

Data Path : Z:\SVOASRV\HPCHEM1\BNA\_M\DATA\BM032719\  
 Data File : BM019527.D  
 Acq On : 28 Mar 2019 04:44  
 Operator : JU/SJ  
 Sample : K2069-12DL 5X  
 Misc :  
 ALS Vial : 22 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 C09D9DL

Quant Time: Mar 28 08:15:37 2019  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_M\METHODS\SOM-EPA-BM032219MA.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Thu Mar 28 05:07:19 2019  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 7.59  | 152  | 104819   | 20.00 | ng/ul | 0.00     |
| 18) Naphthalene-d8        | 10.37 | 136  | 405961   | 20.00 | ng/ul | -0.01    |
| 36) Acenaphthene-d10      | 14.25 | 164  | 224430   | 20.00 | ng/ul | -0.01    |
| 62) Phenanthrene-d10      | 17.00 | 188  | 501560   | 20.00 | ng/ul | -0.01    |
| 78) Chrysene-d12          | 21.21 | 240  | 601926   | 20.00 | ng/ul | -0.01    |
| 86) Perylene-d12          | 23.42 | 264  | 795250   | 20.00 | ng/ul | -0.02    |

## System Monitoring Compounds

|                                |       |     |        |      |       |       |
|--------------------------------|-------|-----|--------|------|-------|-------|
| 3) 1,4-Dioxane-d8              | 0.00  | 96  | 0      | 0.00 | ng/uL |       |
| 5) Phenol-d5                   | 6.77  | 99  | 11408  | 1.22 | ng/ul | 0.00  |
| 7) Bis-(2-Chloroethyl)ether-d  | 6.95  | 67  | 36104  | 5.78 | ng/ul | 0.00  |
| 9) 2-Chlorophenol-d4           | 7.12  | 132 | 35061  | 4.96 | ng/ul | -0.01 |
| 13) 4-Methylphenol-d8          | 8.32  | 113 | 23456  | 3.35 | ng/ul | 0.00  |
| 19) Nitrobenzene-d5            | 8.76  | 128 | 20487  | 7.07 | ng/ul | -0.01 |
| 22) 2-Nitrophenol-d4           | 9.47  | 143 | 23184  | 7.19 | ng/ul | 0.00  |
| 26) 2,4-Dichlorophenol-d3      | 10.01 | 165 | 37341  | 6.14 | ng/ul | 0.00  |
| 29) 4-Chloroaniline-d4         | 10.56 | 131 | 1314   | 0.18 | ng/ul | 0.02  |
| 44) Dimethylphthalate-d6       | 13.67 | 166 | 138070 | 7.62 | ng/ul | 0.00  |
| 47) Acenaphthylene-d8          | 13.94 | 160 | 167960 | 7.42 | ng/ul | -0.01 |
| 52) 4-Nitrophenol-d4           | 14.57 | 143 | 114    | 0.04 | ng/ul | 0.08  |
| 58) Fluorene-d10               | 15.25 | 176 | 116995 | 7.50 | ng/ul | -0.01 |
| 63) 4,6-Dinitro-2-methylphenol | 15.41 | 200 | 12465  | 3.76 | ng/ul | 0.00  |
| 71) Anthracene-d10             | 17.10 | 188 | 173613 | 7.21 | ng/ul | -0.01 |
| 79) Pyrene-d10                 | 19.41 | 212 | 202594 | 7.29 | ng/ul | -0.01 |
| 90) Benzo(a)pyrene-d12         | 23.27 | 264 | 297161 | 7.05 | ng/ul | -0.02 |

## Target Compounds

|                                |       |     |        |        | Qvalue |    |
|--------------------------------|-------|-----|--------|--------|--------|----|
| 11) 2-Methylphenol             | 7.96  | 108 | 229024 | 33.714 | ng/ul  | 93 |
| 20) Nitrobenzene               | 8.80  | 77  | 552418 | 64.083 | ng/ul  | 97 |
| 23) 2-Nitrophenol              | 9.51  | 139 | 5306   | 1.492  | ng/ul# | 92 |
| 32) Caprolactam                | 11.21 | 113 | 11670  | 6.540  | ng/ul# | 1  |
| 37) 1,2,4,5-Tetrachlorobenzene | 12.42 | 216 | 49562  | 6.940  | ng/ul# | 95 |
| 73) 1,2,3,4-Tetrachlorobenzene | 13.03 | 216 | 153197 | 21.068 | ng/uL  | 96 |

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

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