

Data Path : Z:\HPCHEM1\BNA\_M\Data\BM012116\  
 Data File : BM004099.D  
 Acq On : 21 Jan 2016 11:22  
 Operator : SJ/UM  
 Sample : H1174-01DL 100X  
 Misc :  
 ALS Vial : 5 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 BC9J1DL

Quant Time: Jan 21 11:59:22 2016  
 Quant Method : Z:\HPCHEM1\BNA\_M\METHODS\SOM02.2-EPA-BM012016.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Thu Jan 21 11:40:38 2016  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 7.66  | 152  | 20293    | 20.00 | ng/ul | 0.00     |
| 18) Naphthalene-d8        | 10.45 | 136  | 107039   | 20.00 | ng/ul | 0.00     |
| 36) Acenaphthene-d10      | 14.32 | 164  | 71922    | 20.00 | ng/ul | 0.00     |
| 62) Phenanthrene-d10      | 17.07 | 188  | 179829   | 20.00 | ng/ul | 0.00     |
| 78) Chrysene-d12          | 21.27 | 240  | 240437   | 20.00 | ng/ul | 0.00     |
| 86) Perylene-d12          | 23.51 | 264  | 258204   | 20.00 | ng/ul | 0.00     |

## System Monitoring Compounds

|                                |       |     |      |      |       |      |
|--------------------------------|-------|-----|------|------|-------|------|
| 3) 1,4-Dioxane-d8              | 0.00  | 96  | 0    | 0.00 | ng/uL |      |
| 5) Phenol-d5                   | 0.00  | 99  | 0    | 0.00 | ng/ul |      |
| 7) Bis-(2-Chloroethyl)ether-d  | 0.00  | 67  | 0    | 0.00 | ng/ul |      |
| 9) 2-Chlorophenol-d4           | 0.00  | 132 | 0    | 0.00 | ng/ul |      |
| 13) 4-Methylphenol-d8          | 0.00  | 113 | 0    | 0.00 | ng/ul |      |
| 19) Nitrobenzene-d5            | 0.00  | 128 | 0    | 0.00 | ng/ul |      |
| 22) 2-Nitrophenol-d4           | 0.00  | 143 | 0    | 0.00 | ng/ul |      |
| 26) 2,4-Dichlorophenol-d3      | 0.00  | 165 | 0    | 0.00 | ng/ul |      |
| 29) 4-Chloroaniline-d4         | 0.00  | 131 | 0    | 0.00 | ng/ul |      |
| 44) Dimethylphthalate-d6       | 13.73 | 166 | 566  | 0.09 | ng/ul | 0.00 |
| 47) Acenaphthylene-d8          | 14.01 | 160 | 749  | 0.10 | ng/ul | 0.00 |
| 52) 4-Nitrophenol-d4           | 0.00  | 143 | 0    | 0.00 | ng/ul |      |
| 58) Fluorene-d10               | 15.32 | 176 | 1061 | 0.20 | ng/ul | 0.00 |
| 63) 4,6-Dinitro-2-methylphenol | 0.00  | 200 | 0    | 0.00 | ng/ul |      |
| 71) Anthracene-d10             | 17.17 | 188 | 2037 | 0.23 | ng/ul | 0.00 |
| 79) Pyrene-d10                 | 19.47 | 212 | 1906 | 0.18 | ng/ul | 0.00 |
| 90) Benzo(a)pyrene-d12         | 23.37 | 264 | 2248 | 0.17 | ng/ul | 0.00 |

| Target Compounds   |       |     |        |              | Qvalue |
|--------------------|-------|-----|--------|--------------|--------|
| 41) 1,1'-Biphenyl  | 13.14 | 154 | 180978 | 29.42 ng/ul  | 100    |
| 43) 2-Nitroaniline | 13.37 | 65  | 23398  | 17.48 ng/ul# | 1      |

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

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