

Data Path : U:\HPCHEM1\BNA M\DATA\BM101916\  
 Data File : BM007667.D  
 Acq On : 19 Oct 2016 12:07  
 Operator : UM/SJ  
 Sample : SSTD02036  
 Misc :  
 ALS Vial : 4 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :

Quant Time: Oct 19 13:48:22 2016  
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM02.2-EPA-BM101916-MA.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Wed Oct 19 13:45:45 2016  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 7.76  | 152  | 161547   | 20.00 | ng/ul | 0.00     |
| 7) Naphthalene-d8         | 10.54 | 136  | 619646   | 20.00 | ng/ul | 0.00     |
| 13) Acenaphthene-d10      | 14.39 | 164  | 401219   | 20.00 | ng/ul | 0.00     |
| 18) Phenanthrene-d10      | 17.13 | 188  | 823589   | 20.00 | ng/ul | 0.00     |
| 23) Chrysene-d12          | 21.32 | 240  | 1092965  | 20.00 | ng/ul | 0.00     |
| 25) Perylene-d12          | 23.57 | 264  | 1110088  | 20.00 | ng/ul | 0.00     |

## System Monitoring Compounds

|                                |       |     |        |       |       |      |
|--------------------------------|-------|-----|--------|-------|-------|------|
| 2) 1,4-Dioxane-d8              | 3.29  | 96  | 29504  | 9.34  | ng/uL | 0.00 |
| 3) Phenol-d5                   | 6.93  | 99  | 240332 | 15.75 | ng/ul | 0.00 |
| 4) Bis-(2-Chloroethyl)ether-d  | 7.09  | 67  | 147040 | 18.34 | ng/ul | 0.00 |
| 5) 2-Chlorophenol-d4           | 7.29  | 132 | 192113 | 17.03 | ng/ul | 0.00 |
| 6) 4-Methylphenol-d8           | 8.46  | 113 | 189382 | 14.23 | ng/ul | 0.00 |
| 8) Nitrobenzene-d5             | 8.91  | 128 | 87239  | 19.18 | ng/ul | 0.00 |
| 9) 2-Nitrophenol-d4            | 9.63  | 143 | 94452  | 17.78 | ng/ul | 0.00 |
| 10) 2,4-Dichlorophenol-d3      | 10.16 | 165 | 187987 | 17.77 | ng/ul | 0.00 |
| 11) 4-Chloroaniline-d4         | 10.68 | 131 | 223271 | 16.92 | ng/ul | 0.00 |
| 14) Dimethylphthalate-d6       | 13.80 | 166 | 564135 | 16.30 | ng/ul | 0.00 |
| 15) Acenaphthylene-d8          | 14.08 | 160 | 663833 | 16.55 | ng/ul | 0.00 |
| 16) 4-Nitrophenol-d4           | 14.60 | 143 | 86011  | 13.16 | ng/ul | 0.00 |
| 17) Fluorene-d10               | 15.39 | 176 | 483390 | 16.15 | ng/ul | 0.00 |
| 19) 4,6-Dinitro-2-methylphenol | 15.52 | 200 | 90774  | 17.53 | ng/ul | 0.00 |
| 20) Anthracene-d10             | 17.23 | 188 | 742885 | 19.31 | ng/ul | 0.00 |
| 24) Pyrene-d10                 | 19.53 | 212 | 873009 | 19.12 | ng/ul | 0.00 |
| 26) Benzo(a)pyrene-d12         | 23.43 | 264 | 963627 | 18.87 | ng/ul | 0.00 |

## Target Compounds

|                                |       |     |        |       |       | Ovalue |
|--------------------------------|-------|-----|--------|-------|-------|--------|
| 12) 1-Methylnaphthalene        | 12.42 | 142 | 425542 | 17.53 | ng/ul | 96     |
| 21) 1,2,3,4-Tetrachlorobenzene | 13.19 | 216 | 236166 | 23.75 | ng/uL | 99     |
| 22) Pentachlorobenzene         | 14.71 | 250 | 248113 | 22.59 | ng/uL | 99     |

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

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