

Data Path : Z:\HPCHEM1\BNA\_M\Data\BM030118\  
 Data File : BM014446.D  
 Acq On : 01 Mar 2018 23:11  
 Operator : SJ/JU  
 Sample : J1679-02  
 Misc :  
 ALS Vial : 10 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 BE5Z7

Quant Time: Mar 02 11:26:27 2018  
 Quant Method : Z:\HPCHEM1\BNA\_M\METHODS\SOM-EPA-BM021418.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Thu Mar 01 03:03:26 2018  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 7.52  | 152  | 60133    | 20.00 | ng/ul | 0.00     |
| 18) Naphthalene-d8        | 10.29 | 136  | 302528   | 20.00 | ng/ul | 0.00     |
| 35) Acenaphthene-d10      | 14.18 | 164  | 200313   | 20.00 | ng/ul | 0.00     |
| 61) Phenanthrene-d10      | 16.94 | 188  | 493833   | 20.00 | ng/ul | 0.01     |
| 75) Chrysene-d12          | 21.17 | 240  | 697955   | 20.00 | ng/ul | 0.02     |
| 83) Perylene-d12          | 23.36 | 264  | 553038   | 20.00 | ng/ul | 0.04     |

## System Monitoring Compounds

|                                |       |     |        |       |       |       |
|--------------------------------|-------|-----|--------|-------|-------|-------|
| 3) 1,4-Dioxane-d8              | 3.09  | 96  | 4227   | 3.01  | ng/uL | 0.00  |
| 5) Phenol-d5                   | 6.73  | 99  | 105559 | 20.77 | ng/ul | 0.02  |
| 7) Bis-(2-Chloroethyl)ether-d  | 6.87  | 67  | 62372  | 20.27 | ng/ul | 0.00  |
| 9) 2-Chlorophenol-d4           | 7.06  | 132 | 87220  | 22.38 | ng/ul | 0.01  |
| 13) 4-Methylphenol-d8          | 8.26  | 113 | 87932  | 19.77 | ng/ul | 0.02  |
| 19) Nitrobenzene-d5            | 8.68  | 128 | 47380  | 21.19 | ng/ul | 0.01  |
| 22) 2-Nitrophenol-d4           | 9.39  | 143 | 50342  | 21.76 | ng/ul | 0.00  |
| 26) 2,4-Dichlorophenol-d3      | 9.95  | 165 | 96431  | 20.12 | ng/ul | 0.02  |
| 29) 4-Chloroaniline-d4         | 10.46 | 131 | 112247 | 23.77 | ng/ul | 0.01  |
| 43) Dimethylphthalate-d6       | 13.60 | 166 | 337052 | 20.38 | ng/ul | 0.00  |
| 46) Acenaphthylene-d8          | 13.87 | 160 | 450192 | 22.07 | ng/ul | 0.00  |
| 51) 4-Nitrophenol-d4           | 14.42 | 143 | 391    | 0.17  | ng/ul | -0.01 |
| 57) Fluorene-d10               | 15.19 | 176 | 301078 | 20.32 | ng/ul | 0.01  |
| 62) 4,6-Dinitro-2-methylphenol | 15.34 | 200 | 122    | 0.04  | ng/ul | 0.00  |
| 70) Anthracene-d10             | 17.04 | 188 | 501110 | 21.03 | ng/ul | 0.01  |
| 76) Pyrene-d10                 | 19.36 | 212 | 676152 | 18.78 | ng/ul | 0.02  |
| 87) Benzo(a)pyrene-d12         | 23.22 | 264 | 559307 | 20.78 | ng/ul | 0.03  |

## Target Compounds

|                            |       |     |         |         | Qvalue |     |
|----------------------------|-------|-----|---------|---------|--------|-----|
| 28) Naphthalene            | 10.34 | 128 | 24402   | 1.570   | ng/ul# | 95  |
| 44) Dimethylphthalate      | 13.65 | 163 | 100604  | 6.167   | ng/ul  | 96  |
| 47) Acenaphthylene         | 13.90 | 152 | 93869   | 4.869   | ng/ul  | 98  |
| 49) Acenaphthene           | 14.25 | 153 | 80639   | 5.940   | ng/ul  | 99  |
| 53) Dibenzofuran           | 14.59 | 168 | 162857  | 8.000   | ng/ul  | 92  |
| 58) Fluorene               | 15.24 | 166 | 255187  | 14.521  | ng/ul  | 98  |
| 69) Phenanthrene           | 16.99 | 178 | 4084846 | 143.566 | ng/ul  | 100 |
| 71) Anthracene             | 17.08 | 178 | 886210  | 30.971  | ng/ul  | 99  |
| 72) Carbazole              | 17.37 | 167 | 352955  | 14.669  | ng/ul  | 97  |
| 74) Fluoranthene           | 19.03 | 202 | 5595953 | 164.619 | ng/ul# | 92  |
| 77) Pyrene                 | 19.40 | 202 | 4403239 | 94.930  | ng/ul# | 94  |
| 80) Benzo(a)anthracene     | 21.15 | 228 | 2342272 | 53.772  | ng/ul  | 98  |
| 82) Chrysene               | 21.20 | 228 | 1833398 | 45.118  | ng/ul  | 97  |
| 85) Benzo(b)fluoranthene   | 22.71 | 252 | 2098680 | 56.674  | ng/ul# | 96  |
| 86) Benzo(k)fluoranthene   | 22.71 | 252 | 2098680 | 59.610  | ng/ul# | 94  |
| 88) Benzo(a)pyrene         | 23.26 | 252 | 1397483 | 42.232  | ng/ul# | 95  |
| 89) Indeno(1,2,3-cd)pyrene | 25.54 | 276 | 825595  | 25.711  | ng/ul# | 97  |
| 90) Dibenzo(a,h)anthracene | 25.53 | 278 | 229994  | 8.620   | ng/ul# | 76  |
| 91) Benzo(g,h,i)perylene   | 26.21 | 276 | 707993  | 27.218  | ng/ul# | 94  |

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

