

Data Path : Z:\HPCHEM1\BNA\_M\DATA\BM090315\  
 Data File : BM002657.D  
 Acq On : 03 Sep 2015 20:42  
 Operator : UM/IZ  
 Sample : MDL-07-W  
 Misc :  
 ALS Vial : 10 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 MDL-07-W

Quant Time: Sep 04 04:30:35 2015  
 Quant Method : Z:\HPCHEM1\BNA\_M\METHODS\SOM02.2-EPA-SIM-BM90315.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Thu Sep 03 14:33:37 2015  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc | Units | Dev(Min) |
|---------------------------|-------|------|----------|------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 8.78  | 152  | 8149     | 0.40 | ng/ul | 0.00     |
| 4) Naphthalene-d8         | 11.64 | 136  | 30392    | 0.40 | ng/ul | 0.00     |
| 8) Acenaphthene-d10       | 15.36 | 164  | 12426    | 0.40 | ng/ul | 0.00     |
| 12) Phenanthrene-d10      | 18.08 | 188  | 22985    | 0.40 | ng/ul | 0.00     |
| 18) Chrysene-d12          | 22.16 | 240  | 21610    | 0.40 | ng/ul | 0.00     |
| 22) Perylene-d12          | 24.78 | 264  | 21209    | 0.40 | ng/ul | 0.00     |

| System Monitoring Compounds | R.T.  | QIon | Response | Conc | Units | Dev(Min) |
|-----------------------------|-------|------|----------|------|-------|----------|
| 2) 1,4-Dioxane-d8           | 0.00  | 96   | 0d       | 0.00 | ng/uL |          |
| 6) 2-Methylnaphthalene-d10  | 13.17 | 152  | 17482    | 0.43 | ng/ul | 0.00     |
| 16) Fluoranthene-d10        | 20.05 | 212  | 26988    | 0.51 | ng/ul | 0.00     |

| Target Compounds           | R.T.  | QIon | Response | Conc | Units  | Qvalue |
|----------------------------|-------|------|----------|------|--------|--------|
| 5) Naphthalene             | 11.69 | 128  | 4745     | 0.06 | ng/ul  | 95     |
| 7) 2-Methylnaphthalene     | 13.25 | 142  | 3547     | 0.07 | ng/ul  | 93     |
| 9) Acenaphthylene          | 15.09 | 152  | 4157     | 0.06 | ng/ul  | 98     |
| 10) Acenaphthene           | 15.42 | 153  | 2784     | 0.06 | ng/ul  | 97     |
| 11) Fluorene               | 16.39 | 166  | 2984     | 0.06 | ng/ul# | 94     |
| 14) Phenanthrene           | 18.11 | 178  | 4439     | 0.06 | ng/ul  | 96     |
| 15) Anthracene             | 18.20 | 178  | 4266     | 0.06 | ng/ul  | 95     |
| 17) Fluoranthene           | 20.07 | 202  | 5067     | 0.07 | ng/ul  | 90     |
| 19) Pyrene                 | 20.42 | 202  | 5154     | 0.06 | ng/ul# | 93     |
| 20) Benzo(a)anthracene     | 22.14 | 228  | 4890     | 0.07 | ng/ul# | 92     |
| 21) Chrysene               | 22.20 | 228  | 4717     | 0.07 | ng/ul# | 92     |
| 23) Benzo(b)fluoranthene   | 23.97 | 252  | 5336     | 0.07 | ng/ul# | 58     |
| 24) Benzo(k)fluoranthene   | 24.01 | 252  | 4788     | 0.07 | ng/ul# | 57     |
| 25) Benzo(a)pyrene         | 24.66 | 252  | 4704     | 0.07 | ng/ul# | 54     |
| 26) Indeno(1,2,3-cd)pyrene | 27.55 | 276  | 5578     | 0.07 | ng/ul  | 96     |
| 27) Dibenzo(a,h)anthracene | 27.55 | 278  | 4526     | 0.07 | ng/ul# | 74     |
| 28) Benzo(g,h,i)perylene   | 28.41 | 276  | 4768     | 0.07 | ng/ul# | 79     |

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

Data Path : Z:\HPCHEM1\BNA\_M\DATA\BM090315\  
Data File : BM002657.D  
Acq On : 03 Sep 2015 20:42  
Operator : UM/IZ  
Sample : MDL-07-W  
Misc :  
ALS Vial : 10 Sample Multiplier: 1

Instrument :  
BNA\_M  
ClientSampleId :  
MDL-07-W

Quant Time: Sep 04 04:30:35 2015  
Quant Method : Z:\HPCHEM1\BNA\_M\METHODS\SOM02.2-EPA-SIM-BM90315.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Thu Sep 03 14:33:37 2015  
Response via : Initial Calibration

