

Data Path : Z:\HPCHEM1\BNA\_M\DATA\BM081415\  
 Data File : BM002411.D  
 Acq On : 15 Aug 2015 06:43  
 Operator : UM/IZ  
 Sample : G3219-20  
 Misc :  
 ALS Vial : 18 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 D9DB1

Manual Integrations  
 APPROVED

MMDadoda  
 8/17/2015 2:44:36 PM

Quant Time: Aug 17 03:01:36 2015  
 Quant Method : Z:\HPCHEM1\BNA\_M\METHODS\SOM02.2-EPA-BM081415MA.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Mon Aug 17 02:54:04 2015  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 8.87  | 152  | 141182   | 20.00 | ng/ul | 0.00     |
| 2) Naphthalene-d8         | 11.73 | 136  | 678969   | 20.00 | ng/ul | 0.00     |
| 6) Acenaphthene-d10       | 15.44 | 164  | 371954   | 20.00 | ng/ul | 0.00     |
| 12) Phenanthrene-d10      | 18.15 | 188  | 789889   | 20.00 | ng/ul | 0.00     |
| 17) Chrysene-d12          | 22.22 | 240  | 778797   | 20.00 | ng/ul | 0.00     |
| 22) Perylene-d12          | 24.88 | 264  | 606979   | 20.00 | ng/ul | 0.00     |

| System Monitoring Compounds | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|-----------------------------|-------|------|----------|-------|-------|----------|
| 7) Acenaphthylene-d8        | 15.15 | 160  | 804313   | 21.15 | ng/ul | 0.00     |
| 10) Fluorene-d10            | 16.42 | 176  | 542371   | 20.31 | ng/ul | 0.00     |
| 14) Anthracene-d10          | 18.24 | 188  | 783868   | 20.57 | ng/ul | 0.00     |
| 18) Pyrene-d10              | 20.46 | 212  | 825135   | 23.90 | ng/ul | 0.00     |
| 25) Benzo(a)pyrene-d12      | 24.71 | 264  | 644629   | 20.22 | ng/ul | 0.00     |

| Target Compounds           | R.T.  | QIon | Response | Conc | Units  | Qvalue |
|----------------------------|-------|------|----------|------|--------|--------|
| 13) Phenanthrene           | 18.19 | 178  | 87366    | 1.92 | ng/ul  | 99     |
| 16) Fluoranthene           | 20.13 | 202  | 188392   | 3.65 | ng/ul  | 99     |
| 19) Pyrene                 | 20.49 | 202  | 167047   | 3.66 | ng/ul  | 99     |
| 20) Benzo(a)anthracene     | 22.20 | 228  | 95938    | 2.06 | ng/ul  | 98     |
| 21) Chrysene               | 22.26 | 228  | 115319   | 2.65 | ng/ul  | 97     |
| 23) Benzo(b)fluoranthene   | 24.06 | 252  | 161377   | 4.40 | ng/ul# | 96     |
| 24) Benzo(k)fluoranthene   | 24.10 | 252  | 38961m   | 1.12 | ng/ul  |        |
| 26) Benzo(a)pyrene         | 24.76 | 252  | 82525    | 2.35 | ng/ul  | 96     |
| 27) Indeno(1,2,3-cd)pyrene | 27.68 | 276  | 63243    | 1.57 | ng/ul  | 95     |
| 29) Benzo(g,h,i)perylene   | 28.55 | 276  | 60851    | 1.81 | ng/ul  | 96     |

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

Data Path : Z:\HPCHEM1\BNA\_M\DATA\BM081415\  
Data File : BM002411.D  
Acq On : 15 Aug 2015 06:43  
Operator : UM/IZ  
Sample : G3219-20  
Misc :  
ALS Vial : 18 Sample Multiplier: 1

Instrument :  
BNA\_M  
ClientSampleId :  
D9DB1

Manual Integrations  
APPROVED

MMDadoda  
8/17/2015 2:44:36 PM

Quant Time: Aug 17 03:01:36 2015  
Quant Method : Z:\HPCHEM1\BNA\_M\METHODS\SOM02.2-EPA-BM081415MA.M  
Quant Title : SVOA CALIBRATION  
QLast Update : Mon Aug 17 02:54:04 2015  
Response via : Initial Calibration

