

Data Path : Z:\HPCHEM1\BNA M\DATA\BM021216\  
 Data File : BM004252.D  
 Acq On : 13 Feb 2016 06:15  
 Operator : SJ/IZ  
 Sample : H1414-14  
 Misc :  
 ALS Vial : 26 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 D9QD7

Quant Time: Feb 15 01:11:57 2016  
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM02.2-EPA-BM021216.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Sat Feb 13 05:01:22 2016  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 7.65  | 152  | 36099    | 20.00 | ng/ul | 0.00     |
| 18) Naphthalene-d8        | 10.43 | 136  | 163574   | 20.00 | ng/ul | 0.00     |
| 36) Acenaphthene-d10      | 14.30 | 164  | 91347    | 20.00 | ng/ul | 0.00     |
| 62) Phenanthrene-d10      | 17.06 | 188  | 183279   | 20.00 | ng/ul | 0.00     |
| 78) Chrysene-d12          | 21.27 | 240  | 154860   | 20.00 | ng/ul | 0.00     |
| 86) Perylene-d12          | 23.50 | 264  | 153068   | 20.00 | ng/ul | 0.00     |

## System Monitoring Compounds

|                                |       |     |        |       |       |      |
|--------------------------------|-------|-----|--------|-------|-------|------|
| 3) 1,4-Dioxane-d8              | 3.11  | 96  | 1913   | 2.67  | ng/uL | 0.00 |
| 5) Phenol-d5                   | 6.83  | 99  | 46233  | 15.94 | ng/ul | 0.00 |
| 7) Bis-(2-Chloroethyl)ether-d  | 6.98  | 67  | 25005  | 15.97 | ng/ul | 0.00 |
| 9) 2-Chlorophenol-d4           | 7.18  | 132 | 42610  | 16.57 | ng/ul | 0.00 |
| 13) 4-Methylphenol-d8          | 8.36  | 113 | 41760  | 16.91 | ng/ul | 0.00 |
| 19) Nitrobenzene-d5            | 8.80  | 128 | 20623  | 16.40 | ng/ul | 0.00 |
| 22) 2-Nitrophenol-d4           | 9.52  | 143 | 23856  | 16.97 | ng/ul | 0.00 |
| 26) 2,4-Dichlorophenol-d3      | 10.06 | 165 | 40737  | 16.07 | ng/ul | 0.00 |
| 29) 4-Chloroaniline-d4         | 10.58 | 131 | 19604  | 6.50  | ng/ul | 0.00 |
| 44) Dimethylphthalate-d6       | 13.72 | 166 | 131791 | 17.34 | ng/ul | 0.00 |
| 47) Acenaphthylene-d8          | 14.00 | 160 | 161076 | 17.44 | ng/ul | 0.00 |
| 52) 4-Nitrophenol-d4           | 14.54 | 143 | 14510  | 11.80 | ng/ul | 0.01 |
| 58) Fluorene-d10               | 15.30 | 176 | 110733 | 17.28 | ng/ul | 0.00 |
| 63) 4,6-Dinitro-2-methylphenol | 15.44 | 200 | 15112  | 13.54 | ng/ul | 0.00 |
| 71) Anthracene-d10             | 17.16 | 188 | 152682 | 17.04 | ng/ul | 0.00 |
| 79) Pyrene-d10                 | 19.46 | 212 | 143518 | 17.46 | ng/ul | 0.00 |
| 90) Benzo(a)pyrene-d12         | 23.36 | 264 | 138238 | 16.92 | ng/ul | 0.00 |

## Target Compounds

|                                |       |     |       |      |        | Ovalue |
|--------------------------------|-------|-----|-------|------|--------|--------|
| 45) Dimethylphthalate          | 13.76 | 163 | 61780 | 7.78 | ng/ul  | 99     |
| 81) Butylbenzylphthalate       | 20.40 | 149 | 33132 | 7.39 | ng/ul  | 99     |
| 84) Bis(2-ethylhexyl)phthalate | 21.18 | 149 | 14025 | 2.14 | ng/ul# | 96     |
| 88) Benzo(b)fluoranthene       | 22.83 | 252 | 16998 | 1.68 | ng/ul# | 86     |

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

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