

Data Path : Z:\HPCHEM1\BNA\_M\DATA\BM052116\  
 Data File : BM005559.D  
 Acq On : 21 May 2016 20:22  
 Operator : UM/SJ  
 Sample : H3086-07  
 Misc :  
 ALS Vial : 10 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 JHGJ1

Quant Time: May 22 06:47:38 2016  
 Quant Method : Z:\HPCHEM1\BNA\_M\METHODS\SOM02.2-EPA-BM052016.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Sun May 22 05:33:20 2016  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 7.82  | 152  | 89364    | 20.00 | ng/ul | 0.00     |
| 18) Naphthalene-d8        | 10.62 | 136  | 347932   | 20.00 | ng/ul | 0.00     |
| 35) Acenaphthene-d10      | 14.46 | 164  | 170499   | 20.00 | ng/ul | 0.01     |
| 61) Phenanthrene-d10      | 17.20 | 188  | 352652   | 20.00 | ng/ul | 0.01     |
| 75) Chrysene-d12          | 21.37 | 240  | 418905   | 20.00 | ng/ul | 0.00     |
| 83) Perylene-d12          | 23.65 | 264  | 416624   | 20.00 | ng/ul | 0.01     |

## System Monitoring Compounds

|                                |       |     |        |       |       |      |
|--------------------------------|-------|-----|--------|-------|-------|------|
| 3) 1,4-Dioxane-d8              | 3.30  | 96  | 7584   | 3.72  | ng/uL | 0.00 |
| 5) Phenol-d5                   | 6.98  | 99  | 155954 | 21.29 | ng/ul | 0.00 |
| 7) Bis-(2-Chloroethyl)ether-d  | 7.16  | 67  | 117963 | 27.79 | ng/ul | 0.00 |
| 9) 2-Chlorophenol-d4           | 7.36  | 132 | 130838 | 21.41 | ng/ul | 0.00 |
| 13) 4-Methylphenol-d8          | 8.52  | 113 | 123821 | 20.63 | ng/ul | 0.00 |
| 19) Nitrobenzene-d5            | 8.97  | 128 | 61786  | 23.23 | ng/ul | 0.00 |
| 22) 2-Nitrophenol-d4           | 9.70  | 143 | 65228  | 22.28 | ng/ul | 0.00 |
| 26) 2,4-Dichlorophenol-d3      | 10.23 | 165 | 122426 | 22.20 | ng/ul | 0.00 |
| 29) 4-Chloroaniline-d4         | 10.75 | 131 | 147688 | 26.74 | ng/ul | 0.00 |
| 43) Dimethylphthalate-d6       | 13.86 | 166 | 320676 | 23.04 | ng/ul | 0.00 |
| 46) Acenaphthylene-d8          | 14.15 | 160 | 423270 | 24.33 | ng/ul | 0.00 |
| 51) 4-Nitrophenol-d4           | 14.64 | 143 | 58341  | 22.16 | ng/ul | 0.00 |
| 57) Fluorene-d10               | 15.45 | 176 | 273878 | 22.62 | ng/ul | 0.00 |
| 62) 4,6-Dinitro-2-methylphenol | 15.56 | 200 | 45197  | 22.28 | ng/ul | 0.00 |
| 70) Anthracene-d10             | 17.30 | 188 | 398574 | 23.73 | ng/ul | 0.00 |
| 76) Pyrene-d10                 | 19.59 | 212 | 456252 | 24.05 | ng/ul | 0.00 |
| 87) Benzo(a)pyrene-d12         | 23.50 | 264 | 445480 | 22.90 | ng/ul | 0.00 |

| Target Compounds       |       |     |       |      |        | Qvalue |
|------------------------|-------|-----|-------|------|--------|--------|
| 24) 2,4-Dimethylphenol | 9.83  | 107 | 25810 | 3.97 | ng/ul  | 87     |
| 44) Dimethylphthalate  | 13.91 | 163 | 72525 | 5.27 | ng/ul# | 59     |
| 77) Pyrene             | 19.62 | 202 | 24185 | 1.00 | ng/ul# | 86     |

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

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