

Data Path : Z:\HPCHEM1\BNA\_M\DATA\BM041415\  
 Data File : BM001000.D  
 Acq On : 15 Apr 2015 00:59  
 Operator : TP/IZ  
 Sample : G1858-02  
 Misc :  
 ALS Vial : 27 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 P001-SD002-0006-01

Quant Time: Apr 15 17:39:02 2015  
 Quant Method : Z:\HPCHEM1\BNA\_M\METHODS\SOM01.2-EPA-BM041415.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Wed Apr 15 06:41:33 2015  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 7.60  | 152  | 396913   | 20.00 | ng/ul | 0.00     |
| 18) Naphthalene-d8        | 10.38 | 136  | 1629708  | 20.00 | ng/ul | 0.00     |
| 35) Acenaphthene-d10      | 14.26 | 164  | 895312   | 20.00 | ng/ul | 0.00     |
| 61) Phenanthrene-d10      | 17.00 | 188  | 1892200  | 20.00 | ng/ul | 0.00     |
| 75) Chrysene-d12          | 21.20 | 240  | 1968896  | 20.00 | ng/ul | 0.00     |
| 83) Perylene-d12          | 23.37 | 264  | 1902450  | 20.00 | ng/ul | -0.01    |

## System Monitoring Compounds

|                                |       |     |         |       |       |       |
|--------------------------------|-------|-----|---------|-------|-------|-------|
| 3) 1,4-Dioxane-d8              | 0.00  | 96  | 0d      | 0.00  | ng/uL |       |
| 5) Phenol-d5                   | 6.78  | 99  | 690361  | 23.14 | ng/ul | 0.00  |
| 7) Bis-(2-Chloroethyl)ether-d  | 6.94  | 67  | 441601  | 23.70 | ng/ul | 0.00  |
| 9) 2-Chlorophenol-d4           | 7.13  | 132 | 566093  | 22.98 | ng/ul | 0.00  |
| 13) 4-Methylphenol-d8          | 8.32  | 113 | 469942  | 20.22 | ng/ul | 0.00  |
| 19) Nitrobenzene-d5            | 8.76  | 128 | 261983  | 24.29 | ng/ul | 0.00  |
| 22) 2-Nitrophenol-d4           | 9.47  | 143 | 289595  | 24.76 | ng/ul | 0.00  |
| 26) 2,4-Dichlorophenol-d3      | 10.01 | 165 | 517694  | 22.20 | ng/ul | 0.00  |
| 29) 4-Chloroaniline-d4         | 10.53 | 131 | 642708  | 23.01 | ng/ul | 0.00  |
| 43) Dimethylphthalate-d6       | 13.67 | 166 | 1693349 | 28.89 | ng/ul | 0.00  |
| 46) Acenaphthylene-d8          | 13.94 | 160 | 1952718 | 23.02 | ng/ul | 0.00  |
| 51) 4-Nitrophenol-d4           | 14.47 | 143 | 217397  | 21.15 | ng/ul | 0.00  |
| 57) Fluorene-d10               | 15.26 | 176 | 1335945 | 22.45 | ng/ul | 0.00  |
| 62) 4,6-Dinitro-2-methylphenol | 15.38 | 200 | 150745  | 14.91 | ng/ul | 0.00  |
| 70) Anthracene-d10             | 17.10 | 188 | 1894004 | 21.91 | ng/ul | 0.00  |
| 76) Pyrene-d10                 | 19.40 | 212 | 1956794 | 22.02 | ng/ul | 0.00  |
| 87) Benzo(a)pyrene-d12         | 23.24 | 264 | 1515200 | 18.21 | ng/ul | -0.01 |

## Target Compounds

|                          |       |     |        |      |        | Qvalue |
|--------------------------|-------|-----|--------|------|--------|--------|
| 6) Phenol                | 6.80  | 94  | 64658  | 1.99 | ng/ul# | 92     |
| 44) Dimethylphthalate    | 13.72 | 163 | 337904 | 5.03 | ng/ul  | 98     |
| 74) Fluoranthene         | 19.07 | 202 | 228600 | 1.90 | ng/ul  | 99     |
| 77) Pyrene               | 19.43 | 202 | 204555 | 1.63 | ng/ul  | 99     |
| 82) Chrysene             | 21.23 | 228 | 116563 | 1.04 | ng/ul  | 96     |
| 85) Benzo(b)fluoranthene | 22.72 | 252 | 139040 | 1.18 | ng/ul# | 94     |

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

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