

Data Path : Z:\HPCHEM1\BNA\_E\DATA\BE072115\  
 Data File : BE090188.D  
 Acq On : 20 Jul 2015 23:07  
 Operator : TP/IZ  
 Sample : MDL-03-W  
 Misc : MDL-WATER-SIM2.2-0.07PPM  
 ALS Vial : 11 Sample Multiplier: 1

Quant Time: Jul 21 05:42:43 2015

Quant Method : Z:\HPCHEM1\BNA\_E\METHODS\SOM02.2-EPA-SIM-BE072115.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Tue Jul 21 05:15:45 2015

Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc | Units | Dev(Min) |
|---------------------------|-------|------|----------|------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 7.61  | 152  | 961      | 0.40 | ng/ul | 0.00     |
| 2) Naphthalene-d8         | 10.37 | 136  | 4505     | 0.40 | ng/ul | 0.00     |
| 6) Acenaphthene-d10       | 14.21 | 164  | 2577     | 0.40 | ng/ul | 0.00     |
| 10) Phenanthrene-d10      | 16.94 | 188  | 6763     | 0.40 | ng/ul | 0.00     |
| 16) Chrysene-d12          | 21.12 | 240  | 6286     | 0.40 | ng/ul | 0.00     |
| 20) Perylene-d12          | 23.43 | 264  | 5275     | 0.40 | ng/ul | 0.00     |

#### System Monitoring Compounds

|                            |       |     |      |      |       |      |
|----------------------------|-------|-----|------|------|-------|------|
| 4) 2-Methylnaphthalene-d10 | 11.96 | 152 | 2796 | 0.39 | ng/ul | 0.00 |
| 14) Fluoranthene-d10       | 18.97 | 212 | 7847 | 0.38 | ng/ul | 0.00 |

#### Target Compounds

|                            |       |     |       |      |        | Qvalue |
|----------------------------|-------|-----|-------|------|--------|--------|
| 3) Naphthalene             | 10.42 | 128 | 682   | 0.06 | ng/ul# | 77     |
| 5) 2-Methylnaphthalene     | 12.03 | 142 | 446   | 0.06 | ng/ul  | 98     |
| 7) Acenaphthylene          | 13.93 | 152 | 2979  | 0.06 | ng/ul# | 86     |
| 8) Acenaphthene            | 14.27 | 153 | 2155  | 0.06 | ng/ul  | 94     |
| 9) Fluorene                | 15.27 | 166 | 629   | 0.05 | ng/ul# | 91     |
| 12) Phenanthrene           | 16.99 | 178 | 4322  | 0.06 | ng/ul# | 88     |
| 13) Anthracene             | 17.07 | 178 | 4170  | 0.06 | ng/ul# | 85     |
| 15) Fluoranthene           | 19.00 | 202 | 5149  | 0.06 | ng/ul  | 87     |
| 17) Pyrene                 | 19.36 | 202 | 5152  | 0.06 | ng/ul  | 93     |
| 18) Benzo(a)anthracene     | 21.10 | 228 | 714   | 0.04 | ng/ul# | 83     |
| 19) Chrysene               | 21.15 | 228 | 1304m | 0.07 | ng/ul  |        |
| 21) Benzo(b)fluoranthene   | 22.72 | 252 | 456   | 0.03 | ng/ul# | 60     |
| 22) Benzo(k)fluoranthene   | 22.77 | 252 | 839m  | 0.04 | ng/ul  |        |
| 23) Benzo(a)pyrene         | 23.32 | 252 | 505   | 0.03 | ng/ul# | 44     |
| 24) Indeno(1,2,3-cd)pyrene | 25.83 | 276 | 1771  | 0.02 | ng/ul  | 97     |
| 25) Dibenzo(a,h)anthracene | 25.85 | 278 | 312   | 0.02 | ng/ul# | 26     |
| 26) Benzo(g,h,i)perylene   | 26.56 | 276 | 2548  | 0.04 | ng/ul# | 57     |

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

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