

Data Path : Z:\HPCHEM1\BNA M\DATA\BM040116\  
 Data File : BM004854.D  
 Acq On : 01 Apr 2016 23:39  
 Operator : UM/SJ  
 Sample : H2004-01  
 Misc :  
 ALS Vial : 14 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 C0AB5

Quant Time: Apr 02 01:05:05 2016  
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM02.2-EPA-BM040116.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Sat Apr 02 00:53:13 2016  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 7.83  | 152  | 52230    | 20.00 | ng/ul | 0.00     |
| 18) Naphthalene-d8        | 10.62 | 136  | 252457   | 20.00 | ng/ul | 0.00     |
| 36) Acenaphthene-d10      | 14.46 | 164  | 150978   | 20.00 | ng/ul | 0.00     |
| 62) Phenanthrene-d10      | 17.20 | 188  | 354549   | 20.00 | ng/ul | 0.00     |
| 78) Chrysene-d12          | 21.39 | 240  | 429492   | 20.00 | ng/ul | 0.00     |
| 86) Perylene-d12          | 23.69 | 264  | 445016   | 20.00 | ng/ul | 0.00     |

## System Monitoring Compounds

|                                |       |     |        |       |       |      |
|--------------------------------|-------|-----|--------|-------|-------|------|
| 3) 1,4-Dioxane-d8              | 3.32  | 96  | 1311   | 1.02  | ng/uL | 0.00 |
| 5) Phenol-d5                   | 6.99  | 99  | 26148  | 5.63  | ng/ul | 0.00 |
| 7) Bis-(2-Chloroethyl)ether-d  | 7.16  | 67  | 79912  | 31.78 | ng/ul | 0.00 |
| 9) 2-Chlorophenol-d4           | 7.36  | 132 | 85304  | 24.22 | ng/ul | 0.00 |
| 13) 4-Methylphenol-d8          | 8.52  | 113 | 56845  | 14.58 | ng/ul | 0.00 |
| 19) Nitrobenzene-d5            | 8.98  | 128 | 58435  | 32.62 | ng/ul | 0.00 |
| 22) 2-Nitrophenol-d4           | 9.70  | 143 | 64671  | 32.47 | ng/ul | 0.00 |
| 26) 2,4-Dichlorophenol-d3      | 10.23 | 165 | 104056 | 28.02 | ng/ul | 0.00 |
| 29) 4-Chloroaniline-d4         | 10.76 | 131 | 3538   | 0.80  | ng/ul | 0.00 |
| 44) Dimethylphthalate-d6       | 13.87 | 166 | 420503 | 35.30 | ng/ul | 0.00 |
| 47) Acenaphthylene-d8          | 14.15 | 160 | 488757 | 34.30 | ng/ul | 0.00 |
| 52) 4-Nitrophenol-d4           | 14.66 | 143 | 12882  | 5.47  | ng/ul | 0.00 |
| 58) Fluorene-d10               | 15.46 | 176 | 353372 | 34.33 | ng/ul | 0.00 |
| 63) 4,6-Dinitro-2-methylphenol | 15.57 | 200 | 67540  | 31.79 | ng/ul | 0.00 |
| 71) Anthracene-d10             | 17.30 | 188 | 562647 | 35.47 | ng/ul | 0.00 |
| 79) Pyrene-d10                 | 19.60 | 212 | 644316 | 34.56 | ng/ul | 0.00 |
| 90) Benzo(a)pyrene-d12         | 23.54 | 264 | 760515 | 38.57 | ng/ul | 0.00 |

## Target Compounds

|                                |       |     |       |      |        | Ovalue |
|--------------------------------|-------|-----|-------|------|--------|--------|
| 6) Phenol                      | 7.02  | 94  | 11617 | 2.40 | ng/ul  | 99     |
| 10) 2-Chlorophenol             | 7.39  | 128 | 4844  | 1.31 | ng/ul# | 89     |
| 20) Nitrobenzene               | 9.02  | 77  | 37661 | 8.76 | ng/ul  | 97     |
| 27) 2,4-Dichlorophenol         | 10.26 | 162 | 4819  | 1.26 | ng/ul# | 80     |
| 37) 1,2,4,5-Tetrachlorobenzene | 12.65 | 216 | 10049 | 2.15 | ng/ul  | 99     |
| 45) Dimethylphthalate          | 13.92 | 163 | 14419 | 1.19 | ng/ul# | 94     |
| 73) 1,2,3,4-Tetrachlorobenzene | 13.26 | 216 | 44496 | 9.66 | ng/uL  | 99     |

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

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