

Data Path : Z:\HPCHEM1\BNA\_M\DATA\BM121616\  
 Data File : BM008367.D  
 Acq On : 16 Dec 2016 05:40  
 Operator : UM/SJ  
 Sample : H6039-19  
 Misc :  
 ALS Vial : 30 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 DA8T3

Manual Integrations  
 APPROVED

sohil  
 12/16/2016 6:22:34 PM

Quant Time: Dec 16 12:23:13 2016  
 Quant Method : Z:\HPCHEM1\BNA\_M\METHODS\SOM02.2-EPA-2016\SOM02.2-EPA-BM121616.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Fri Dec 16 05:34:14 2016  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 7.67  | 152  | 145497   | 20.00 | ng/ul | 0.00     |
| 18) Naphthalene-d8        | 10.45 | 136  | 780200   | 20.00 | ng/ul | 0.01     |
| 35) Acenaphthene-d10      | 14.33 | 164  | 420219   | 20.00 | ng/ul | 0.02     |
| 61) Phenanthrene-d10      | 17.07 | 188  | 854479   | 20.00 | ng/ul | 0.01     |
| 75) Chrysene-d12          | 21.26 | 240  | 1024966  | 20.00 | ng/ul | 0.00     |
| 83) Perylene-d12          | 23.49 | 264  | 999509   | 20.00 | ng/ul | 0.00     |

## System Monitoring Compounds

|                                |       |     |          |       |       |      |
|--------------------------------|-------|-----|----------|-------|-------|------|
| 3) 1,4-Dioxane-d8              | 0.00  | 96  | 0d       | 0.00  | ng/uL |      |
| 5) Phenol-d5                   | 6.88  | 99  | 97463    | 8.64  | ng/ul | 0.03 |
| 7) Bis-(2-Chloroethyl)ether-d  | 7.02  | 67  | 191362   | 29.50 | ng/ul | 0.00 |
| 9) 2-Chlorophenol-d4           | 7.22  | 132 | 235826   | 27.77 | ng/ul | 0.01 |
| 13) 4-Methylphenol-d8          | 8.43  | 113 | 185321   | 21.20 | ng/ul | 0.05 |
| 19) Nitrobenzene-d5            | 8.84  | 128 | 156292   | 27.72 | ng/ul | 0.02 |
| 22) 2-Nitrophenol-d4           | 9.55  | 143 | 171219   | 27.40 | ng/ul | 0.01 |
| 26) 2,4-Dichlorophenol-d3      | 10.12 | 165 | 297242   | 25.96 | ng/ul | 0.04 |
| 29) 4-Chloroaniline-d4         | 10.60 | 131 | 361726   | 27.56 | ng/ul | 0.00 |
| 43) Dimethylphthalate-d6       | 13.79 | 166 | 1063415m | 38.07 | ng/ul | 0.06 |
| 46) Acenaphthylene-d8          | 14.02 | 160 | 1320384  | 40.00 | ng/ul | 0.02 |
| 51) 4-Nitrophenol-d4           | 14.64 | 143 | 107941m  | 26.23 | ng/ul | 0.09 |
| 57) Fluorene-d10               | 15.32 | 176 | 1479409  | 60.93 | ng/ul | 0.02 |
| 62) 4,6-Dinitro-2-methylphenol | 15.49 | 200 | 156551   | 30.78 | ng/ul | 0.02 |
| 70) Anthracene-d10             | 17.17 | 188 | 1412293  | 37.94 | ng/ul | 0.01 |
| 76) Pyrene-d10                 | 19.46 | 212 | 1593902  | 40.27 | ng/ul | 0.00 |
| 87) Benzo(a)pyrene-d12         | 23.34 | 264 | 1543760  | 36.78 | ng/ul | 0.00 |

## Target Compounds

|                          |       |     |           |        |        | Qvalue |
|--------------------------|-------|-----|-----------|--------|--------|--------|
| 6) Phenol                | 6.91  | 94  | 783243    | 66.83  | ng/ul  | 96     |
| 11) 2-Methylphenol       | 8.16  | 108 | 3876142   | 451.86 | ng/ul  | 99     |
| 16) 4-Methylphenol       | 8.51  | 108 | 5760944   | 619.26 | ng/ul  | 89     |
| 24) 2,4-Dimethylphenol   | 9.72  | 107 | 10765094m | 754.19 | ng/ul  |        |
| 28) Naphthalene          | 10.50 | 128 | 1733185   | 46.93  | ng/ul  | 98     |
| 34) 2-Methylnaphthalene  | 12.13 | 142 | 1715862   | 64.30  | ng/ul  | 99     |
| 40) 1,1'-Biphenyl        | 13.15 | 154 | 391786    | 13.98  | ng/ul# | 91     |
| 49) Acenaphthene         | 14.39 | 153 | 91598m    | 3.97   | ng/ul  |        |
| 53) Dibenzofuran         | 14.73 | 168 | 164544    | 4.89   | ng/ul# | 82     |
| 58) Fluorene             | 15.37 | 166 | 142182    | 5.14   | ng/ul# | 89     |
| 84) Di-n-octyl phthalate | 22.09 | 149 | 568631m   | 11.86  | ng/ul  |        |

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

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