

Data Path : Z:\HPCHEM1\BNA\_M\Data\BM011516\  
 Data File : BM004037.D  
 Acq On : 15 Jan 2016 06:41  
 Operator : SJ/UM  
 Sample : H1099-14  
 Misc :  
 ALS Vial : 22 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 BC9E0

Quant Time: Jan 15 11:42:59 2016  
 Quant Method : Z:\HPCHEM1\BNA\_M\METHODS\SOM02.2-EPA-BM010116.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Fri Jan 15 00:28:21 2016  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 7.66  | 152  | 40164    | 20.00 | ng/ul | 0.00     |
| 18) Naphthalene-d8        | 10.45 | 136  | 194138   | 20.00 | ng/ul | 0.00     |
| 36) Acenaphthene-d10      | 14.32 | 164  | 113209   | 20.00 | ng/ul | 0.00     |
| 62) Phenanthrene-d10      | 17.07 | 188  | 245941   | 20.00 | ng/ul | 0.00     |
| 78) Chrysene-d12          | 21.27 | 240  | 213120   | 20.00 | ng/ul | 0.00     |
| 86) Perylene-d12          | 23.51 | 264  | 187109   | 20.00 | ng/ul | 0.00     |

## System Monitoring Compounds

|                                |       |     |        |       |       |      |
|--------------------------------|-------|-----|--------|-------|-------|------|
| 3) 1,4-Dioxane-d8              | 3.13  | 96  | 3109   | 3.46  | ng/uL | 0.00 |
| 5) Phenol-d5                   | 6.85  | 99  | 73819  | 22.14 | ng/ul | 0.00 |
| 7) Bis-(2-Chloroethyl)ether-d  | 7.00  | 67  | 44560  | 23.64 | ng/ul | 0.00 |
| 9) 2-Chlorophenol-d4           | 7.20  | 132 | 61950  | 22.60 | ng/ul | 0.00 |
| 13) 4-Methylphenol-d8          | 8.37  | 113 | 32531  | 12.04 | ng/ul | 0.00 |
| 19) Nitrobenzene-d5            | 8.82  | 128 | 32867  | 22.47 | ng/ul | 0.00 |
| 22) 2-Nitrophenol-d4           | 9.54  | 143 | 36249  | 22.61 | ng/ul | 0.00 |
| 26) 2,4-Dichlorophenol-d3      | 10.08 | 165 | 59086  | 20.75 | ng/ul | 0.00 |
| 29) 4-Chloroaniline-d4         | 10.59 | 131 | 63104  | 16.78 | ng/ul | 0.00 |
| 44) Dimethylphthalate-d6       | 13.73 | 166 | 212119 | 23.87 | ng/ul | 0.00 |
| 47) Acenaphthylene-d8          | 14.01 | 160 | 259242 | 23.94 | ng/ul | 0.00 |
| 52) 4-Nitrophenol-d4           | 14.54 | 143 | 28180  | 17.65 | ng/ul | 0.00 |
| 58) Fluorene-d10               | 15.32 | 176 | 185161 | 24.56 | ng/ul | 0.00 |
| 63) 4,6-Dinitro-2-methylphenol | 15.45 | 200 | 19985  | 14.41 | ng/ul | 0.00 |
| 71) Anthracene-d10             | 17.17 | 188 | 270298 | 23.76 | ng/ul | 0.00 |
| 79) Pyrene-d10                 | 19.47 | 212 | 288337 | 26.12 | ng/ul | 0.00 |
| 90) Benzo(a)pyrene-d12         | 23.37 | 264 | 232986 | 24.93 | ng/ul | 0.00 |

## Target Compounds

|                                |       |     |        |       |        | Qvalue |
|--------------------------------|-------|-----|--------|-------|--------|--------|
| 6) Phenol                      | 6.87  | 94  | 3661   | 1.04  | ng/ul  | 91     |
| 14) Acetophenone               | 8.49  | 105 | 7256   | 1.72  | ng/ul  | 97     |
| 45) Dimethylphthalate          | 13.77 | 163 | 84888  | 9.37  | ng/ul  | 99     |
| 64) 4,6-Dinitro-2-methylphenol | 15.37 | 198 | 2392   | 1.62  | ng/ul# | 55     |
| 70) Phenanthrene               | 17.11 | 178 | 83693  | 6.05  | ng/ul  | 99     |
| 72) Anthracene                 | 17.20 | 178 | 14362  | 1.01  | ng/ul  | 99     |
| 77) Fluoranthene               | 19.14 | 202 | 129406 | 9.00  | ng/ul  | 99     |
| 80) Pyrene                     | 19.50 | 202 | 160645 | 11.10 | ng/ul  | 99     |
| 83) Benzo(a)anthracene         | 21.26 | 228 | 63690  | 5.02  | ng/ul  | 98     |
| 85) Chrysene                   | 21.31 | 228 | 69779  | 5.79  | ng/ul  | 98     |
| 88) Benzo(b)fluoranthene       | 22.84 | 252 | 67210  | 5.91  | ng/ul# | 97     |
| 89) Benzo(k)fluoranthene       | 22.84 | 252 | 42886  | 3.96  | ng/ul# | 97     |
| 91) Benzo(a)pyrene             | 23.41 | 252 | 49633  | 4.60  | ng/ul  | 97     |
| 92) Indeno(1,2,3-cd)pyrene     | 25.75 | 276 | 27875  | 2.34  | ng/ul  | 98     |
| 94) Benzo(g,h,i)perylene       | 26.44 | 276 | 22925  | 2.29  | ng/ul  | 98     |

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

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