

Data Path : Z:\HPCHEM1\BNA\_E\DATA\BE021015\  
 Data File : BE089566.D  
 Acq On : 11 Feb 2015 2:14  
 Operator : TP/IZ  
 Sample : MDL-05-W  
 Misc : MDL-WATER-0.1/0.2  
 ALS Vial : 31 Sample Multiplier: 1

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

Quant Time: Feb 11 03:08:30 2015  
 Quant Method : Z:\HPCHEM1\BNA\_E\METHODS\SIMPAH-BE021015.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Wed Feb 11 01:27:13 2015  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc | Units | Dev(Min) |
|---------------------------|-------|------|----------|------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 9.41  | 152  | 50609    | 5.00 | ng    | 0.00     |
| 2) Naphthalene-d8         | 12.32 | 136  | 181693   | 5.00 | ng    | 0.00     |
| 6) Acenaphthene-d10       | 16.50 | 164  | 72208    | 5.00 | ng    | 0.00     |
| 11) Phenanthrene-d10      | 19.84 | 188  | 110788   | 5.00 | ng    | 0.00     |
| 16) Chrysene-d12          | 23.71 | 240  | 142745   | 5.00 | ng    | 0.00     |
| 22) Perylene-d12          | 25.40 | 264  | 162886   | 5.00 | ng    | 0.00     |

|                             |       |     |        |      |    |      |
|-----------------------------|-------|-----|--------|------|----|------|
| System Monitoring Compounds |       |     |        |      |    |      |
| 3) Nitrobenzene-d5          | 10.68 | 82  | 98617  | 8.47 | ng | 0.00 |
| 7) 2-Fluorobiphenyl         | 14.95 | 172 | 136254 | 6.96 | ng | 0.00 |
| 18) Terphenyl-d14           | 22.35 | 244 | 136951 | 7.70 | ng | 0.00 |

|                            |       |     |       |      |    |        |
|----------------------------|-------|-----|-------|------|----|--------|
| Target Compounds           |       |     |       |      |    | Qvalue |
| 4) Naphthalene             | 12.37 | 128 | 2221  | 0.05 | ng | # 95   |
| 5) 2-Methylnaphthalene     | 14.02 | 142 | 1066  | 0.05 | ng | # 95   |
| 8) Acenaphthylene          | 16.15 | 152 | 4848  | 0.04 | ng | # 95   |
| 9) Acenaphthene            | 16.58 | 154 | 870   | 0.05 | ng | # 87   |
| 10) Fluorene               | 17.83 | 166 | 832   | 0.04 | ng | # 99   |
| 12) Pentachlorophenol      | 19.51 | 266 | 22    | 0.34 | ng | # 75   |
| 13) Phenanthrene           | 19.88 | 178 | 1464  | 0.05 | ng | # 100  |
| 14) Anthracene             | 19.97 | 178 | 997m  | 0.04 | ng |        |
| 15) Fluoranthene           | 21.78 | 202 | 1175  | 0.04 | ng | # 98   |
| 17) Pyrene                 | 22.09 | 202 | 1278  | 0.04 | ng | # 99   |
| 19) Benzo(a)anthracene     | 23.70 | 228 | 6564  | 0.06 | ng | # 94   |
| 20) Chrysene               | 23.74 | 228 | 7500  | 0.06 | ng | # 94   |
| 21) Indeno(1,2,3-cd)pyrene | 26.83 | 276 | 3083  | 0.06 | ng | # 83   |
| 23) Benzo(b)fluoranthene   | 24.97 | 252 | 586   | 0.25 | ng | # 82   |
| 24) Benzo(k)fluoranthene   | 24.99 | 252 | 1212m | 0.03 | ng |        |
| 25) Benzo(a)pyrene         | 25.33 | 252 | 650   | 0.21 | ng | # 74   |
| 26) Dibenzo(a,h)anthracene | 26.87 | 278 | 418   | 0.14 | ng | # 61   |
| 27) Benzo(g,h,i)perylene   | 27.26 | 276 | 3603  | 0.03 | ng | # 73   |

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

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