

Data Path : Z:\HPCHEM1\BNA M\Data\BM011416\  
 Data File : BM004010.D  
 Acq On : 14 Jan 2016 07:01  
 Operator : SJ/UM  
 Sample : H1098-16  
 Misc :  
 ALS Vial : 22 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 BC967

Quant Time: Jan 14 13:07:12 2016  
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM02.2-EPA-BM010116.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Wed Jan 13 06:45:02 2016  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 7.66  | 152  | 44567    | 20.00 | ng/ul | 0.00     |
| 18) Naphthalene-d8        | 10.45 | 136  | 216548   | 20.00 | ng/ul | 0.00     |
| 36) Acenaphthene-d10      | 14.32 | 164  | 126451   | 20.00 | ng/ul | 0.00     |
| 62) Phenanthrene-d10      | 17.07 | 188  | 277158   | 20.00 | ng/ul | 0.00     |
| 78) Chrysene-d12          | 21.27 | 240  | 242698   | 20.00 | ng/ul | 0.00     |
| 86) Perylene-d12          | 23.51 | 264  | 203840   | 20.00 | ng/ul | 0.00     |

## System Monitoring Compounds

|                                |       |     |        |       |       |      |
|--------------------------------|-------|-----|--------|-------|-------|------|
| 3) 1,4-Dioxane-d8              | 3.13  | 96  | 3278   | 3.29  | ng/uL | 0.00 |
| 5) Phenol-d5                   | 6.84  | 99  | 84081  | 22.72 | ng/ul | 0.00 |
| 7) Bis-(2-Chloroethyl)ether-d  | 7.00  | 67  | 49904  | 23.86 | ng/ul | 0.00 |
| 9) 2-Chlorophenol-d4           | 7.20  | 132 | 71489  | 23.51 | ng/ul | 0.00 |
| 13) 4-Methylphenol-d8          | 8.37  | 113 | 68436  | 22.82 | ng/ul | 0.00 |
| 19) Nitrobenzene-d5            | 8.82  | 128 | 37312  | 22.87 | ng/ul | 0.00 |
| 22) 2-Nitrophenol-d4           | 9.54  | 143 | 41272  | 23.08 | ng/ul | 0.00 |
| 26) 2,4-Dichlorophenol-d3      | 10.08 | 165 | 73788  | 23.23 | ng/ul | 0.00 |
| 29) 4-Chloroaniline-d4         | 10.59 | 131 | 103157 | 24.60 | ng/ul | 0.00 |
| 44) Dimethylphthalate-d6       | 13.73 | 166 | 263446 | 26.54 | ng/ul | 0.00 |
| 47) Acenaphthylene-d8          | 14.01 | 160 | 322404 | 26.66 | ng/ul | 0.00 |
| 52) 4-Nitrophenol-d4           | 14.54 | 143 | 38166  | 21.41 | ng/ul | 0.00 |
| 58) Fluorene-d10               | 15.32 | 176 | 234016 | 27.79 | ng/ul | 0.00 |
| 63) 4,6-Dinitro-2-methylphenol | 15.45 | 200 | 30369  | 19.43 | ng/ul | 0.00 |
| 71) Anthracene-d10             | 17.17 | 188 | 365695 | 28.53 | ng/ul | 0.00 |
| 79) Pyrene-d10                 | 19.47 | 212 | 381879 | 30.38 | ng/ul | 0.00 |
| 90) Benzo(a)pyrene-d12         | 23.37 | 264 | 297542 | 29.23 | ng/ul | 0.00 |

## Target Compounds

|                          |       |     |        |       |        | Ovalue |
|--------------------------|-------|-----|--------|-------|--------|--------|
| 45) Dimethylphthalate    | 13.77 | 163 | 165242 | 16.33 | ng/ul  | 100    |
| 70) Phenanthrene         | 17.11 | 178 | 30276  | 1.94  | ng/ul  | 98     |
| 77) Fluoranthene         | 19.14 | 202 | 53836  | 3.32  | ng/ul  | 98     |
| 80) Pyrene               | 19.50 | 202 | 58985  | 3.58  | ng/ul  | 100    |
| 83) Benzo(a)anthracene   | 21.26 | 228 | 23957  | 1.66  | ng/ul  | 97     |
| 85) Chrysene             | 21.32 | 228 | 26349  | 1.92  | ng/ul  | 98     |
| 88) Benzo(b)fluoranthene | 22.84 | 252 | 26069  | 2.10  | ng/ul# | 98     |
| 91) Benzo(a)pyrene       | 23.41 | 252 | 19259  | 1.64  | ng/ul  | 96     |

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

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