

Data Path : Z:\HPCHEM1\BNA M\DATA\BM031518\  
 Data File : BM014594.D  
 Acq On : 16 Mar 2018 01:52  
 Operator : SJ/JU  
 Sample : J1904-08  
 Misc :  
 ALS Vial : 23 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 BEL18

Manual Integrations  
 APPROVED

Sohil  
 3/16/2018 5:10:00 PM

Quant Time: Mar 16 16:03:33 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  | 111168   | 20.00  | ng/ul  | 0.00     |
| 2) Naphthalene-d8           | 10.22 | 136  | 414004   | 20.00  | ng/ul  | 0.00     |
| 6) Acenaphthene-d10         | 14.12 | 164  | 206402   | 20.00  | ng/ul  | 0.00     |
| 12) Phenanthrene-d10        | 16.89 | 188  | 385963   | 20.00  | ng/ul  | 0.00     |
| 18) Chrysene-d12            | 21.11 | 240  | 377657   | 20.00  | ng/ul  | 0.00     |
| 23) Perylene-d12            | 23.27 | 264  | 381386   | 20.00  | ng/ul  | 0.00     |
| System Monitoring Compounds |       |      |          |        |        |          |
| 3) 2,4-Dichlorophenol-d3    | 9.89  | 165  | 130976   | 20.47  | ng/ul  | 0.00     |
| 7) Acenaphthylene-d8        | 13.81 | 160  | 523033   | 23.71  | ng/ul  | 0.00     |
| 10) Fluorene-d10            | 15.13 | 176  | 341741   | 23.65  | ng/ul  | 0.00     |
| 15) Anthracene-d10          | 16.99 | 188  | 485437m  | 26.27  | ng/ul  | 0.00     |
| 19) Pyrene-d10              | 19.30 | 212  | 505887   | 22.28  | ng/ul  | 0.00     |
| 26) Benzo(a)pyrene-d12      | 23.14 | 264  | 498454   | 27.02  | ng/ul  | 0.00     |
| Target Compounds            |       |      |          | Qvalue |        |          |
| 5) 2-Methylnaphthalene      | 11.90 | 142  | 28004    | 1.903  | ng/ul  | 90       |
| 14) Phenanthrene            | 16.93 | 178  | 83996    | 3.886  | ng/ul  | 96       |
| 17) Fluoranthene            | 18.97 | 202  | 152492   | 6.215  | ng/ul# | 91       |
| 20) Pyrene                  | 19.33 | 202  | 148465   | 5.227  | ng/ul  | 98       |
| 21) Benzo(a)anthracene      | 21.10 | 228  | 95259    | 3.989  | ng/ul# | 92       |
| 22) Chrysene                | 21.15 | 228  | 95087    | 4.330  | ng/ul# | 93       |
| 24) Benzo(b)fluoranthene    | 22.64 | 252  | 127633   | 5.323  | ng/ul# | 88       |
| 25) Benzo(k)fluoranthene    | 22.67 | 252  | 35867    | 1.574  | ng/ul# | 83       |
| 27) Benzo(a)pyrene          | 23.19 | 252  | 99681    | 4.380  | ng/ul# | 84       |
| 28) Indeno(1,2,3-cd)pyrene  | 25.42 | 276  | 72093m   | 2.752  | ng/ul  |          |
| 30) Benzo(g,h,i)perylene    | 26.08 | 276  | 73205m   | 3.508  | ng/ul  |          |

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

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