

Data Path : Z:\HPCHEM1\BNA\_M\DATA\BM031518\  
 Data File : BM014597.D  
 Acq On : 16 Mar 2018 03:40  
 Operator : SJ/JU  
 Sample : J1904-07  
 Misc :  
 ALS Vial : 25 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 BEL15

Manual Integrations  
 APPROVED

Sohil  
 3/16/2018 5:10:08 PM

Quant Time: Mar 26 12:06:06 2018  
 Quant Method : Z:\HPCHEM1\BNA\_M\METHODS\SOM-EPA-BM031518-PAH.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Fri Mar 16 15:09:29 2018  
 Response via : Initial Calibration

| Internal Standards          | R.T.  | QIon | Response | Conc   | Units  | Dev(Min) |
|-----------------------------|-------|------|----------|--------|--------|----------|
| 1) 1,4-Dichlorobenzene-d4   | 7.45  | 152  | 106457   | 20.00  | ng/ul  | 0.00     |
| 2) Naphthalene-d8           | 10.22 | 136  | 438238   | 20.00  | ng/ul  | 0.00     |
| 6) Acenaphthene-d10         | 14.12 | 164  | 235725   | 20.00  | ng/ul  | 0.00     |
| 12) Phenanthrene-d10        | 16.89 | 188  | 486239   | 20.00  | ng/ul  | 0.00     |
| 18) Chrysene-d12            | 21.11 | 240  | 401134   | 20.00  | ng/ul  | 0.00     |
| 23) Perylene-d12            | 23.28 | 264  | 423295   | 20.00  | ng/ul  | 0.00     |
| System Monitoring Compounds |       |      |          |        |        |          |
| 3) 2,4-Dichlorophenol-d3    | 9.89  | 165  | 120150   | 17.74  | ng/ul  | 0.00     |
| 7) Acenaphthylene-d8        | 13.81 | 160  | 535871   | 21.27  | ng/ul  | 0.00     |
| 10) Fluorene-d10            | 15.13 | 176  | 348328   | 21.11  | ng/ul  | 0.00     |
| 15) Anthracene-d10          | 16.99 | 188  | 496000   | 21.31  | ng/ul  | 0.00     |
| 19) Pyrene-d10              | 19.30 | 212  | 499426   | 20.71  | ng/ul  | 0.00     |
| 26) Benzo(a)pyrene-d12      | 23.14 | 264  | 459802   | 22.45  | ng/ul  | 0.00     |
| Target Compounds            |       |      |          | Qvalue |        |          |
| 14) Phenanthrene            | 16.93 | 178  | 66763    | 2.452  | ng/ul  | 96       |
| 17) Fluoranthene            | 18.97 | 202  | 119340   | 3.861  | ng/ul# | 97       |
| 20) Pyrene                  | 19.33 | 202  | 124525   | 4.128  | ng/ul  | 98       |
| 21) Benzo(a)anthracene      | 21.10 | 228  | 67804    | 2.673  | ng/ul  | 94       |
| 22) Chrysene                | 21.15 | 228  | 57703m   | 2.474  | ng/ul  |          |
| 24) Benzo(b)fluoranthene    | 22.64 | 252  | 83071    | 3.121  | ng/ul# | 80       |
| 27) Benzo(a)pyrene          | 23.19 | 252  | 73904    | 2.926  | ng/ul# | 82       |
| 28) Indeno(1,2,3-cd)pyrene  | 25.43 | 276  | 59292    | 2.039  | ng/ul# | 81       |
| 30) Benzo(g,h,i)perylene    | 26.09 | 276  | 76194    | 3.290  | ng/ul# | 81       |

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

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