

Data Path : Z:\HPCHEM1\BNA M\DATA\BM102717\  
 Data File : BM012510.D  
 Acq On : 28 Oct 2017 06:04  
 Operator : SJ/JU  
 Sample : I5719-12 5X  
 Misc :  
 ALS Vial : 34 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :

Quant Time: Oct 30 06:27:12 2017  
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM102417.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Mon Oct 30 05:30:34 2017  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 7.87  | 152  | 492187   | 20.00 | ng/ul | 0.00     |
| 18) Naphthalene-d8        | 10.66 | 136  | 1781867  | 20.00 | ng/ul | 0.00     |
| 35) Acenaphthene-d10      | 14.50 | 164  | 973798   | 20.00 | ng/ul | 0.00     |
| 61) Phenanthrene-d10      | 17.24 | 188  | 2151158  | 20.00 | ng/ul | 0.00     |
| 75) Chrysene-d12          | 21.42 | 240  | 2523173  | 20.00 | ng/ul | 0.00     |
| 83) Perylene-d12          | 23.72 | 264  | 2889079  | 20.00 | ng/ul | 0.00     |

## System Monitoring Compounds

|                                |       |     |        |      |       |      |
|--------------------------------|-------|-----|--------|------|-------|------|
| 3) 1,4-Dioxane-d8              | 3.36  | 96  | 13528  | 1.40 | ng/uL | 0.00 |
| 5) Phenol-d5                   | 7.04  | 99  | 219383 | 5.34 | ng/ul | 0.00 |
| 7) Bis-(2-Chloroethyl)ether-d  | 7.20  | 67  | 138924 | 5.69 | ng/ul | 0.00 |
| 9) 2-Chlorophenol-d4           | 7.40  | 132 | 182058 | 5.91 | ng/ul | 0.00 |
| 13) 4-Methylphenol-d8          | 8.57  | 113 | 179615 | 5.11 | ng/ul | 0.00 |
| 19) Nitrobenzene-d5            | 9.02  | 128 | 82926  | 7.43 | ng/ul | 0.00 |
| 22) 2-Nitrophenol-d4           | 9.75  | 143 | 89013  | 7.74 | ng/ul | 0.00 |
| 26) 2,4-Dichlorophenol-d3      | 10.29 | 165 | 174557 | 5.73 | ng/ul | 0.00 |
| 29) 4-Chloroaniline-d4         | 10.80 | 131 | 128007 | 3.99 | ng/ul | 0.00 |
| 43) Dimethylphthalate-d6       | 13.90 | 166 | 509039 | 5.98 | ng/ul | 0.00 |
| 46) Acenaphthylene-d8          | 14.19 | 160 | 615255 | 6.11 | ng/ul | 0.00 |
| 51) 4-Nitrophenol-d4           | 14.70 | 143 | 58753  | 4.65 | ng/ul | 0.00 |
| 57) Fluorene-d10               | 15.49 | 176 | 433026 | 6.01 | ng/ul | 0.00 |
| 62) 4,6-Dinitro-2-methylphenol | 15.62 | 200 | 41873  | 4.02 | ng/ul | 0.00 |
| 70) Anthracene-d10             | 17.34 | 188 | 673918 | 6.57 | ng/ul | 0.00 |
| 76) Pyrene-d10                 | 19.63 | 212 | 748248 | 6.46 | ng/ul | 0.00 |
| 87) Benzo(a)pyrene-d12         | 23.57 | 264 | 848853 | 6.18 | ng/ul | 0.00 |

## Target Compounds

|                            |       |     |          |       | Ovalue |    |
|----------------------------|-------|-----|----------|-------|--------|----|
| 6) Phenol                  | 7.06  | 94  | 44896    | 1.05  | ng/ul# | 84 |
| 28) Naphthalene            | 10.71 | 128 | 357837   | 4.05  | ng/ul  | 99 |
| 34) 2-Methylnaphthalene    | 12.32 | 142 | 130914   | 1.82  | ng/ul  | 99 |
| 44) Dimethylphthalate      | 13.95 | 163 | 274953   | 3.27  | ng/ul  | 98 |
| 49) Acenaphthene           | 14.56 | 153 | 213055   | 3.24  | ng/ul  | 95 |
| 53) Dibenzofuran           | 14.90 | 168 | 346833   | 3.56  | ng/ul  | 96 |
| 58) Fluorene               | 15.54 | 166 | 310918   | 3.78  | ng/ul  | 95 |
| 69) Phenanthrene           | 17.29 | 178 | 5064631  | 43.54 | ng/ul  | 99 |
| 71) Anthracene             | 17.37 | 178 | 1332459  | 11.08 | ng/ul  | 99 |
| 72) Carbazole              | 17.64 | 167 | 317265   | 3.19  | ng/ul  | 99 |
| 74) Fluoranthene           | 19.30 | 202 | 7026491  | 53.31 | ng/ul# | 92 |
| 77) Pyrene                 | 19.66 | 202 | 6375334  | 44.43 | ng/ul# | 90 |
| 80) Benzo(a)anthracene     | 21.40 | 228 | 3569933  | 23.63 | ng/ul  | 97 |
| 82) Chrysene               | 21.45 | 228 | 3143321  | 23.40 | ng/ul  | 97 |
| 85) Benzo(b)fluoranthene   | 23.03 | 252 | 4629718  | 25.92 | ng/ul# | 97 |
| 86) Benzo(k)fluoranthene   | 23.07 | 252 | 1461023m | 8.69  | ng/ul  |    |
| 88) Benzo(a)pyrene         | 23.62 | 252 | 3302524  | 19.39 | ng/ul# | 98 |
| 89) Indeno(1,2,3-cd)pyrene | 26.06 | 276 | 2521815  | 12.58 | ng/ul  | 97 |
| 90) Dibenzo(a,h)anthracene | 26.07 | 278 | 668047   | 3.93  | ng/ul# | 85 |
| 91) Benzo(g,h,i)perylene   | 26.78 | 276 | 2087442  | 12.85 | ng/ul# | 96 |

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

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