

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM061319\  
 Data File : BM020928.D  
 Acq On : 13 Jun 2019 14:23  
 Operator : HP/JU  
 Sample : K3231-06MS  
 Misc :  
 ALS Vial : 6 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 DB8L4MS

Quant Time: Jun 13 17:01:31 2019  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_M\METHODS\SOM-EPA-BM060619MA.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Sun Jun 09 01:02:58 2019  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 7.80  | 152  | 315446   | 20.00 | ng/ul | 0.00     |
| 18) Naphthalene-d8        | 10.59 | 136  | 1278500  | 20.00 | ng/ul | -0.01    |
| 35) Acenaphthene-d10      | 14.44 | 164  | 704975   | 20.00 | ng/ul | -0.01    |
| 61) Phenanthrene-d10      | 17.19 | 188  | 1382044  | 20.00 | ng/ul | 0.00     |
| 77) Chrysene-d12          | 21.36 | 240  | 1182628  | 20.00 | ng/ul | -0.01    |
| 85) Perylene-d12          | 23.65 | 264  | 1353933  | 20.00 | ng/ul | 0.00     |

## System Monitoring Compounds

|                                |       |     |         |       |       |       |
|--------------------------------|-------|-----|---------|-------|-------|-------|
| 3) 1,4-Dioxane-d8              | 3.30  | 96  | 14814   | 2.24  | ng/uL | 0.00  |
| 5) Phenol-d5                   | 6.96  | 99  | 324056  | 13.43 | ng/ul | -0.01 |
| 7) Bis-(2-Chloroethyl)ether-d  | 7.14  | 67  | 263332  | 18.20 | ng/ul | 0.00  |
| 9) 2-Chlorophenol-d4           | 7.33  | 132 | 317750  | 16.53 | ng/ul | 0.00  |
| 13) 4-Methylphenol-d8          | 8.50  | 113 | 136165  | 7.01  | ng/ul | 0.00  |
| 19) Nitrobenzene-d5            | 8.96  | 128 | 173847  | 19.92 | ng/ul | -0.01 |
| 22) 2-Nitrophenol-d4           | 9.68  | 143 | 173449  | 19.31 | ng/ul | 0.00  |
| 26) 2,4-Dichlorophenol-d3      | 10.21 | 165 | 319296  | 17.04 | ng/ul | -0.01 |
| 29) 4-Chloroaniline-d4         | 10.75 | 131 | 4345    | 0.19  | ng/ul | 0.00  |
| 43) Dimethylphthalate-d6       | 13.85 | 166 | 985224  | 18.89 | ng/ul | -0.01 |
| 46) Acenaphthylene-d8          | 14.13 | 160 | 1105299 | 16.72 | ng/ul | 0.00  |
| 51) 4-Nitrophenol-d4           | 14.65 | 143 | 72546   | 8.11  | ng/ul | 0.00  |
| 57) Fluorene-d10               | 15.43 | 176 | 848009  | 19.14 | ng/ul | -0.01 |
| 62) 4,6-Dinitro-2-methylphenol | 15.56 | 200 | 33591   | 4.75  | ng/ul | 0.00  |
| 70) Anthracene-d10             | 17.29 | 188 | 984830  | 16.31 | ng/ul | 0.00  |
| 78) Pyrene-d10                 | 19.58 | 212 | 1092918 | 19.12 | ng/ul | 0.00  |
| 89) Benzo(a)pyrene-d12         | 23.50 | 264 | 546656  | 8.88  | ng/ul | 0.00  |

## Target Compounds

|                                |       |     |         |        | Ovalue    |
|--------------------------------|-------|-----|---------|--------|-----------|
| 6) Phenol                      | 6.99  | 94  | 393885  | 15.853 | ng/ul 99  |
| 10) 2-Chlorophenol             | 7.36  | 128 | 335132  | 16.949 | ng/ul 94  |
| 15) N-Nitroso-di-n-propylamine | 8.60  | 70  | 216355  | 13.697 | ng/ul 97  |
| 33) 4-Chloro-3-methylphenol    | 11.87 | 107 | 291180  | 15.228 | ng/ul 97  |
| 44) Dimethylphthalate          | 13.90 | 163 | 334242  | 6.401  | ng/ul 100 |
| 49) Acenaphthene               | 14.50 | 153 | 842255  | 18.861 | ng/ul 98  |
| 52) 4-Nitrophenol              | 14.66 | 109 | 66707   | 9.093  | ng/ul 98  |
| 54) 2,4-Dinitrotoluene         | 14.81 | 165 | 255864  | 18.070 | ng/ul 99  |
| 68) Pentachlorophenol          | 16.83 | 266 | 106359  | 11.016 | ng/ul 96  |
| 79) Pyrene                     | 19.61 | 202 | 1478807 | 20.257 | ng/ul 96  |

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

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