

Data Path : Z:\HPCHEM1\BNA\_M\DATA\BM031717\  
 Data File : BM009279.D  
 Acq On : 17 Mar 2017 18:13  
 Operator : SJ/MA  
 Sample : I2285-01  
 Misc :  
 ALS Vial : 14 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 CB317

Manual Integrations  
 APPROVED

mohammad  
 3/20/2017 12:08:47 PM

Quant Time: Mar 18 00:56:47 2017  
 Quant Method : Z:\HPCHEM1\BNA\_M\METHODS\SOM-EPA-BM031717-PAH.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Sat Mar 18 00:39:50 2017  
 Response via : Initial Calibration

| Internal Standards          | R.T.  | QIon | Response | Conc   | Units  | Dev(Min) |
|-----------------------------|-------|------|----------|--------|--------|----------|
| 1) 1,4-Dichlorobenzene-d4   | 7.87  | 152  | 105796   | 20.00  | ng/ul  | 0.00     |
| 2) Naphthalene-d8           | 10.67 | 136  | 496106   | 20.00  | ng/ul  | 0.00     |
| 6) Acenaphthene-d10         | 14.52 | 164  | 351330   | 20.00  | ng/ul  | 0.00     |
| 12) Phenanthrene-d10        | 17.26 | 188  | 940652   | 20.00  | ng/ul  | 0.00     |
| 18) Chrysene-d12            | 21.43 | 240  | 1428621  | 20.00  | ng/ul  | 0.00     |
| 23) Perylene-d12            | 23.77 | 264  | 1475713  | 20.00  | ng/ul  | 0.00     |
| System Monitoring Compounds |       |      |          |        |        |          |
| 3) 2,4-Dichlorophenol-d3    | 10.29 | 165  | 23118    | 2.87   | ng/uL  | 0.00     |
| 7) Acenaphthylene-d8        | 14.21 | 160  | 747681   | 25.10  | ng/ul  | 0.00     |
| 10) Fluorene-d10            | 15.51 | 176  | 634859   | 24.31  | ng/ul  | 0.00     |
| 15) Anthracene-d10          | 17.36 | 188  | 1113638  | 24.92  | ng/ul  | 0.00     |
| 19) Pyrene-d10              | 19.65 | 212  | 1455047  | 25.40  | ng/ul  | 0.00     |
| 26) Benzo(a)pyrene-d12      | 23.62 | 264  | 1578026  | 23.52  | ng/ul  | 0.00     |
| Target Compounds            |       |      |          | Qvalue |        |          |
| 14) Phenanthrene            | 17.30 | 178  | 256302   | 4.84   | ng/ul  | 98       |
| 16) Anthracene              | 17.40 | 178  | 55678    | 1.01   | ng/ul  | 96       |
| 17) Fluoranthene            | 19.32 | 202  | 649938   | 9.68   | ng/ul  | 97       |
| 20) Pyrene                  | 19.68 | 202  | 575123   | 7.80   | ng/ul  | 94       |
| 21) Benzo(a)anthracene      | 21.42 | 228  | 392891   | 4.83   | ng/ul  | 98       |
| 22) Chrysene                | 21.47 | 228  | 375208   | 4.89   | ng/ul  | 94       |
| 24) Benzo(b)fluoranthene    | 23.06 | 252  | 590126   | 6.79   | ng/ul  | 96       |
| 25) Benzo(k)fluoranthene    | 23.10 | 252  | 139632m  | 1.70   | ng/ul  |          |
| 27) Benzo(a)pyrene          | 23.67 | 252  | 336611   | 4.03   | ng/ul  | 98       |
| 28) Indeno(1,2,3-cd)pyrene  | 26.13 | 276  | 240634   | 2.42   | ng/ul  | 95       |
| 30) Benzo(g,h,i)perylene    | 26.87 | 276  | 210423   | 2.55   | ng/ul# | 89       |

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

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