

Data Path : Z:\HPCHEM1\BNA\_M\DATA\BM073016\  
 Data File : BM006761.D  
 Acq On : 30 Jul 2016 06:58  
 Operator : UM/SJ  
 Sample : H4188-04  
 Misc :  
 ALS Vial : 25 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 D9ZL2

Quant Time: Aug 01 04:57:57 2016  
 Quant Method : Z:\HPCHEM1\BNA\_M\METHODS\SOM02.2-EPA-BM072016.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Sat Jul 30 01:37:26 2016  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 7.60  | 152  | 162406   | 20.00 | ng/ul | 0.00     |
| 7) Naphthalene-d8         | 10.38 | 136  | 704503   | 20.00 | ng/ul | 0.00     |
| 15) Acenaphthene-d10      | 14.26 | 164  | 414153   | 20.00 | ng/ul | 0.00     |
| 23) Phenanthrene-d10      | 17.01 | 188  | 939935   | 20.00 | ng/ul | 0.00     |
| 29) Chrysene-d12          | 21.22 | 240  | 1116055  | 20.00 | ng/ul | 0.00     |
| 34) Perylene-d12          | 23.41 | 264  | 1180183  | 20.00 | ng/ul | 0.00     |

## System Monitoring Compounds

|                                |       |     |         |       |       |      |
|--------------------------------|-------|-----|---------|-------|-------|------|
| 2) 1,4-Dioxane-d8              | 3.13  | 96  | 5624    | 1.40  | ng/uL | 0.00 |
| 3) Phenol-d5                   | 6.79  | 99  | 203233  | 14.71 | ng/ul | 0.00 |
| 4) Bis-(2-Chloroethyl)ether-d  | 6.95  | 67  | 139376  | 16.28 | ng/ul | 0.00 |
| 5) 2-Chlorophenol-d4           | 7.14  | 132 | 168756  | 15.29 | ng/ul | 0.00 |
| 6) 4-Methylphenol-d8           | 8.32  | 113 | 147730  | 13.79 | ng/ul | 0.00 |
| 8) Nitrobenzene-d5             | 8.76  | 128 | 84314   | 15.81 | ng/ul | 0.00 |
| 9) 2-Nitrophenol-d4            | 9.47  | 143 | 91191   | 16.08 | ng/ul | 0.00 |
| 10) 2,4-Dichlorophenol-d3      | 10.02 | 165 | 154492  | 14.42 | ng/ul | 0.00 |
| 12) 4-Chloroaniline-d4         | 10.53 | 131 | 224259  | 19.00 | ng/ul | 0.00 |
| 16) Dimethylphthalate-d6       | 13.67 | 166 | 564124  | 17.37 | ng/ul | 0.00 |
| 17) Acenaphthylene-d8          | 13.94 | 160 | 678324  | 16.37 | ng/ul | 0.00 |
| 20) 4-Nitrophenol-d4           | 14.49 | 143 | 67614   | 11.99 | ng/ul | 0.00 |
| 21) Fluorene-d10               | 15.26 | 176 | 492655  | 16.96 | ng/ul | 0.00 |
| 24) 4,6-Dinitro-2-methylphenol | 15.40 | 200 | 63186   | 12.95 | ng/ul | 0.00 |
| 26) Anthracene-d10             | 17.10 | 188 | 765856  | 17.16 | ng/ul | 0.00 |
| 30) Pyrene-d10                 | 19.41 | 212 | 949209  | 18.67 | ng/ul | 0.00 |
| 37) Benzo(a)pyrene-d12         | 23.27 | 264 | 1029826 | 18.97 | ng/ul | 0.00 |

| Target Compounds         |       |     |        |      |       | Qvalue |
|--------------------------|-------|-----|--------|------|-------|--------|
| 33) Chrysene             | 21.25 | 228 | 66469  | 1.07 | ng/ul | 96     |
| 35) Benzo(b)fluoranthene | 22.76 | 252 | 138543 | 1.96 | ng/ul | 99     |
| 38) Benzo(a)pyrene       | 23.31 | 252 | 93156  | 1.35 | ng/ul | 98     |

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

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