

Data Path : Z:\HPCHEM1\BNA M\DATA\BM121716\  
 Data File : BM008378.D  
 Acq On : 16 Dec 2016 18:01  
 Operator : UM/SJ  
 Sample : H6039-08  
 Misc :  
 ALS Vial : 5 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 DA8S4

Manual Integrations  
 APPROVED

umangi  
 12/20/2016 10:42:10 AM

Quant Time: Dec 17 02:31:25 2016  
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM02.2-EPA-2016\SOM02.2-EPA-BM121  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Sat Dec 17 02:12:55 2016  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 7.66  | 152  | 113481   | 20.00 | ng/ul | 0.00     |
| 18) Naphthalene-d8        | 10.44 | 136  | 448253   | 20.00 | ng/ul | 0.00     |
| 35) Acenaphthene-d10      | 14.30 | 164  | 297332   | 20.00 | ng/ul | 0.00     |
| 61) Phenanthrene-d10      | 17.06 | 188  | 592911   | 20.00 | ng/ul | 0.00     |
| 75) Chrysene-d12          | 21.26 | 240  | 746404   | 20.00 | ng/ul | 0.00     |
| 83) Perylene-d12          | 23.49 | 264  | 767934   | 20.00 | ng/ul | 0.00     |

## System Monitoring Compounds

|                                |       |     |        |       |       |      |
|--------------------------------|-------|-----|--------|-------|-------|------|
| 3) 1,4-Dioxane-d8              | 3.24  | 96  | 1606   | 0.67  | ng/uL | 0.00 |
| 5) Phenol-d5                   | 6.87  | 99  | 26311  | 2.99  | ng/ul | 0.02 |
| 7) Bis-(2-Chloroethyl)ether-d  | 7.01  | 67  | 72375  | 14.30 | ng/ul | 0.00 |
| 9) 2-Chlorophenol-d4           | 7.20  | 132 | 79568  | 12.01 | ng/ul | 0.00 |
| 13) 4-Methylphenol-d8          | 8.39  | 113 | 48386  | 7.10  | ng/ul | 0.01 |
| 19) Nitrobenzene-d5            | 8.83  | 128 | 46797  | 14.45 | ng/ul | 0.00 |
| 22) 2-Nitrophenol-d4           | 9.55  | 143 | 51137  | 14.25 | ng/ul | 0.00 |
| 26) 2,4-Dichlorophenol-d3      | 10.10 | 165 | 89428m | 13.59 | ng/ul | 0.02 |
| 29) 4-Chloroaniline-d4         | 10.65 | 131 | 7935m  | 1.05  | ng/ul | 0.06 |
| 43) Dimethylphthalate-d6       | 13.72 | 166 | 315101 | 15.94 | ng/ul | 0.00 |
| 46) Acenaphthylene-d8          | 14.00 | 160 | 383517 | 16.42 | ng/ul | 0.00 |
| 51) 4-Nitrophenol-d4           | 0.00  | 143 | 0d     | 0.00  | ng/ul |      |
| 57) Fluorene-d10               | 15.30 | 176 | 273701 | 15.93 | ng/ul | 0.00 |
| 62) 4,6-Dinitro-2-methylphenol | 15.48 | 200 | 31136  | 8.82  | ng/ul | 0.02 |
| 70) Anthracene-d10             | 17.16 | 188 | 422627 | 16.36 | ng/ul | 0.00 |
| 76) Pyrene-d10                 | 19.46 | 212 | 505806 | 17.55 | ng/ul | 0.00 |
| 87) Benzo(a)pyrene-d12         | 23.34 | 264 | 515203 | 15.98 | ng/ul | 0.00 |

## Target Compounds

|                       |       |     |       |      |       | Ovalue |
|-----------------------|-------|-----|-------|------|-------|--------|
| 6) Phenol             | 6.90  | 94  | 17084 | 1.87 | ng/ul | 96     |
| 44) Dimethylphthalate | 13.77 | 163 | 59779 | 3.09 | ng/ul | 99     |

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

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