

Data Path : Z:\HPCHEM1\BNA M\Data\BM011416\  
 Data File : BM004002.D  
 Acq On : 14 Jan 2016 02:16  
 Operator : SJ/UM  
 Sample : H1098-06  
 Misc :  
 ALS Vial : 14 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :

Quant Time: Jan 14 11:35:40 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  | 42192    | 20.00 | ng/ul | 0.00     |
| 18) Naphthalene-d8        | 10.45 | 136  | 204016   | 20.00 | ng/ul | 0.00     |
| 36) Acenaphthene-d10      | 14.32 | 164  | 121036   | 20.00 | ng/ul | 0.00     |
| 62) Phenanthrene-d10      | 17.07 | 188  | 271870   | 20.00 | ng/ul | 0.00     |
| 78) Chrysene-d12          | 21.27 | 240  | 247575   | 20.00 | ng/ul | 0.00     |
| 86) Perylene-d12          | 23.51 | 264  | 206169   | 20.00 | ng/ul | 0.00     |

## System Monitoring Compounds

|                                |       |     |        |       |       |      |
|--------------------------------|-------|-----|--------|-------|-------|------|
| 3) 1,4-Dioxane-d8              | 3.13  | 96  | 2904   | 3.08  | ng/uL | 0.00 |
| 5) Phenol-d5                   | 6.84  | 99  | 68137  | 19.45 | ng/ul | 0.00 |
| 7) Bis-(2-Chloroethyl)ether-d  | 7.00  | 67  | 42265  | 21.34 | ng/ul | 0.00 |
| 9) 2-Chlorophenol-d4           | 7.20  | 132 | 59703  | 20.74 | ng/ul | 0.00 |
| 13) 4-Methylphenol-d8          | 8.37  | 113 | 48306  | 17.02 | ng/ul | 0.00 |
| 19) Nitrobenzene-d5            | 8.82  | 128 | 30040  | 19.55 | ng/ul | 0.00 |
| 22) 2-Nitrophenol-d4           | 9.54  | 143 | 33259  | 19.74 | ng/ul | 0.00 |
| 26) 2,4-Dichlorophenol-d3      | 10.08 | 165 | 59074  | 19.74 | ng/ul | 0.00 |
| 29) 4-Chloroaniline-d4         | 10.59 | 131 | 73511  | 18.60 | ng/ul | 0.00 |
| 44) Dimethylphthalate-d6       | 13.73 | 166 | 208026 | 21.89 | ng/ul | 0.00 |
| 47) Acenaphthylene-d8          | 14.01 | 160 | 255285 | 22.05 | ng/ul | 0.00 |
| 52) 4-Nitrophenol-d4           | 14.54 | 143 | 24707  | 14.48 | ng/ul | 0.00 |
| 58) Fluorene-d10               | 15.32 | 176 | 187154 | 23.22 | ng/ul | 0.00 |
| 63) 4,6-Dinitro-2-methylphenol | 15.45 | 200 | 20950  | 13.66 | ng/ul | 0.00 |
| 71) Anthracene-d10             | 17.17 | 188 | 293550 | 23.35 | ng/ul | 0.00 |
| 79) Pyrene-d10                 | 19.47 | 212 | 311495 | 24.29 | ng/ul | 0.00 |
| 90) Benzo(a)pyrene-d12         | 23.37 | 264 | 244626 | 23.76 | ng/ul | 0.00 |

## Target Compounds

|                            |       |     |        |       |        | Ovalue |
|----------------------------|-------|-----|--------|-------|--------|--------|
| 45) Dimethylphthalate      | 13.77 | 163 | 77775  | 8.03  | ng/ul  | 99     |
| 70) Phenanthrene           | 17.11 | 178 | 152603 | 9.98  | ng/ul  | 99     |
| 72) Anthracene             | 17.20 | 178 | 36246  | 2.31  | ng/ul  | 100    |
| 77) Fluoranthene           | 19.14 | 202 | 291547 | 18.35 | ng/ul  | 100    |
| 80) Pyrene                 | 19.50 | 202 | 310421 | 18.47 | ng/ul  | 99     |
| 83) Benzo(a)anthracene     | 21.26 | 228 | 142073 | 9.64  | ng/ul  | 98     |
| 85) Chrysene               | 21.31 | 228 | 148182 | 10.58 | ng/ul  | 98     |
| 88) Benzo(b)fluoranthene   | 22.84 | 252 | 137744 | 10.99 | ng/ul  | 98     |
| 89) Benzo(k)fluoranthene   | 22.84 | 252 | 35229  | 2.95  | ng/ul  | 97     |
| 91) Benzo(a)pyrene         | 23.41 | 252 | 105015 | 8.83  | ng/ul  | 96     |
| 92) Indeno(1,2,3-cd)pyrene | 25.76 | 276 | 59101  | 4.49  | ng/ul  | 96     |
| 93) Dibenzo(a,h)anthracene | 25.75 | 278 | 19180  | 1.74  | ng/ul# | 89     |
| 94) Benzo(g,h,i)perylene   | 26.44 | 276 | 58604  | 5.31  | ng/ul  | 99     |

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

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