

Data Path : Z:\HPCHEM1\BNA\_B\DATA\BB101916\  
 Data File : BB058650.D  
 Acq On : 19 Oct 2016 13:20  
 Operator : UM/SJ  
 Sample : SSTD08094  
 Misc :  
 ALS Vial : 6 Sample Multiplier: 1

Instrument :  
 BNA\_B  
 ClientSampleId :  
 SSTD08094

Quant Time: Oct 19 14:11:41 2016  
 Quant Method : Z:\HPCHEM1\BNA\_B\METHOD\SOM02.2-EPA-BB101916-MA.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Wed Oct 19 13:51:45 2016  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 8.68  | 152  | 550111   | 20.00 | ng/ul | 0.00     |
| 7) Naphthalene-d8         | 11.64 | 136  | 2170549  | 20.00 | ng/ul | 0.00     |
| 13) Acenaphthene-d10      | 15.59 | 164  | 1221052  | 20.00 | ng/ul | 0.00     |
| 18) Phenanthrene-d10      | 18.44 | 188  | 1993380  | 20.00 | ng/ul | 0.02     |
| 23) Chrysene-d12          | 22.81 | 240  | 2333133  | 20.00 | ng/ul | 0.02     |
| 25) Perylene-d12          | 25.89 | 264  | 1649070  | 20.00 | ng/ul | 0.02     |

## System Monitoring Compounds

|                                |       |     |         |       |       |       |
|--------------------------------|-------|-----|---------|-------|-------|-------|
| 2) 1,4-Dioxane-d8              | 3.65  | 96  | 418392  | 34.39 | ng/uL | -0.02 |
| 3) Phenol-d5                   | 7.85  | 99  | 3385982 | 84.76 | ng/ul | 0.04  |
| 4) Bis-(2-Chloroethyl)ether-d  | 7.99  | 67  | 2285845 | 85.42 | ng/ul | 0.02  |
| 5) 2-Chlorophenol-d4           | 8.22  | 132 | 3528549 | 85.15 | ng/ul | 0.02  |
| 6) 4-Methylphenol-d8           | 9.49  | 113 | 2768444 | 83.70 | ng/ul | 0.02  |
| 8) Nitrobenzene-d5             | 9.93  | 128 | 1807024 | 80.42 | ng/ul | 0.04  |
| 9) 2-Nitrophenol-d4            | 10.68 | 143 | 2050414 | 84.93 | ng/ul | 0.02  |
| 10) 2,4-Dichlorophenol-d3      | 11.28 | 165 | 2915186 | 85.16 | ng/ul | 0.04  |
| 11) 4-Chloroaniline-d4         | 11.78 | 131 | 3427647 | 83.19 | ng/ul | 0.02  |
| 14) Dimethylphthalate-d6       | 14.99 | 166 | 6436241 | 79.28 | ng/ul | 0.04  |
| 15) Acenaphthylene-d8          | 15.28 | 160 | 7575821 | 79.12 | ng/ul | 0.02  |
| 16) 4-Nitrophenol-d4           | 15.84 | 143 | 1652793 | 88.64 | ng/ul | 0.06  |
| 17) Fluorene-d10               | 16.63 | 176 | 5531148 | 83.16 | ng/ul | 0.02  |
| 19) 4,6-Dinitro-2-methylphenol | 16.78 | 200 | 1882732 | 88.88 | ng/ul | 0.06  |
| 20) Anthracene-d10             | 18.56 | 188 | 6963166 | 77.70 | ng/ul | 0.02  |
| 24) Pyrene-d10                 | 20.89 | 212 | 7205016 | 70.28 | ng/ul | 0.02  |
| 26) Benzo(a)pyrene-d12         | 25.72 | 264 | 6588944 | 87.50 | ng/ul | 0.06  |

## Target Compounds

|                                |       |     |         |       |        | Qvalue |
|--------------------------------|-------|-----|---------|-------|--------|--------|
| 12) 1-Methylnaphthalene        | 13.59 | 142 | 5329389 | 77.14 | ng/ul# | 97     |
| 21) 1,2,3,4-Tetrachlorobenzene | 14.38 | 216 | 2980028 | 84.00 | ng/uL  | 99     |
| 22) Pentachlorobenzene         | 15.96 | 250 | 2936735 | 83.68 | ng/uL  | 99     |

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

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