

Data Path : Z:\HPCHEM1\BNA\_M\DATA\BM101916\  
 Data File : BM007674.D  
 Acq On : 19 Oct 2016 16:31  
 Operator : UM/SJ  
 Sample : MDL-03-S  
 Misc :  
 ALS Vial : 5 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 MDL-03-S

Quant Time: Oct 19 17:39:37 2016  
 Quant Method : Z:\HPCHEM1\BNA\_M\METHODS\SOM02.2-EPA-BM101916-MA.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Wed Oct 19 14:54:51 2016  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 7.76  | 152  | 191289   | 20.00 | ng/ul | 0.00     |
| 7) Naphthalene-d8         | 10.53 | 136  | 733684   | 20.00 | ng/ul | 0.00     |
| 13) Acenaphthene-d10      | 14.39 | 164  | 466596   | 20.00 | ng/ul | 0.00     |
| 18) Phenanthrene-d10      | 17.13 | 188  | 930330   | 20.00 | ng/ul | 0.00     |
| 23) Chrysene-d12          | 21.32 | 240  | 1198894  | 20.00 | ng/ul | 0.00     |
| 25) Perylene-d12          | 23.57 | 264  | 1221913  | 20.00 | ng/ul | 0.00     |

## System Monitoring Compounds

|                                |       |     |         |       |       |      |
|--------------------------------|-------|-----|---------|-------|-------|------|
| 2) 1,4-Dioxane-d8              | 3.29  | 96  | 26959   | 6.01  | ng/uL | 0.00 |
| 3) Phenol-d5                   | 6.93  | 99  | 412594  | 27.84 | ng/ul | 0.00 |
| 4) Bis-(2-Chloroethyl)ether-d  | 7.09  | 67  | 246885  | 28.10 | ng/ul | 0.00 |
| 5) 2-Chlorophenol-d4           | 7.29  | 132 | 328780  | 28.90 | ng/ul | 0.00 |
| 6) 4-Methylphenol-d8           | 8.46  | 113 | 317771  | 27.28 | ng/ul | 0.00 |
| 8) Nitrobenzene-d5             | 8.91  | 128 | 150907  | 29.12 | ng/ul | 0.00 |
| 9) 2-Nitrophenol-d4            | 9.63  | 143 | 164739  | 29.12 | ng/ul | 0.00 |
| 10) 2,4-Dichlorophenol-d3      | 10.16 | 165 | 305939  | 27.48 | ng/ul | 0.00 |
| 11) 4-Chloroaniline-d4         | 10.68 | 131 | 385742  | 30.54 | ng/ul | 0.00 |
| 14) Dimethylphthalate-d6       | 13.80 | 166 | 920236  | 28.27 | ng/ul | 0.00 |
| 15) Acenaphthylene-d8          | 14.08 | 160 | 1103095 | 28.91 | ng/ul | 0.00 |
| 16) 4-Nitrophenol-d4           | 14.60 | 143 | 129623  | 24.22 | ng/ul | 0.00 |
| 17) Fluorene-d10               | 15.38 | 176 | 795220  | 28.31 | ng/ul | 0.00 |
| 19) 4,6-Dinitro-2-methylphenol | 15.52 | 200 | 132137  | 23.44 | ng/ul | 0.00 |
| 20) Anthracene-d10             | 17.23 | 188 | 1195157 | 28.26 | ng/ul | 0.00 |
| 24) Pyrene-d10                 | 19.53 | 212 | 1406878 | 28.99 | ng/ul | 0.00 |
| 26) Benzo(a)pyrene-d12         | 23.43 | 264 | 1524825 | 28.65 | ng/ul | 0.00 |

## Target Compounds

|                                |       |     |       |      |       | Qvalue |
|--------------------------------|-------|-----|-------|------|-------|--------|
| 12) 1-Methylnaphthalene        | 12.42 | 142 | 66669 | 2.64 | ng/ul | 95     |
| 21) 1,2,3,4-Tetrachlorobenzene | 13.19 | 216 | 36879 | 2.72 | ng/uL | 97     |
| 22) Pentachlorobenzene         | 14.71 | 250 | 38874 | 2.74 | ng/uL | 99     |

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

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