

Data Path : Z:\HPCHEM1\BNA\_M\DATA\BM100416\  
 Data File : BM007654.D  
 Acq On : 04 Oct 2016 13:58  
 Operator : UM/SJ  
 Sample : H5033-02MS  
 Misc :  
 ALS Vial : 8 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 H1A01MS

Quant Time: Oct 04 14:52:44 2016  
 Quant Method : Z:\HPCHEM1\BNA\_M\METHODS\SOM02.2-EPA-BM092316.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Tue Oct 04 13:03:57 2016  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 7.77  | 152  | 154369   | 20.00 | ng/ul | 0.00     |
| 18) Naphthalene-d8        | 10.55 | 136  | 736629   | 20.00 | ng/ul | 0.00     |
| 35) Acenaphthene-d10      | 14.40 | 164  | 591176   | 20.00 | ng/ul | 0.00     |
| 61) Phenanthrene-d10      | 17.14 | 188  | 1378983  | 20.00 | ng/ul | 0.00     |
| 75) Chrysene-d12          | 21.33 | 240  | 1666590  | 20.00 | ng/ul | 0.00     |
| 83) Perylene-d12          | 23.59 | 264  | 1460511  | 20.00 | ng/ul | 0.00     |

## System Monitoring Compounds

|                                |       |     |         |       |       |      |
|--------------------------------|-------|-----|---------|-------|-------|------|
| 3) 1,4-Dioxane-d8              | 3.30  | 96  | 5203    | 1.66  | ng/uL | 0.00 |
| 5) Phenol-d5                   | 6.95  | 99  | 113706  | 8.30  | ng/ul | 0.00 |
| 7) Bis-(2-Chloroethyl)ether-d  | 7.11  | 67  | 261887  | 35.55 | ng/ul | 0.00 |
| 9) 2-Chlorophenol-d4           | 7.30  | 132 | 281189  | 28.26 | ng/ul | 0.00 |
| 13) 4-Methylphenol-d8          | 8.47  | 113 | 220957  | 18.89 | ng/ul | 0.00 |
| 19) Nitrobenzene-d5            | 8.93  | 128 | 191626  | 36.39 | ng/ul | 0.00 |
| 22) 2-Nitrophenol-d4           | 9.65  | 143 | 208690  | 34.88 | ng/ul | 0.00 |
| 26) 2,4-Dichlorophenol-d3      | 10.18 | 165 | 388531  | 32.59 | ng/ul | 0.00 |
| 29) 4-Chloroaniline-d4         | 10.71 | 131 | 25010   | 2.00  | ng/ul | 0.01 |
| 43) Dimethylphthalate-d6       | 13.82 | 166 | 1685761 | 39.20 | ng/ul | 0.00 |
| 46) Acenaphthylene-d8          | 14.09 | 160 | 1916875 | 38.41 | ng/ul | 0.00 |
| 51) 4-Nitrophenol-d4           | 14.62 | 143 | 52740   | 6.95  | ng/ul | 0.00 |
| 57) Fluorene-d10               | 15.40 | 176 | 1487849 | 39.45 | ng/ul | 0.00 |
| 62) 4,6-Dinitro-2-methylphenol | 15.53 | 200 | 286152  | 34.01 | ng/ul | 0.00 |
| 70) Anthracene-d10             | 17.24 | 188 | 2554778 | 40.32 | ng/ul | 0.00 |
| 76) Pyrene-d10                 | 19.54 | 212 | 3155893 | 47.72 | ng/ul | 0.00 |
| 87) Benzo(a)pyrene-d12         | 23.44 | 264 | 2658275 | 41.13 | ng/ul | 0.00 |

## Target Compounds

|                                |       |     |         |       |       | Qvalue |
|--------------------------------|-------|-----|---------|-------|-------|--------|
| 6) Phenol                      | 6.97  | 94  | 121118  | 8.71  | ng/ul | 96     |
| 10) 2-Chlorophenol             | 7.34  | 128 | 276866  | 27.75 | ng/ul | 98     |
| 15) N-Nitroso-di-n-propylamine | 8.57  | 70  | 353421  | 39.08 | ng/ul | 95     |
| 33) 4-Chloro-3-methylphenol    | 11.84 | 107 | 459200  | 32.11 | ng/ul | 93     |
| 49) Acenaphthene               | 14.46 | 153 | 1275569 | 37.45 | ng/ul | 100    |
| 52) 4-Nitrophenol              | 14.63 | 109 | 51273   | 6.49  | ng/ul | 88     |
| 54) 2,4-Dinitrotoluene         | 14.78 | 165 | 506274  | 39.67 | ng/ul | 98     |
| 68) Pentachlorophenol          | 16.80 | 266 | 399321  | 37.67 | ng/ul | 99     |
| 77) Pyrene                     | 19.57 | 202 | 3857552 | 47.18 | ng/ul | 100    |

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

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