

Data Path : Z:\HPCHEM1\BNA\_M\DATA\BM031518\  
 Data File : BM014591.D  
 Acq On : 16 Mar 2018 00:03  
 Operator : SJ/JU  
 Sample : J1904-10  
 Misc :  
 ALS Vial : 20 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 BEL24

Manual Integrations  
 APPROVED

Sohil  
 3/16/2018 5:09:55 PM

Quant Time: Mar 26 12:07:00 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  | 99148    | 20.00  | ng/ul  | 0.00     |
| 2) Naphthalene-d8           | 10.22 | 136  | 412468   | 20.00  | ng/ul  | 0.00     |
| 6) Acenaphthene-d10         | 14.12 | 164  | 225635   | 20.00  | ng/ul  | 0.00     |
| 12) Phenanthrene-d10        | 16.88 | 188  | 453809   | 20.00  | ng/ul  | -0.01    |
| 18) Chrysene-d12            | 21.11 | 240  | 394091   | 20.00  | ng/ul  | 0.00     |
| 23) Perylene-d12            | 23.27 | 264  | 354049   | 20.00  | ng/ul  | -0.01    |
| System Monitoring Compounds |       |      |          |        |        |          |
| 3) 2,4-Dichlorophenol-d3    | 9.88  | 165  | 117457   | 18.43  | ng/ul  | 0.00     |
| 7) Acenaphthylene-d8        | 13.81 | 160  | 536140   | 22.23  | ng/ul  | 0.00     |
| 10) Fluorene-d10            | 15.13 | 176  | 343706   | 21.76  | ng/ul  | 0.00     |
| 15) Anthracene-d10          | 16.99 | 188  | 485619   | 22.35  | ng/ul  | 0.00     |
| 19) Pyrene-d10              | 19.30 | 212  | 494252   | 20.86  | ng/ul  | 0.00     |
| 26) Benzo(a)pyrene-d12      | 23.13 | 264  | 385002   | 22.48  | ng/ul  | -0.01    |
| Target Compounds            |       |      |          |        |        |          |
| 9) Acenaphthene             | 14.19 | 153  | 31891    | 2.082  | ng/ul# | 84       |
| 13) Pentachlorophenol       | 16.57 | 266  | 6019m    | 2.897  | ng/ul  |          |
| 14) Phenanthrene            | 16.93 | 178  | 679654   | 26.742 | ng/ul  | 99       |
| 16) Anthracene              | 17.02 | 178  | 124599m  | 4.904  | ng/ul  |          |
| 17) Fluoranthene            | 18.96 | 202  | 890041   | 30.852 | ng/ul# | 96       |
| 20) Pyrene                  | 19.33 | 202  | 673577   | 22.726 | ng/ul  | 97       |
| 21) Benzo(a)anthracene      | 21.09 | 228  | 379831   | 15.241 | ng/ul  | 99       |
| 22) Chrysene                | 21.14 | 228  | 335801   | 14.654 | ng/ul  | 95       |
| 24) Benzo(b)fluoranthene    | 22.63 | 252  | 401016   | 18.016 | ng/ul# | 98       |
| 25) Benzo(k)fluoranthene    | 22.67 | 252  | 122950   | 5.814  | ng/ul# | 96       |
| 27) Benzo(a)pyrene          | 23.17 | 252  | 263916   | 12.491 | ng/ul# | 99       |
| 28) Indeno(1,2,3-cd)pyrene  | 25.40 | 276  | 173551   | 7.137  | ng/ul  | 98       |
| 29) Dibenzo(a,h)anthracene  | 25.40 | 278  | 48150    | 2.366  | ng/ul# | 93       |
| 30) Benzo(g,h,i)perylene    | 26.07 | 276  | 149486   | 7.717  | ng/ul# | 98       |

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

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