

Data Path : Z:\HPCHEM1\BNA\_E\DATA\BE072815\  
 Data File : BE090279.D  
 Acq On : 28 Jul 2015 21:17  
 Operator : TP/IZ  
 Sample : MDL-06-S  
 Misc : MDL-SIM-SOIL-0.15PPM  
 ALS Vial : 22 Sample Multiplier: 1

Instrument :  
 BNA\_E  
 ClientSampleId :  
 MDL-06-S

Quant Time: Jul 29 04:56:17 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 : Wed Jul 29 04:46:54 2015  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc | Units | Dev(Min) |
|---------------------------|-------|------|----------|------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 7.60  | 152  | 777      | 0.40 | ng/ul | 0.00     |
| 2) Naphthalene-d8         | 10.36 | 136  | 3108     | 0.40 | ng/ul | 0.00     |
| 6) Acenaphthene-d10       | 14.21 | 164  | 1933     | 0.40 | ng/ul | 0.00     |
| 10) Phenanthrene-d10      | 16.94 | 188  | 4300     | 0.40 | ng/ul | 0.00     |
| 16) Chrysene-d12          | 21.12 | 240  | 2460     | 0.40 | ng/ul | 0.00     |
| 20) Perylene-d12          | 23.42 | 264  | 1623     | 0.40 | ng/ul | 0.00     |

|                             |       |     |      |      |       |      |
|-----------------------------|-------|-----|------|------|-------|------|
| System Monitoring Compounds |       |     |      |      |       |      |
| 4) 2-Methylnaphthalene-d10  | 11.96 | 152 | 2098 | 0.51 | ng/ul | 0.00 |
| 14) Fluoranthene-d10        | 18.97 | 212 | 4720 | 0.46 | ng/ul | 0.00 |

|                            |       |     |       |        |        |     |
|----------------------------|-------|-----|-------|--------|--------|-----|
| Target Compounds           |       |     |       | Qvalue |        |     |
| 3) Naphthalene             | 10.41 | 128 | 1016  | 0.14   | ng/ul# | 79  |
| 5) 2-Methylnaphthalene     | 12.03 | 142 | 608   | 0.13   | ng/ul  | 100 |
| 7) Acenaphthylene          | 13.93 | 152 | 4866  | 0.14   | ng/ul# | 89  |
| 8) Acenaphthene            | 14.27 | 153 | 3563  | 0.14   | ng/ul  | 99  |
| 9) Fluorene                | 15.26 | 166 | 885   | 0.13   | ng/ul# | 95  |
| 12) Phenanthrene           | 16.99 | 178 | 5213  | 0.13   | ng/ul# | 89  |
| 13) Anthracene             | 17.07 | 178 | 5653  | 0.14   | ng/ul# | 85  |
| 15) Fluoranthene           | 19.00 | 202 | 6327  | 0.14   | ng/ul  | 92  |
| 17) Pyrene                 | 19.36 | 202 | 6526  | 0.17   | ng/ul# | 91  |
| 18) Benzo(a)anthracene     | 21.10 | 228 | 434   | 0.14   | ng/ul# | 80  |
| 19) Chrysene               | 21.15 | 228 | 1212m | 0.13   | ng/ul  |     |
| 21) Benzo(b)fluoranthene   | 22.73 | 252 | 239   | 0.12   | ng/ul# | 61  |
| 22) Benzo(k)fluoranthene   | 22.77 | 252 | 796m  | 0.12   | ng/ul  |     |
| 23) Benzo(a)pyrene         | 23.31 | 252 | 452m  | 0.16   | ng/ul  |     |
| 24) Indeno(1,2,3-cd)pyrene | 25.83 | 276 | 1049  | 0.12   | ng/ul# | 89  |
| 25) Dibenzo(a,h)anthracene | 25.84 | 278 | 175m  | 0.17   | ng/ul  |     |
| 26) Benzo(g,h,i)perylene   | 26.55 | 276 | 1805  | 0.15   | ng/ul# | 57  |

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

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