

Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG081718\  
 Data File : BG036314.D  
 Acq On : 17 Aug 2018 10:51  
 Operator : JU/SJ  
 Sample : MDL-S-BL-01  
 Misc :  
 ALS Vial : 3 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 MDL-S-BL-01

Quant Time: Aug 17 13:32:17 2018  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_G\METHODS\SOM-EPA-BG081618MA.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Fri Aug 17 13:27:45 2018  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 8.08  | 152  | 36334    | 20.00 | ng/ul | 0.00     |
| 18) Naphthalene-d8        | 10.88 | 136  | 142220   | 20.00 | ng/ul | 0.00     |
| 36) Acenaphthene-d10      | 14.70 | 164  | 107384   | 20.00 | ng/ul | 0.00     |
| 62) Phenanthrene-d10      | 17.45 | 188  | 295970   | 20.00 | ng/ul | 0.00     |
| 78) Chrysene-d12          | 21.71 | 240  | 346744   | 20.00 | ng/ul | 0.00     |
| 86) Perylene-d12          | 24.94 | 264  | 322961   | 20.00 | ng/ul | 0.00     |

## System Monitoring Compounds

|                                |       |     |        |       |       |      |
|--------------------------------|-------|-----|--------|-------|-------|------|
| 3) 1,4-Dioxane-d8              | 3.52  | 96  | 6314   | 6.47  | ng/uL | 0.00 |
| 5) Phenol-d5                   | 7.22  | 99  | 112790 | 30.23 | ng/ul | 0.00 |
| 7) Bis-(2-Chloroethyl)ether-d  | 7.41  | 67  | 85020  | 33.34 | ng/ul | 0.00 |
| 9) 2-Chlorophenol-d4           | 7.61  | 132 | 65309  | 31.52 | ng/ul | 0.00 |
| 13) 4-Methylphenol-d8          | 8.77  | 113 | 85206  | 31.34 | ng/ul | 0.00 |
| 19) Nitrobenzene-d5            | 9.23  | 128 | 32129  | 37.97 | ng/ul | 0.00 |
| 22) 2-Nitrophenol-d4           | 9.97  | 143 | 27097  | 32.81 | ng/ul | 0.00 |
| 26) 2,4-Dichlorophenol-d3      | 10.50 | 165 | 72489  | 28.47 | ng/ul | 0.00 |
| 29) 4-Chloroaniline-d4         | 11.01 | 131 | 112518 | 45.57 | ng/ul | 0.00 |
| 44) Dimethylphthalate-d6       | 14.11 | 166 | 349902 | 38.30 | ng/ul | 0.00 |
| 47) Acenaphthylene-d8          | 14.39 | 160 | 389061 | 35.30 | ng/ul | 0.00 |
| 52) 4-Nitrophenol-d4           | 14.87 | 143 | 37203  | 32.94 | ng/ul | 0.00 |
| 58) Fluorene-d10               | 15.69 | 176 | 302588 | 36.26 | ng/ul | 0.00 |
| 63) 4,6-Dinitro-2-methylphenol | 15.80 | 200 | 29090  | 29.80 | ng/ul | 0.00 |
| 71) Anthracene-d10             | 17.54 | 188 | 525983 | 38.39 | ng/ul | 0.00 |
| 79) Pyrene-d10                 | 19.82 | 212 | 651535 | 36.54 | ng/ul | 0.00 |
| 90) Benzo(a)pyrene-d12         | 24.73 | 264 | 635792 | 36.63 | ng/ul | 0.00 |

## Target Compounds

|                                |       |     |      |              | Qvalue |
|--------------------------------|-------|-----|------|--------------|--------|
| 2) 1,4-Dioxane                 | 3.55  | 88  | 198  | 0.165 ng/uL# | 29     |
| 4) Benzaldehyde                | 7.23  | 77  | 185  | 0.061 ng/ul# | 5      |
| 8) Bis(2-Chloroethyl)ether     | 7.51  | 93  | 546  | 0.197 ng/ul# | 21     |
| 12) 2,2'-oxybis(1-Chloropropan | 8.76  | 45  | 601  | 0.175 ng/ul# | 31     |
| 15) N-Nitroso-di-n-propylamine | 8.77  | 70  | 3162 | 1.062 ng/ul# | 1      |
| 21) Isophorone                 | 9.92  | 82  | 106  | 0.013 ng/ul# | 66     |
| 42) 2-Chloronaphthalene        | 13.49 | 162 | 148  | 0.024 ng/ul# | 40     |
| 45) Dimethylphthalate          | 14.12 | 163 | 105  | 0.012 ng/ul# | 1      |
| 59) Fluorene                   | 15.70 | 166 | 696  | 0.082 ng/ul# | 9      |
| 61) 4-Nitroaniline             | 15.79 | 138 | 136  | 0.085 ng/ul# | 1      |
| 70) Phenanthrene               | 17.54 | 178 | 255  | 0.017 ng/ul# | 24     |
| 72) Anthracene                 | 17.56 | 178 | 115  | 0.008 ng/ul# | 27     |
| 73) 1,2,3,4-Tetrachlorobenzene | 13.38 | 216 | 140  | 0.030 ng/ul# | 16     |
| 80) Pyrene                     | 19.82 | 202 | 1011 | 0.047 ng/ul# | 1      |
| 81) Butylbenzylphthalate       | 20.80 | 149 | 157  | 0.024 ng/ul# | 26     |
| 83) Benzo(a)anthracene         | 21.70 | 228 | 543  | 0.025 ng/ul# | 51     |
| 84) Bis(2-ethylhexyl)phthalate | 21.79 | 149 | 239  | 0.026 ng/ul# | 52     |
| 85) Chrysene                   | 21.74 | 228 | 78   | 0.004 ng/ul# | 49     |
| 87) Di-n-octyl phthalate       | 22.87 | 149 | 186  | 0.013 ng/ul  | 100    |
| 91) Benzo(a)pyrene             | 24.74 | 252 | 585  | 0.031 ng/ul# | 90     |
| 93) Dibenzo(a,h)anthracene     | 28.66 | 278 | 66   | 0.004 ng/ul# | 58     |

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

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