |
| 15) Anthracene-d10          | 17.10 | 188  | 579225   | 17.86  | ng/ul  | 0.00     |
| 19) Pyrene-d10              | 19.40 | 212  | 536385   | 20.99  | ng/ul  | 0.00     |
| 26) Benzo(a)pyrene-d12      | 23.26 | 264  | 495411   | 20.24  | ng/ul  | 0.00     |
| Target Compounds            |       |      |          | Qvalue |        |          |
| 4) Naphthalene              | 10.43 | 128  | 142706   | 3.747  | ng/ul  | 100      |
| 14) Phenanthrene            | 17.05 | 178  | 172040   | 4.488  | ng/ul  | 99       |
| 17) Fluoranthene            | 19.07 | 202  | 151089   | 4.009  | ng/ul# | 78       |
| 20) Pyrene                  | 19.43 | 202  | 132100   | 4.109  | ng/ul# | 72       |
| 21) Benzo(a)anthracene      | 21.19 | 228  | 64005    | 2.115  | ng/ul  | 98       |
| 22) Chrysene                | 21.25 | 228  | 65998    | 2.306  | ng/ul  | 98       |
| 24) Benzo(b)fluoranthene    | 22.75 | 252  | 85529    | 2.848  | ng/ul# | 93       |
| 25) Benzo(k)fluoranthene    | 22.79 | 252  | 34339m   | 1.185  | ng/ul  |          |
| 27) Benzo(a)pyrene          | 23.30 | 252  | 61976    | 2.156  | ng/ul# | 92       |
| 28) Indeno(1,2,3-cd)pyrene  | 25.57 | 276  | 39619    | 1.234  | ng/ul# | 78       |
| 30) Benzo(g,h,i)perylene    | 26.24 | 276  | 36104    | 1.358  | ng/ul# | 85       |

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

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