

Data Path : Z:\HPCHEM1\BNA M\DATA\BM040717\  
 Data File : BM009606.D  
 Acq On : 06 Apr 2017 22:35  
 Operator : SJ/MA  
 Sample : I2525-03  
 Misc :  
 ALS Vial : 23 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 CB346

Manual Integrations  
 APPROVED

mohammad  
 4/7/2017 2:10:27 PM

Quant Time: Apr 07 03:39:48 2017  
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM040417-PAH.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Fri Apr 07 03:19:28 2017  
 Response via : Initial Calibration

| Internal Standards          | R.T.  | QIon | Response | Conc  | Units  | Dev(Min)  |
|-----------------------------|-------|------|----------|-------|--------|-----------|
| 1) 1,4-Dichlorobenzene-d4   | 7.84  | 152  | 155701   | 20.00 | ng/ul  | 0.00      |
| 2) Naphthalene-d8           | 10.64 | 136  | 608231   | 20.00 | ng/ul  | 0.00      |
| 6) Acenaphthene-d10         | 14.49 | 164  | 349331   | 20.00 | ng/ul  | 0.00      |
| 12) Phenanthrene-d10        | 17.23 | 188  | 815099   | 20.00 | ng/ul  | 0.00      |
| 18) Chrysene-d12            | 21.42 | 240  | 1065822  | 20.00 | ng/ul  | 0.00      |
| 23) Perylene-d12            | 23.74 | 264  | 1029911  | 20.00 | ng/ul  | 0.00      |
| System Monitoring Compounds |       |      |          |       |        |           |
| 3) 2,4-Dichlorophenol-d3    | 10.25 | 165  | 225263   | 24.09 | ng/uL  | 0.00      |
| 7) Acenaphthylene-d8        | 14.18 | 160  | 1342068  | 39.20 | ng/ul  | 0.00      |
| 10) Fluorene-d10            | 15.48 | 176  | 961526   | 39.05 | ng/ul  | 0.00      |
| 15) Anthracene-d10          | 17.33 | 188  | 1528376  | 39.19 | ng/ul  | 0.00      |
| 19) Pyrene-d10              | 19.63 | 212  | 1817409  | 41.49 | ng/ul  | 0.00      |
| 26) Benzo(a)pyrene-d12      | 23.60 | 264  | 1861587  | 40.94 | ng/ul  | 0.00      |
| Target Compounds            |       |      |          |       |        |           |
| 14) Phenanthrene            | 17.28 | 178  | 519827   | 11.34 | ng/ul  | Qvalue 97 |
| 16) Anthracene              | 17.37 | 178  | 114339   | 2.41  | ng/ul  | 97        |
| 17) Fluoranthene            | 19.29 | 202  | 1113942  | 19.52 | ng/ul  | 96        |
| 20) Pyrene                  | 19.66 | 202  | 992892   | 17.11 | ng/ul  | 97        |
| 21) Benzo(a)anthracene      | 21.40 | 228  | 591475   | 9.82  | ng/ul  | 99        |
| 22) Chrysene                | 21.45 | 228  | 590596   | 10.69 | ng/ul  | 93        |
| 24) Benzo(b)fluoranthene    | 23.03 | 252  | 850045   | 13.35 | ng/ul  | 99        |
| 25) Benzo(k)fluoranthene    | 23.08 | 252  | 261868m  | 4.31  | ng/ul  |           |
| 27) Benzo(a)pyrene          | 23.64 | 252  | 544653   | 8.99  | ng/ul  | 98        |
| 28) Indeno(1,2,3-cd)pyrene  | 26.10 | 276  | 390704   | 5.75  | ng/ul# | 94        |
| 29) Dibenzo(a,h)anthracene  | 26.10 | 278  | 106967   | 1.85  | ng/ul# | 90        |
| 30) Benzo(a,h,i)perylene    | 26.83 | 276  | 351509   | 6.28  | ng/ul# | 88        |

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

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