

Data Path : Z:\HPCHEM1\BNA M\DATA\BM081215\  
 Data File : BM002350.D  
 Acq On : 12 Aug 2015 07:56  
 Operator : UM/IZ  
 Sample : G3162-20  
 Misc :  
 ALS Vial : 26 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 D9C85

Manual Integrations  
 APPROVED

MMDadoda  
 8/12/2015 2:36:11 PM

Quant Time: Aug 12 08:33:10 2015  
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM02.2-EPA-BM080715MA.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Wed Aug 12 04:50:31 2015  
 Response via : Initial Calibration

| Internal Standards          | R.T.  | QIon | Response | Conc  | Units  | Dev(Min)  |
|-----------------------------|-------|------|----------|-------|--------|-----------|
| 1) 1,4-Dichlorobenzene-d4   | 8.90  | 152  | 225765   | 20.00 | ng/ul  | 0.00      |
| 2) Naphthalene-d8           | 11.77 | 136  | 1057754  | 20.00 | ng/ul  | 0.00      |
| 6) Acenaphthene-d10         | 15.49 | 164  | 556699   | 20.00 | ng/ul  | 0.00      |
| 12) Phenanthrene-d10        | 18.19 | 188  | 1053820  | 20.00 | ng/ul  | 0.00      |
| 17) Chrysene-d12            | 22.28 | 240  | 733594   | 20.00 | ng/ul  | 0.00      |
| 22) Perylene-d12            | 24.97 | 264  | 675405   | 20.00 | ng/ul  | 0.00      |
| System Monitoring Compounds |       |      |          |       |        |           |
| 7) Acenaphthylene-d8        | 15.19 | 160  | 1550240  | 26.88 | ng/ul  | 0.00      |
| 10) Fluorene-d10            | 16.46 | 176  | 995090   | 24.81 | ng/ul  | 0.00      |
| 14) Anthracene-d10          | 18.29 | 188  | 1340227  | 26.21 | ng/ul  | 0.00      |
| 18) Pyrene-d10              | 20.51 | 212  | 1100068  | 30.92 | ng/ul  | 0.00      |
| 25) Benzo(a)pyrene-d12      | 24.80 | 264  | 813162   | 22.67 | ng/ul  | 0.00      |
| Target Compounds            |       |      |          |       |        |           |
| 13) Phenanthrene            | 18.23 | 178  | 540746   | 8.92  | ng/ul  | Ovalue 99 |
| 15) Anthracene              | 18.33 | 178  | 123959   | 1.98  | ng/ul  | 99        |
| 16) Fluoranthene            | 20.18 | 202  | 1381828  | 20.58 | ng/ul  | 99        |
| 19) Pyrene                  | 20.54 | 202  | 1098383  | 23.16 | ng/ul  | 97        |
| 20) Benzo(a)anthracene      | 22.26 | 228  | 703128   | 15.70 | ng/ul  | 99        |
| 21) Chrysene                | 22.32 | 228  | 635634   | 14.98 | ng/ul  | 97        |
| 23) Benzo(b)fluoranthene    | 24.14 | 252  | 774315   | 18.45 | ng/ul  | 99        |
| 24) Benzo(k)fluoranthene    | 24.19 | 252  | 242411m  | 6.01  | ng/ul  |           |
| 26) Benzo(a)pyrene          | 24.86 | 252  | 484020   | 12.05 | ng/ul  | 98        |
| 27) Indeno(1,2,3-cd)pyrene  | 27.81 | 276  | 322166   | 7.00  | ng/ul  | 95        |
| 28) Dibenzo(a,h)anthracene  | 27.81 | 278  | 95250    | 2.44  | ng/ul# | 73        |
| 29) Benzo(g,h,i)perylene    | 28.70 | 276  | 307767   | 7.92  | ng/ul  | 99        |

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

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