

Data Path : Z:\HPCHEM1\BNA\_M\DATA\BM051916\  
 Data File : BM005505.D  
 Acq On : 19 May 2016 19:00  
 Operator : UM/SJ  
 Sample : H2841-08MSD  
 Misc :  
 ALS Vial : 7 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 D9WS3MSD

Quant Time: May 20 01:02:01 2016  
 Quant Method : Z:\HPCHEM1\BNA\_M\METHODS\SOM02.2-EPA-BM051816.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Fri May 20 01:00:58 2016  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 7.83  | 152  | 32322    | 20.00 | ng/ul | 0.00     |
| 18) Naphthalene-d8        | 10.62 | 136  | 175436   | 20.00 | ng/ul | 0.00     |
| 35) Acenaphthene-d10      | 14.46 | 164  | 133759   | 20.00 | ng/ul | 0.00     |
| 61) Phenanthrene-d10      | 17.20 | 188  | 402251   | 20.00 | ng/ul | 0.00     |
| 75) Chrysene-d12          | 21.38 | 240  | 777442   | 20.00 | ng/ul | 0.00     |
| 83) Perylene-d12          | 23.66 | 264  | 1075438  | 20.00 | ng/ul | 0.00     |

## System Monitoring Compounds

|                                |       |     |        |       |       |      |
|--------------------------------|-------|-----|--------|-------|-------|------|
| 3) 1,4-Dioxane-d8              | 3.32  | 96  | 1767   | 2.10  | ng/uL | 0.00 |
| 5) Phenol-d5                   | 6.99  | 99  | 50767  | 16.35 | ng/ul | 0.00 |
| 7) Bis-(2-Chloroethyl)ether-d  | 7.17  | 67  | 28860  | 16.97 | ng/ul | 0.00 |
| 9) 2-Chlorophenol-d4           | 7.37  | 132 | 37845  | 15.87 | ng/ul | 0.00 |
| 13) 4-Methylphenol-d8          | 8.53  | 113 | 46412  | 17.55 | ng/ul | 0.00 |
| 19) Nitrobenzene-d5            | 8.99  | 128 | 20431  | 16.18 | ng/ul | 0.00 |
| 22) 2-Nitrophenol-d4           | 9.70  | 143 | 21389  | 15.52 | ng/ul | 0.00 |
| 26) 2,4-Dichlorophenol-d3      | 10.24 | 165 | 46995  | 17.16 | ng/ul | 0.00 |
| 29) 4-Chloroaniline-d4         | 10.76 | 131 | 55181  | 17.52 | ng/ul | 0.00 |
| 43) Dimethylphthalate-d6       | 13.87 | 166 | 195975 | 17.82 | ng/ul | 0.00 |
| 46) Acenaphthylene-d8          | 14.16 | 160 | 225317 | 17.36 | ng/ul | 0.00 |
| 51) 4-Nitrophenol-d4           | 14.64 | 143 | 44051  | 19.53 | ng/ul | 0.00 |
| 57) Fluorene-d10               | 15.46 | 176 | 184480 | 19.01 | ng/ul | 0.00 |
| 62) 4,6-Dinitro-2-methylphenol | 15.56 | 200 | 27176  | 12.82 | ng/ul | 0.00 |
| 70) Anthracene-d10             | 17.30 | 188 | 349926 | 18.91 | ng/ul | 0.00 |
| 76) Pyrene-d10                 | 19.59 | 212 | 532343 | 17.03 | ng/ul | 0.00 |
| 87) Benzo(a)pyrene-d12         | 23.51 | 264 | 924795 | 19.23 | ng/ul | 0.00 |

## Target Compounds

|                                |       |     |        |       |       | Qvalue |
|--------------------------------|-------|-----|--------|-------|-------|--------|
| 6) Phenol                      | 7.02  | 94  | 50194  | 15.38 | ng/ul | 93     |
| 10) 2-Chlorophenol             | 7.40  | 128 | 36527  | 14.89 | ng/ul | 96     |
| 15) N-Nitroso-di-n-propylamine | 8.63  | 70  | 34239  | 15.20 | ng/ul | 96     |
| 33) 4-Chloro-3-methylphenol    | 11.90 | 107 | 61214  | 17.92 | ng/ul | 96     |
| 44) Dimethylphthalate          | 13.92 | 163 | 42905  | 3.83  | ng/ul | 100    |
| 49) Acenaphthene               | 14.53 | 153 | 142224 | 15.49 | ng/ul | 98     |
| 52) 4-Nitrophenol              | 14.66 | 109 | 42542  | 21.07 | ng/ul | 79     |
| 54) 2,4-Dinitrotoluene         | 14.82 | 165 | 53593  | 16.36 | ng/ul | 98     |
| 68) Pentachlorophenol          | 16.85 | 266 | 48184  | 15.82 | ng/ul | 96     |
| 77) Pyrene                     | 19.62 | 202 | 647856 | 15.55 | ng/ul | 95     |

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

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