

Data Path : Z:\HPCHEM1\BNA M\DATA\BM040717\  
 Data File : BM009603.D  
 Acq On : 06 Apr 2017 20:47  
 Operator : SJ/MA  
 Sample : I2526-02  
 Misc :  
 ALS Vial : 20 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 CB374

Manual Integrations  
 APPROVED

mohammad  
 4/7/2017 2:10:17 PM

Quant Time: Apr 07 03:31:45 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  | 146185   | 20.00 | ng/ul  | 0.00     |
| 2) Naphthalene-d8           | 10.63 | 136  | 592191   | 20.00 | ng/ul  | 0.00     |
| 6) Acenaphthene-d10         | 14.49 | 164  | 335153   | 20.00 | ng/ul  | 0.00     |
| 12) Phenanthrene-d10        | 17.23 | 188  | 792502   | 20.00 | ng/ul  | 0.00     |
| 18) Chrysene-d12            | 21.42 | 240  | 1046525  | 20.00 | ng/ul  | 0.00     |
| 23) Perylene-d12            | 23.74 | 264  | 1028724  | 20.00 | ng/ul  | 0.00     |
| System Monitoring Compounds |       |      |          |       |        |          |
| 3) 2,4-Dichlorophenol-d3    | 10.25 | 165  | 260878   | 28.65 | ng/uL  | 0.00     |
| 7) Acenaphthylene-d8        | 14.18 | 160  | 1085258  | 33.04 | ng/ul  | 0.00     |
| 10) Fluorene-d10            | 15.48 | 176  | 776655   | 32.87 | ng/ul  | 0.00     |
| 15) Anthracene-d10          | 17.33 | 188  | 1228616  | 32.40 | ng/ul  | 0.00     |
| 19) Pyrene-d10              | 19.63 | 212  | 1483228  | 34.49 | ng/ul  | 0.00     |
| 26) Benzo(a)pyrene-d12      | 23.59 | 264  | 1532367  | 33.74 | ng/ul  | 0.00     |
| Target Compounds            |       |      |          |       |        |          |
| 14) Phenanthrene            | 17.27 | 178  | 315664   | 7.08  | ng/ul  | 97       |
| 16) Anthracene              | 17.37 | 178  | 63653    | 1.38  | ng/ul  | 96       |
| 17) Fluoranthene            | 19.29 | 202  | 733274   | 13.21 | ng/ul# | 95       |
| 20) Pyrene                  | 19.66 | 202  | 692631   | 12.16 | ng/ul  | 97       |
| 21) Benzo(a)anthracene      | 21.40 | 228  | 430719   | 7.28  | ng/ul  | 97       |
| 22) Chrysene                | 21.45 | 228  | 417625   | 7.70  | ng/ul  | 98       |
| 24) Benzo(b)fluoranthene    | 23.04 | 252  | 590599   | 9.28  | ng/ul# | 97       |
| 25) Benzo(k)fluoranthene    | 23.07 | 252  | 230883m  | 3.81  | ng/ul  |          |
| 27) Benzo(a)pyrene          | 23.64 | 252  | 419936   | 6.94  | ng/ul  | 99       |
| 28) Indeno(1,2,3-cd)pyrene  | 26.10 | 276  | 292867   | 4.32  | ng/ul# | 92       |
| 29) Dibenzo(a,h)anthracene  | 26.11 | 278  | 84798m   | 1.47  | ng/ul  |          |
| 30) Benzo(a,h,i)perylene    | 26.83 | 276  | 285829   | 5.11  | ng/ul# | 91       |

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

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