

Data Path : Z:\SVOASRV\HPCHEM1\BNA\_M\DATA\BM032719\  
 Data File : BM019535.D  
 Acq On : 28 Mar 2019 09:40  
 Operator : JU/SJ  
 Sample : K2069-10DL3 500X  
 Misc :  
 ALS Vial : 30 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 C09C9DL3

Quant Time: Mar 28 10:30:30 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 | 7.58  | 152  | 80516    | 20.00 | ng/ul | -0.02    |
| 18) Naphthalene-d8        | 10.36 | 136  | 370188   | 20.00 | ng/ul | -0.02    |
| 36) Acenaphthene-d10      | 14.24 | 164  | 211608   | 20.00 | ng/ul | -0.01    |
| 62) Phenanthrene-d10      | 17.00 | 188  | 462520   | 20.00 | ng/ul | -0.01    |
| 78) Chrysene-d12          | 21.21 | 240  | 535963   | 20.00 | ng/ul | -0.01    |
| 86) Perylene-d12          | 23.41 | 264  | 713413   | 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                   | 0.00  | 99  | 0    | 0.00 | ng/ul |       |
| 7) Bis-(2-Chloroethyl)ether-d  | 0.00  | 67  | 0    | 0.00 | ng/ul |       |
| 9) 2-Chlorophenol-d4           | 0.00  | 132 | 0    | 0.00 | ng/ul |       |
| 13) 4-Methylphenol-d8          | 0.00  | 113 | 0    | 0.00 | ng/ul |       |
| 19) Nitrobenzene-d5            | 0.00  | 128 | 0    | 0.00 | ng/ul |       |
| 22) 2-Nitrophenol-d4           | 0.00  | 143 | 0    | 0.00 | ng/ul |       |
| 26) 2,4-Dichlorophenol-d3      | 0.00  | 165 | 0    | 0.00 | ng/ul |       |
| 29) 4-Chloroaniline-d4         | 10.37 | 131 | 370  | 0.06 | ng/ul | -0.16 |
| 44) Dimethylphthalate-d6       | 0.00  | 166 | 0    | 0.00 | ng/ul |       |
| 47) Acenaphthylene-d8          | 13.94 | 160 | 894  | 0.04 | ng/ul | 0.00  |
| 52) 4-Nitrophenol-d4           | 14.57 | 143 | 5769 | 2.16 | ng/ul | 0.07  |
| 58) Fluorene-d10               | 15.28 | 176 | 1393 | 0.09 | ng/ul | 0.02  |
| 63) 4,6-Dinitro-2-methylphenol | 0.00  | 200 | 0    | 0.00 | ng/ul |       |
| 71) Anthracene-d10             | 17.14 | 188 | 2334 | 0.11 | ng/ul | 0.02  |
| 79) Pyrene-d10                 | 19.44 | 212 | 1259 | 0.05 | ng/ul | 0.02  |
| 90) Benzo(a)pyrene-d12         | 23.29 | 264 | 1854 | 0.05 | ng/ul | 0.00  |

## Target Compounds

|                                |       |     |        |        | Qvalue |    |
|--------------------------------|-------|-----|--------|--------|--------|----|
| 11) 2-Methylphenol             | 7.93  | 108 | 14121  | 2.706  | ng/ul  | 98 |
| 37) 1,2,4,5-Tetrachlorobenzene | 12.42 | 216 | 85729  | 12.732 | ng/ul# | 94 |
| 73) 1,2,3,4-Tetrachlorobenzene | 13.03 | 216 | 396129 | 59.074 | ng/uL  | 99 |
| 74) Pentachlorobenzene         | 14.57 | 250 | 48842  | 6.963  | ng/uL  | 96 |

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

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