

Data Path : Z:\HPCHEM1\BNA\_E\DATA\BE073015\  
 Data File : BE090297.D  
 Acq On : 30 Jul 2015 14:37  
 Operator : TP/IZ  
 Sample : MDL-05-W  
 Misc : MDL-SIM2.2-WATER-0.15PPM  
 ALS Vial : 7 Sample Multiplier: 1

Instrument :  
 BNA\_E  
 ClientSampleId :  
 MDL-05-W

Manual Integrations  
 APPROVED

MMDadoda  
 7/31/2015 3:07:36 PM

Quant Time: Jul 31 06:35:56 2015  
 Quant Method : Z:\HPCHEM1\BNA\_E\METHODS\SOM02.2-EPA-SIM-BE072815.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Fri Jul 31 06:10:41 2015  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc | Units | Dev(Min) |
|---------------------------|-------|------|----------|------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 7.60  | 152  | 815      | 0.40 | ng/ul | 0.00     |
| 2) Naphthalene-d8         | 10.36 | 136  | 3463     | 0.40 | ng/ul | 0.01     |
| 6) Acenaphthene-d10       | 14.21 | 164  | 1991     | 0.40 | ng/ul | 0.00     |
| 10) Phenanthrene-d10      | 16.94 | 188  | 4444     | 0.40 | ng/ul | 0.00     |
| 16) Chrysene-d12          | 21.11 | 240  | 2601     | 0.40 | ng/ul | 0.00     |
| 20) Perylene-d12          | 23.43 | 264  | 1465     | 0.40 | ng/ul | 0.00     |

| System Monitoring Compounds | R.T.  | QIon | Response | Conc | Units | Dev(Min) |
|-----------------------------|-------|------|----------|------|-------|----------|
| 4) 2-Methylnaphthalene-d10  | 11.95 | 152  | 1960     | 0.37 | ng/ul | 0.01     |
| 14) Fluoranthene-d10        | 18.97 | 212  | 4862     | 0.40 | ng/ul | 0.00     |

| Target Compounds           | R.T.  | QIon | Response | Conc | Units  | Qvalue |
|----------------------------|-------|------|----------|------|--------|--------|
| 3) Naphthalene             | 10.41 | 128  | 1078     | 0.12 | ng/ul# | 88     |
| 5) 2-Methylnaphthalene     | 12.03 | 142  | 671      | 0.11 | ng/ul  | 96     |
| 7) Acenaphthylene          | 13.92 | 152  | 4887     | 0.12 | ng/ul# | 91     |
| 8) Acenaphthene            | 14.27 | 153  | 3616     | 0.12 | ng/ul  | 99     |
| 9) Fluorene                | 15.26 | 166  | 955      | 0.12 | ng/ul# | 97     |
| 11) Pentachlorophenol      | 16.61 | 266  | 71       | 0.25 | ng/ul  | 97     |
| 12) Phenanthrene           | 16.98 | 178  | 5608     | 0.12 | ng/ul# | 89     |
| 13) Anthracene             | 17.07 | 178  | 5780     | 0.12 | ng/ul# | 88     |
| 15) Fluoranthene           | 19.00 | 202  | 7061     | 0.13 | ng/ul  | 95     |
| 17) Pyrene                 | 19.36 | 202  | 7429     | 0.15 | ng/ul  | 94     |
| 18) Benzo(a)anthracene     | 21.10 | 228  | 461      | 0.12 | ng/ul# | 83     |
| 19) Chrysene               | 21.15 | 228  | 1853m    | 0.16 | ng/ul  |        |
| 21) Benzo(b)fluoranthene   | 22.72 | 252  | 260      | 0.12 | ng/ul# | 57     |
| 22) Benzo(k)fluoranthene   | 22.77 | 252  | 842m     | 0.12 | ng/ul  |        |
| 23) Benzo(a)pyrene         | 23.33 | 252  | 406m     | 0.14 | ng/ul  |        |
| 24) Indeno(1,2,3-cd)pyrene | 25.81 | 276  | 692      | 0.07 | ng/ul# | 91     |
| 25) Dibenzo(a,h)anthracene | 25.85 | 278  | 137m     | 0.12 | ng/ul  |        |
| 26) Benzo(g,h,i)perylene   | 26.56 | 276  | 1234     | 0.09 | ng/ul# | 55     |

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

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