

Data Path : Z:\HPCHEM1\BNA\_M\DATA\BM072715\  
 Data File : BM002068.D  
 Acq On : 27 Jul 2015 19:13  
 Operator : UM/HP  
 Sample : MDL-05-S  
 Misc : MDL-SOIL-SVOC-4PPM  
 ALS Vial : 13 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 MDL-05-S

Quant Time: Jul 28 05:17:12 2015  
 Quant Method : Z:\HPCHEM1\BNA\_M\METHODS\SOM02.2-EPA-BM072715.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Mon Jul 27 16:22:43 2015  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 7.60  | 152  | 75125    | 20.00 | ng/ul | 0.00     |
| 18) Naphthalene-d8        | 10.39 | 136  | 287768   | 20.00 | ng/ul | 0.00     |
| 36) Acenaphthene-d10      | 14.26 | 164  | 170750   | 20.00 | ng/ul | 0.00     |
| 62) Phenanthrene-d10      | 17.01 | 188  | 384023   | 20.00 | ng/ul | 0.00     |
| 78) Chrysene-d12          | 21.20 | 240  | 442944   | 20.00 | ng/ul | 0.00     |
| 86) Perylene-d12          | 23.40 | 264  | 449273   | 20.00 | ng/ul | 0.00     |

| System Monitoring Compounds    | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|--------------------------------|-------|------|----------|-------|-------|----------|
| 3) 1,4-Dioxane-d8              | 3.07  | 96   | 9050     | 6.23  | ng/uL | 0.00     |
| 5) Phenol-d5                   | 6.77  | 99   | 168645   | 31.40 | ng/ul | 0.00     |
| 7) Bis-(2-Chloroethyl)ether-d  | 6.94  | 67   | 96670    | 32.55 | ng/ul | 0.00     |
| 9) 2-Chlorophenol-d4           | 7.13  | 132  | 147927   | 32.49 | ng/ul | 0.00     |
| 13) 4-Methylphenol-d8          | 8.31  | 113  | 137745   | 32.26 | ng/ul | 0.00     |
| 19) Nitrobenzene-d5            | 8.76  | 128  | 68674    | 33.57 | ng/ul | 0.00     |
| 22) 2-Nitrophenol-d4           | 9.47  | 143  | 77574    | 34.13 | ng/ul | 0.00     |
| 26) 2,4-Dichlorophenol-d3      | 10.01 | 165  | 140318   | 32.06 | ng/ul | 0.00     |
| 29) 4-Chloroaniline-d4         | 10.53 | 131  | 184869   | 38.43 | ng/ul | 0.00     |
| 44) Dimethylphthalate-d6       | 13.67 | 166  | 422743   | 33.80 | ng/ul | 0.00     |
| 47) Acenaphthylene-d8          | 13.95 | 160  | 513236   | 32.82 | ng/ul | 0.00     |
| 52) 4-Nitrophenol-d4           | 14.47 | 143  | 64104    | 30.71 | ng/ul | 0.00     |
| 58) Fluorene-d10               | 15.26 | 176  | 365986   | 33.26 | ng/ul | 0.00     |
| 63) 4,6-Dinitro-2-methylphenol | 15.39 | 200  | 58509    | 24.91 | ng/ul | 0.00     |
| 71) Anthracene-d10             | 17.11 | 188  | 576649   | 33.64 | ng/ul | 0.00     |
| 79) Pyrene-d10                 | 19.41 | 212  | 648110   | 34.76 | ng/ul | 0.00     |
| 90) Benzo(a)pyrene-d12         | 23.27 | 264  | 743205   | 34.12 | ng/ul | 0.00     |

| Target Compounds        | R.T.  | QIon | Response | Conc | Units | Qvalue |
|-------------------------|-------|------|----------|------|-------|--------|
| 35) 1-Methylnaphthalene | 12.28 | 142  | 29945    | 3.13 | ng/ul | 99     |

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

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