

Data Path : Z:\HPCHEM1\BNA\_M\DATA\BM083115\  
 Data File : BM002607.D  
 Acq On : 01 Sep 2015 02:06  
 Operator : UM/IZ  
 Sample : G3456-16  
 Misc :  
 ALS Vial : 21 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 D9EA0

Manual Integrations  
 APPROVED

MMDadoda  
 9/1/2015 2:58:02 PM

Quant Time: Sep 01 03:26:09 2015  
 Quant Method : Z:\HPCHEM1\BNA\_M\METHODS\SOM02.2-EPA-BM081415MA.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Tue Sep 01 02:00:58 2015  
 Response via : Initial Calibration

| Internal Standards          | R.T.  | QIon | Response | Conc  | Units  | Dev(Min)  |
|-----------------------------|-------|------|----------|-------|--------|-----------|
| 1) 1,4-Dichlorobenzene-d4   | 8.78  | 152  | 113910   | 20.00 | ng/ul  | 0.00      |
| 2) Naphthalene-d8           | 11.65 | 136  | 501968   | 20.00 | ng/ul  | 0.00      |
| 6) Acenaphthene-d10         | 15.37 | 164  | 264973   | 20.00 | ng/ul  | 0.00      |
| 12) Phenanthrene-d10        | 18.07 | 188  | 512248   | 20.00 | ng/ul  | 0.00      |
| 17) Chrysene-d12            | 22.16 | 240  | 507206   | 20.00 | ng/ul  | 0.00      |
| 22) Perylene-d12            | 24.79 | 264  | 431601   | 20.00 | ng/ul  | 0.00      |
| System Monitoring Compounds |       |      |          |       |        |           |
| 7) Acenaphthylene-d8        | 15.07 | 160  | 390162   | 14.40 | ng/ul  | 0.00      |
| 10) Fluorene-d10            | 16.34 | 176  | 252930   | 13.29 | ng/ul  | 0.00      |
| 14) Anthracene-d10          | 18.17 | 188  | 348060   | 14.09 | ng/ul  | 0.00      |
| 18) Pyrene-d10              | 20.40 | 212  | 328323   | 14.60 | ng/ul  | 0.00      |
| 25) Benzo(a)pyrene-d12      | 24.61 | 264  | 256028   | 11.29 | ng/ul  | 0.00      |
| Target Compounds            |       |      |          |       |        |           |
| 8) Acenaphthylene           | 15.10 | 152  | 52753    | 1.86  | ng/ul  | Qvalue 98 |
| 13) Phenanthrene            | 18.12 | 178  | 252804   | 8.55  | ng/ul  | 99        |
| 15) Anthracene              | 18.21 | 178  | 66546    | 2.22  | ng/ul  | 99        |
| 16) Fluoranthene            | 20.07 | 202  | 482218   | 14.40 | ng/ul  | 96        |
| 19) Pyrene                  | 20.43 | 202  | 412755   | 13.89 | ng/ul  | 99        |
| 20) Benzo(a)anthracene      | 22.14 | 228  | 243782   | 8.04  | ng/ul  | 99        |
| 21) Chrysene                | 22.20 | 228  | 241849   | 8.53  | ng/ul  | 97        |
| 23) Benzo(b)fluoranthene    | 23.97 | 252  | 301320   | 11.55 | ng/ul  | 97        |
| 24) Benzo(k)fluoranthene    | 24.02 | 252  | 100656m  | 4.07  | ng/ul  |           |
| 26) Benzo(a)pyrene          | 24.67 | 252  | 201604   | 8.09  | ng/ul  | 96        |
| 27) Indeno(1,2,3-cd)pyrene  | 27.55 | 276  | 157701   | 5.50  | ng/ul  | 96        |
| 28) Dibenzo(a,h)anthracene  | 27.54 | 278  | 45394    | 1.89  | ng/ul# | 73        |
| 29) Benzo(g,h,i)perylene    | 28.41 | 276  | 149737   | 6.28  | ng/ul  | 99        |

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

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