

Data Path : Z:\HPCHEM1\BNA\_M\DATA\BM083115\  
 Data File : BM002605.D  
 Acq On : 01 Sep 2015 00:53  
 Operator : UM/IZ  
 Sample : G3457-14  
 Misc :  
 ALS Vial : 19 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 D9EB8

Manual Integrations  
 APPROVED

MMDadoda  
 9/1/2015 2:57:52 PM

Quant Time: Sep 01 02:17:43 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  | 147417   | 20.00 | ng/ul  | 0.00       |
| 2) Naphthalene-d8           | 11.65 | 136  | 660937   | 20.00 | ng/ul  | 0.00       |
| 6) Acenaphthene-d10         | 15.37 | 164  | 330014   | 20.00 | ng/ul  | 0.00       |
| 12) Phenanthrene-d10        | 18.07 | 188  | 616268   | 20.00 | ng/ul  | 0.00       |
| 17) Chrysene-d12            | 22.16 | 240  | 442017   | 20.00 | ng/ul  | 0.00       |
| 22) Perylene-d12            | 24.78 | 264  | 434635   | 20.00 | ng/ul  | -0.01      |
| System Monitoring Compounds |       |      |          |       |        |            |
| 7) Acenaphthylene-d8        | 15.07 | 160  | 465032   | 13.78 | ng/ul  | 0.00       |
| 10) Fluorene-d10            | 16.34 | 176  | 291081   | 12.28 | ng/ul  | 0.00       |
| 14) Anthracene-d10          | 18.17 | 188  | 387085   | 13.02 | ng/ul  | 0.00       |
| 18) Pyrene-d10              | 20.40 | 212  | 275279   | 14.05 | ng/ul  | 0.00       |
| 25) Benzo(a)pyrene-d12      | 24.61 | 264  | 203237   | 8.90  | ng/ul  | -0.01      |
| Target Compounds            |       |      |          |       |        |            |
| 13) Phenanthrene            | 18.12 | 178  | 68895    | 1.94  | ng/ul  | Qvalue 100 |
| 16) Fluoranthene            | 20.07 | 202  | 95323    | 2.37  | ng/ul  | 96         |
| 19) Pyrene                  | 20.43 | 202  | 74143    | 2.86  | ng/ul  | 100        |
| 20) Benzo(a)anthracene      | 22.14 | 228  | 32121    | 1.22  | ng/ul  | 97         |
| 21) Chrysene                | 22.20 | 228  | 36770m   | 1.49  | ng/ul  |            |
| 23) Benzo(b)fluoranthene    | 23.97 | 252  | 49790    | 1.89  | ng/ul# | 95         |
| 26) Benzo(a)pyrene          | 24.66 | 252  | 32019    | 1.28  | ng/ul# | 89         |
| 29) Benzo(g,h,i)perylene    | 28.41 | 276  | 24937    | 1.04  | ng/ul  | 93         |

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

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