

Data Path : Z:\HPCHEM1\BNA M\DATA\BM081215\  
 Data File : BM002362.D  
 Acq On : 12 Aug 2015 15:48  
 Operator : UM/IZ  
 Sample : G3163-08  
 Misc :  
 ALS Vial : 12 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 D9C95

Manual Integrations  
 APPROVED

MMDadoda  
 8/13/2015 10:57:13 AM

Quant Time: Aug 12 18:15:51 2015  
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM02.2-EPA-BM080715MA.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Wed Aug 12 17:25:11 2015  
 Response via : Initial Calibration

| Internal Standards          | R.T.  | QIon | Response | Conc  | Units  | Dev(Min) |
|-----------------------------|-------|------|----------|-------|--------|----------|
| 1) 1,4-Dichlorobenzene-d4   | 8.90  | 152  | 190193   | 20.00 | ng/ul  | 0.00     |
| 2) Naphthalene-d8           | 11.77 | 136  | 929980   | 20.00 | ng/ul  | 0.00     |
| 6) Acenaphthene-d10         | 15.49 | 164  | 507968   | 20.00 | ng/ul  | 0.00     |
| 12) Phenanthrene-d10        | 18.20 | 188  | 939045   | 20.00 | ng/ul  | 0.00     |
| 17) Chrysene-d12            | 22.29 | 240  | 680066   | 20.00 | ng/ul  | 0.00     |
| 22) Perylene-d12            | 24.99 | 264  | 658551   | 20.00 | ng/ul  | 0.02     |
| System Monitoring Compounds |       |      |          |       |        |          |
| 7) Acenaphthylene-d8        | 15.19 | 160  | 1391453  | 26.44 | ng/ul  | 0.00     |
| 10) Fluorene-d10            | 16.46 | 176  | 925078   | 25.28 | ng/ul  | 0.00     |
| 14) Anthracene-d10          | 18.29 | 188  | 1205091  | 26.45 | ng/ul  | 0.00     |
| 18) Pyrene-d10              | 20.52 | 212  | 1006219  | 30.51 | ng/ul  | 0.00     |
| 25) Benzo(a)pyrene-d12      | 24.82 | 264  | 890723   | 25.47 | ng/ul  | 0.02     |
| Target Compounds            |       |      |          |       |        |          |
|                             |       |      |          |       | Ovalue |          |
| 3) Naphthalene              | 11.83 | 128  | 57092    | 1.17  | ng/ul  | 99       |
| 4) 2-Methylnaphthalene      | 13.37 | 142  | 41685    | 1.19  | ng/ul  | 99       |
| 13) Phenanthrene            | 18.24 | 178  | 313685   | 5.80  | ng/ul  | 100      |
| 15) Anthracene              | 18.33 | 178  | 70269    | 1.26  | ng/ul  | 96       |
| 16) Fluoranthene            | 20.19 | 202  | 527788   | 8.82  | ng/ul  | 98       |
| 19) Pyrene                  | 20.54 | 202  | 415614   | 9.45  | ng/ul  | 96       |
| 20) Benzo(a)anthracene      | 22.27 | 228  | 234975   | 5.66  | ng/ul  | 96       |
| 21) Chrysene                | 22.33 | 228  | 249469m  | 6.34  | ng/ul  |          |
| 23) Benzo(b)fluoranthene    | 24.16 | 252  | 374185   | 9.14  | ng/ul# | 93       |
| 24) Benzo(k)fluoranthene    | 24.20 | 252  | 104760m  | 2.67  | ng/ul  |          |
| 26) Benzo(a)pyrene          | 24.87 | 252  | 213744   | 5.46  | ng/ul# | 90       |
| 27) Indeno(1,2,3-cd)pyrene  | 27.85 | 276  | 173521   | 3.87  | ng/ul  | 99       |
| 28) Dibenzo(a,h)anthracene  | 27.86 | 278  | 50579    | 1.33  | ng/ul# | 62       |
| 29) Benzo(a,h,i)perylene    | 28.74 | 276  | 168497   | 4.45  | ng/ul  | 93       |

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

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