

Data Path : Z:\HPCHEM1\BNA\_M\DATA\BM081415\  
 Data File : BM002433.D  
 Acq On : 15 Aug 2015 20:14  
 Operator : UM/IZ  
 Sample : G3219-12MS  
 Misc :  
 ALS Vial : 39 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 D9DA4MS

Manual Integrations  
 APPROVED

MMDadoda  
 8/17/2015 2:46:43 PM

Quant Time: Aug 17 05:57:17 2015  
 Quant Method : Z:\HPCHEM1\BNA\_M\METHODS\SOM02.2-EPA-BM081415MA.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Mon Aug 17 05:12:59 2015  
 Response via : Initial Calibration

| Internal Standards          | R.T.  | QIon | Response | Conc   | Units | Dev(Min)  |
|-----------------------------|-------|------|----------|--------|-------|-----------|
| 1) 1,4-Dichlorobenzene-d4   | 8.87  | 152  | 153689   | 20.00  | ng/ul | 0.00      |
| 2) Naphthalene-d8           | 11.75 | 136  | 721465   | 20.00  | ng/ul | 0.00      |
| 6) Acenaphthene-d10         | 15.45 | 164  | 380957   | 20.00  | ng/ul | 0.00      |
| 12) Phenanthrene-d10        | 18.16 | 188  | 772267   | 20.00  | ng/ul | 0.00      |
| 17) Chrysene-d12            | 22.24 | 240  | 535555   | 20.00  | ng/ul | 0.00      |
| 22) Perylene-d12            | 24.92 | 264  | 503850m  | 20.00  | ng/ul | 0.02      |
| System Monitoring Compounds |       |      |          |        |       |           |
| 7) Acenaphthylene-d8        | 15.16 | 160  | 611912   | 15.71  | ng/ul | 0.00      |
| 10) Fluorene-d10            | 16.42 | 176  | 412334   | 15.07  | ng/ul | 0.00      |
| 14) Anthracene-d10          | 18.26 | 188  | 583289   | 15.66  | ng/ul | 0.00      |
| 18) Pyrene-d10              | 20.47 | 212  | 497888   | 20.97  | ng/ul | 0.00      |
| 25) Benzo(a)pyrene-d12      | 24.74 | 264  | 358628m  | 13.55  | ng/ul | 0.02      |
| Target Compounds            |       |      |          |        |       |           |
| 9) Acenaphthene             | 15.52 | 153  | 393715   | 14.66  | ng/ul | Qvalue 99 |
| 13) Phenanthrene            | 18.20 | 178  | 338263   | 7.59   | ng/ul | 100       |
| 15) Anthracene              | 18.29 | 178  | 69751    | 1.54   | ng/ul | 98        |
| 16) Fluoranthene            | 20.15 | 202  | 1437906  | 28.48  | ng/ul | 99        |
| 19) Pyrene                  | 20.50 | 202  | 1997018  | 63.65  | ng/ul | 99        |
| 20) Benzo(a)anthracene      | 22.22 | 228  | 1633714  | 51.01  | ng/ul | 98        |
| 21) Chrysene                | 22.29 | 228  | 2025973  | 67.63  | ng/ul | 98        |
| 23) Benzo(b)fluoranthene    | 24.10 | 252  | 4010480m | 131.66 | ng/ul |           |
| 24) Benzo(k)fluoranthene    | 24.14 | 252  | 1205327m | 41.76  | ng/ul |           |
| 26) Benzo(a)pyrene          | 24.81 | 252  | 2501533m | 85.98  | ng/ul |           |
| 27) Indeno(1,2,3-cd)pyrene  | 27.77 | 276  | 2251967m | 67.30  | ng/ul |           |
| 28) Dibenzo(a,h)anthracene  | 27.76 | 278  | 775078m  | 27.71  | ng/ul |           |
| 29) Benzo(g,h,i)perylene    | 28.67 | 276  | 2131727m | 76.54  | ng/ul |           |

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

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