

Data Path : Z:\SVOASRV\HPCHEM1\BNA\_M\DATA\BM033019\  
 Data File : BM019615.D  
 Acq On : 30 Mar 2019 12:33  
 Operator : JU/SJ  
 Sample : K2065-06  
 Misc :  
 ALS Vial : 4 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 BF5K0

Quant Time: Mar 30 21:31:18 2019  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_M\METHODS\SOM-EPA-BM032219MA.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Fri Mar 29 14:33:17 2019  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 0.00  | 152  | 0        | 0.00  | ng/ul | -7.58    |
| 18) Naphthalene-d8        | 0.00  | 136  | 0        | 0.00  | ng/ul | -10.36   |
| 36) Acenaphthene-d10      | 14.24 | 164  | 1100     | 20.00 | ng/ul | 0.00     |
| 62) Phenanthrene-d10      | 17.00 | 188  | 1326     | 20.00 | ng/ul | 0.00     |
| 78) Chrysene-d12          | 21.20 | 240  | 2341     | 20.00 | ng/ul | 0.00     |
| 86) Perylene-d12          | 23.27 | 264  | 865242   | 20.00 | ng/ul | -0.14    |

## System Monitoring Compounds

|                                |       |     |        |         |       |      |
|--------------------------------|-------|-----|--------|---------|-------|------|
| 3) 1,4-Dioxane-d8              | 3.13  | 96  | 14128  | 0.00    | ng/uL | 0.00 |
| 5) Phenol-d5                   | 6.76  | 99  | 139953 | 0.00    | ng/ul | 0.00 |
| 7) Bis-(2-Chloroethyl)ether-d  | 6.93  | 67  | 103318 | 0.00    | ng/ul | 0.00 |
| 9) 2-Chlorophenol-d4           | 7.11  | 132 | 114197 | 0.00    | ng/ul | 0.00 |
| 13) 4-Methylphenol-d8          | 8.30  | 113 | 75046  | 0.00    | ng/ul | 0.00 |
| 19) Nitrobenzene-d5            | 8.75  | 128 | 52632  | 0.00    | ng/ul | 0.00 |
| 22) 2-Nitrophenol-d4           | 9.46  | 143 | 45293  | 0.00    | ng/ul | 0.00 |
| 26) 2,4-Dichlorophenol-d3      | 10.00 | 165 | 88864  | 0.00    | ng/ul | 0.00 |
| 29) 4-Chloroaniline-d4         | 10.53 | 131 | 119237 | 0.00    | ng/ul | 0.00 |
| 44) Dimethylphthalate-d6       | 13.66 | 166 | 379373 | 4274.30 | ng/ul | 0.00 |
| 47) Acenaphthylene-d8          | 13.93 | 160 | 477680 | 4304.06 | ng/ul | 0.00 |
| 52) 4-Nitrophenol-d4           | 14.47 | 143 | 228    | 16.39   | ng/ul | 0.00 |
| 58) Fluorene-d10               | 15.23 | 176 | 344806 | 4509.00 | ng/ul | 0.00 |
| 63) 4,6-Dinitro-2-methylphenol | 15.39 | 200 | 8051   | 918.14  | ng/ul | 0.00 |
| 71) Anthracene-d10             | 17.09 | 188 | 538571 | 8463.82 | ng/ul | 0.00 |
| 79) Pyrene-d10                 | 19.40 | 212 | 645239 | 5967.16 | ng/ul | 0.00 |
| 90) Benzo(a)pyrene-d12         | 23.27 | 264 | 862055 | 18.79   | ng/ul | 0.00 |

## Target Compounds

|                                |       |     |       |         | Qvalue |    |
|--------------------------------|-------|-----|-------|---------|--------|----|
| 39) 2,4,6-Trichlorophenol      | 12.65 | 196 | 119   | 5.449   | ng/ul# | 12 |
| 41) 1,1'-Biphenyl              | 13.06 | 154 | 1007  | 10.748  | ng/ul# | 77 |
| 42) 2-Chloronaphthalene        | 12.94 | 162 | 914   | 12.739  | ng/ul# | 45 |
| 43) 2-Nitroaniline             | 13.36 | 65  | 211   | 10.709  | ng/ul# | 24 |
| 45) Dimethylphthalate          | 13.70 | 163 | 63994 | 718.604 | ng/ul  | 99 |
| 46) 2,6-Dinitrotoluene         | 13.84 | 165 | 222   | 13.579  | ng/ul# | 1  |
| 48) Acenaphthylene             | 13.96 | 152 | 5974  | 54.310  | ng/ul# | 63 |
| 49) 3-Nitroaniline             | 14.17 | 138 | 1128  | 70.511  | ng/ul# | 54 |
| 50) Acenaphthene               | 14.30 | 153 | 2721  | 35.123  | ng/ul# | 85 |
| 53) 4-Nitrophenol              | 14.47 | 109 | 718   | 65.938  | ng/ul# | 18 |
| 54) Dibenzofuran               | 14.65 | 168 | 2332  | 21.555  | ng/ul# | 1  |
| 55) 2,4-Dinitrotoluene         | 14.63 | 165 | 1531  | 63.241  | ng/ul# | 92 |
| 57) Diethylphthalate           | 15.07 | 149 | 1717  | 19.602  | ng/ul# | 60 |
| 59) Fluorene                   | 15.29 | 166 | 1820  | 21.229  | ng/ul# | 50 |
| 60) 4-Chlorophenyl-phenylether | 15.29 | 204 | 336   | 7.856   | ng/ul# | 1  |
| 61) 4-Nitroaniline             | 15.36 | 138 | 499   | 28.575  | ng/ul# | 12 |
| 64) 4,6-Dinitro-2-methylphenol | 15.31 | 198 | 2077  | 223.728 | ng/ul# | 1  |
| 65) N-Nitrosodiphenylamine     | 15.48 | 169 | 11802 | 286.084 | ng/ul# | 62 |
| 68) Atrazine                   | 16.47 | 200 | 978   | 67.743  | ng/ul# | 25 |
| 70) Phenanthrene               | 17.04 | 178 | 67169 | 893.419 | ng/ul  | 98 |
| 72) Anthracene                 | 17.04 | 178 | 67541 | 880.577 | ng/ul  | 99 |
| 75) Carbazole                  | 17.43 | 167 | 6291  | 91.455  | ng/ul# | 48 |
| 76) Di-n-butylphthalate        | 17.99 | 149 | 563   | 7.384   | ng/ul# | 28 |

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|--------------------------------|-------|------|----------|----------|--------|----------|
| 77) Fluoranthene               | 19.06 | 202  | 119649   | 1388.850 | ng/ul# | 85       |
| 80) Pyrene                     | 19.43 | 202  | 113565   | 806.359  | ng/ul# | 81       |
| 81) Butylbenzylphthalate       | 20.34 | 149  | 9871     | 177.015  | ng/ul# | 57       |
| 82) 3,3'-Dichlorobenzidine     | 21.13 | 252  | 549      | 10.795   | ng/ul# | 40       |
| 83) Benzo(a)anthracene         | 21.19 | 228  | 58431    | 414.689  | ng/ul# | 90       |
| 84) Bis(2-ethylhexyl)phthalate | 21.11 | 149  | 12660    | 156.631  | ng/ul  | 96       |
| 85) Chrysene                   | 21.24 | 228  | 70689    | 522.846  | ng/ul# | 95       |

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

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