

Data Path : U:\HPCHEM1\BNA M\DATA\BM101916\  
 Data File : BM007678.D  
 Acq On : 19 Oct 2016 18:53  
 Operator : UM/SJ  
 Sample : MDL-07-S  
 Misc :  
 ALS Vial : 9 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 MDL-07-S

Quant Time: Oct 19 19:29:51 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  | 193045   | 20.00 | ng/ul | 0.00     |
| 7) Naphthalene-d8         | 10.53 | 136  | 737050   | 20.00 | ng/ul | 0.00     |
| 13) Acenaphthene-d10      | 14.39 | 164  | 469648   | 20.00 | ng/ul | 0.00     |
| 18) Phenanthrene-d10      | 17.13 | 188  | 935905   | 20.00 | ng/ul | 0.00     |
| 23) Chrysene-d12          | 21.32 | 240  | 1190216  | 20.00 | ng/ul | 0.00     |
| 25) Perylene-d12          | 23.57 | 264  | 1195749  | 20.00 | ng/ul | 0.00     |

## System Monitoring Compounds

|                                |       |     |         |       |       |      |
|--------------------------------|-------|-----|---------|-------|-------|------|
| 2) 1,4-Dioxane-d8              | 3.29  | 96  | 34027   | 7.52  | ng/uL | 0.00 |
| 3) Phenol-d5                   | 6.93  | 99  | 494140  | 33.04 | ng/ul | 0.00 |
| 4) Bis-(2-Chloroethyl)ether-d  | 7.09  | 67  | 299643  | 33.80 | ng/ul | 0.00 |
| 5) 2-Chlorophenol-d4           | 7.29  | 132 | 396932  | 34.57 | ng/ul | 0.00 |
| 6) 4-Methylphenol-d8           | 8.46  | 113 | 385071  | 32.76 | ng/ul | 0.00 |
| 8) Nitrobenzene-d5             | 8.91  | 128 | 181866  | 34.93 | ng/ul | 0.00 |
| 9) 2-Nitrophenol-d4            | 9.63  | 143 | 199084  | 35.03 | ng/ul | 0.00 |
| 10) 2,4-Dichlorophenol-d3      | 10.16 | 165 | 370624  | 33.14 | ng/ul | 0.00 |
| 11) 4-Chloroaniline-d4         | 10.68 | 131 | 472127  | 37.21 | ng/ul | 0.00 |
| 14) Dimethylphthalate-d6       | 13.80 | 166 | 1120243 | 34.19 | ng/ul | 0.00 |
| 15) Acenaphthylene-d8          | 14.08 | 160 | 1335418 | 34.77 | ng/ul | 0.00 |
| 16) 4-Nitrophenol-d4           | 14.60 | 143 | 160026  | 29.70 | ng/ul | 0.00 |
| 17) Fluorene-d10               | 15.38 | 176 | 964456  | 34.11 | ng/ul | 0.00 |
| 19) 4,6-Dinitro-2-methylphenol | 15.52 | 200 | 166381  | 29.34 | ng/ul | 0.00 |
| 20) Anthracene-d10             | 17.23 | 188 | 1435975 | 33.75 | ng/ul | 0.00 |
| 24) Pyrene-d10                 | 19.53 | 212 | 1687794 | 35.03 | ng/ul | 0.00 |
| 26) Benzo(a)pyrene-d12         | 23.43 | 264 | 1817606 | 34.90 | ng/ul | 0.00 |

## Target Compounds

|                                |       |     |       |      |       | Ovalue |
|--------------------------------|-------|-----|-------|------|-------|--------|
| 12) 1-Methylnaphthalene        | 12.42 | 142 | 83327 | 3.28 | ng/ul | 95     |
| 21) 1,2,3,4-Tetrachlorobenzene | 13.19 | 216 | 47318 | 3.47 | ng/uL | 97     |
| 22) Pentachlorobenzene         | 14.71 | 250 | 48177 | 3.38 | ng/uL | 96     |

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

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