

Data Path : Z:\SVOASRV\HPCHEM1\BNA\_M\DATA\BM040919\  
 Data File : BM019850.D  
 Acq On : 10 Apr 2019 04:32  
 Operator : JU/SJ  
 Sample : K2255-04  
 Misc :  
 ALS Vial : 23 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 BFC46

Quant Time: Apr 10 05:35:28 2019  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_M\METHODS\SOM-EPA-BM032219MA.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Wed Apr 10 03:34:56 2019  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 7.55  | 152  | 115564   | 20.00 | ng/ul | 0.00     |
| 18) Naphthalene-d8        | 10.33 | 136  | 458511   | 20.00 | ng/ul | 0.00     |
| 36) Acenaphthene-d10      | 14.22 | 164  | 236397   | 20.00 | ng/ul | 0.00     |
| 62) Phenanthrene-d10      | 16.98 | 188  | 495188   | 20.00 | ng/ul | 0.00     |
| 78) Chrysene-d12          | 21.19 | 240  | 572448   | 20.00 | ng/ul | 0.00     |
| 86) Perylene-d12          | 23.39 | 264  | 678638   | 20.00 | ng/ul | -0.02    |

## System Monitoring Compounds

|                                |       |     |        |       |       |       |
|--------------------------------|-------|-----|--------|-------|-------|-------|
| 3) 1,4-Dioxane-d8              | 3.13  | 96  | 6945   | 2.35  | ng/uL | 0.01  |
| 5) Phenol-d5                   | 6.75  | 99  | 108645 | 10.56 | ng/ul | 0.00  |
| 7) Bis-(2-Chloroethyl)ether-d  | 6.91  | 67  | 78244  | 11.36 | ng/ul | 0.00  |
| 9) 2-Chlorophenol-d4           | 7.09  | 132 | 97398  | 12.49 | ng/ul | 0.00  |
| 13) 4-Methylphenol-d8          | 8.28  | 113 | 78826  | 10.20 | ng/ul | 0.00  |
| 19) Nitrobenzene-d5            | 8.73  | 128 | 44719  | 13.67 | ng/ul | 0.00  |
| 22) 2-Nitrophenol-d4           | 9.44  | 143 | 50522  | 13.88 | ng/ul | 0.00  |
| 26) 2,4-Dichlorophenol-d3      | 9.99  | 165 | 80888  | 11.78 | ng/ul | 0.01  |
| 29) 4-Chloroaniline-d4         | 10.52 | 131 | 68716  | 8.33  | ng/ul | 0.01  |
| 44) Dimethylphthalate-d6       | 13.64 | 166 | 266200 | 13.96 | ng/ul | 0.00  |
| 47) Acenaphthylene-d8          | 13.91 | 160 | 319732 | 13.41 | ng/ul | 0.00  |
| 52) 4-Nitrophenol-d4           | 14.53 | 143 | 11708  | 3.92  | ng/ul | 0.05  |
| 58) Fluorene-d10               | 15.22 | 176 | 227771 | 13.86 | ng/ul | 0.00  |
| 63) 4,6-Dinitro-2-methylphenol | 15.39 | 200 | 18092  | 5.52  | ng/ul | 0.00  |
| 71) Anthracene-d10             | 17.08 | 188 | 348987 | 14.69 | ng/ul | 0.00  |
| 79) Pyrene-d10                 | 19.39 | 212 | 379817 | 14.36 | ng/ul | -0.01 |
| 90) Benzo(a)pyrene-d12         | 23.26 | 264 | 455066 | 12.65 | ng/ul | 0.00  |

## Target Compounds

|                                |       |     |        |        | Qvalue |    |
|--------------------------------|-------|-----|--------|--------|--------|----|
| 11) 2-Methylphenol             | 7.83  | 108 | 8425   | 1.125  | ng/ul  | 83 |
| 45) Dimethylphthalate          | 13.69 | 163 | 99260  | 5.187  | ng/ul# | 98 |
| 70) Phenanthrene               | 17.02 | 178 | 140752 | 5.013  | ng/ul  | 99 |
| 72) Anthracene                 | 17.02 | 178 | 140752 | 4.914  | ng/ul  | 98 |
| 76) Di-n-butylphthalate        | 17.95 | 149 | 70311  | 2.469  | ng/ul  | 99 |
| 77) Fluoranthene               | 19.05 | 202 | 184378 | 5.731  | ng/ul# | 88 |
| 80) Pyrene                     | 19.42 | 202 | 150432 | 4.368  | ng/ul# | 87 |
| 81) Butylbenzylphthalate       | 20.32 | 149 | 107087 | 7.853  | ng/ul# | 88 |
| 83) Benzo(a)anthracene         | 21.17 | 228 | 74598  | 2.165  | ng/ul  | 96 |
| 84) Bis(2-ethylhexyl)phthalate | 21.09 | 149 | 217094 | 10.984 | ng/ul# | 96 |
| 85) Chrysene                   | 21.23 | 228 | 80775  | 2.443  | ng/ul  | 97 |
| 88) Benzo(b)fluoranthene       | 22.74 | 252 | 125515 | 3.036  | ng/ul# | 92 |
| 91) Benzo(a)pyrene             | 23.30 | 252 | 64772  | 1.639  | ng/ul# | 79 |
| 92) Indeno(1,2,3-cd)pyrene     | 25.62 | 276 | 65339  | 1.320  | ng/ul# | 88 |
| 94) Benzo(g,h,i)perylene       | 26.29 | 276 | 59350  | 1.435  | ng/ul# | 90 |

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

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