

Data Path : Z:\HPCHEM1\BNA\_M\DATA\BM111416\  
 Data File : BM007861.D  
 Acq On : 14 Nov 2016 18:49  
 Operator : UM/SJ  
 Sample : H5612-11  
 Misc :  
 ALS Vial : 16 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 F2H09

Manual Integrations  
 APPROVED

umangi  
 11/15/2016 3:08:10 PM

Quant Time: Nov 15 03:15:27 2016  
 Quant Method : Z:\HPCHEM1\BNA\_M\METHODS\SOM02.2-EPA-BM102016.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Tue Nov 15 02:47:54 2016  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 7.73  | 152  | 156598   | 20.00 | ng/ul | 0.00     |
| 18) Naphthalene-d8        | 10.51 | 136  | 602768   | 20.00 | ng/ul | 0.00     |
| 35) Acenaphthene-d10      | 14.37 | 164  | 389275   | 20.00 | ng/ul | 0.00     |
| 61) Phenanthrene-d10      | 17.12 | 188  | 796434   | 20.00 | ng/ul | 0.00     |
| 75) Chrysene-d12          | 21.30 | 240  | 1002452  | 20.00 | ng/ul | 0.00     |
| 83) Perylene-d12          | 23.56 | 264  | 1029955  | 20.00 | ng/ul | 0.00     |

## System Monitoring Compounds

|                                |       |     |         |       |       |      |
|--------------------------------|-------|-----|---------|-------|-------|------|
| 3) 1,4-Dioxane-d8              | 3.28  | 96  | 4219    | 1.15  | ng/uL | 0.00 |
| 5) Phenol-d5                   | 6.92  | 99  | 72032   | 5.96  | ng/ul | 0.00 |
| 7) Bis-(2-Chloroethyl)ether-d  | 7.07  | 67  | 221245  | 30.85 | ng/ul | 0.00 |
| 9) 2-Chlorophenol-d4           | 7.27  | 132 | 233940  | 25.24 | ng/ul | 0.00 |
| 13) 4-Methylphenol-d8          | 8.45  | 113 | 140349  | 14.84 | ng/ul | 0.00 |
| 19) Nitrobenzene-d5            | 8.89  | 128 | 146659  | 33.81 | ng/ul | 0.00 |
| 22) 2-Nitrophenol-d4           | 9.61  | 143 | 155310  | 33.77 | ng/ul | 0.00 |
| 26) 2,4-Dichlorophenol-d3      | 10.15 | 165 | 260662  | 28.83 | ng/ul | 0.00 |
| 29) 4-Chloroaniline-d4         | 10.70 | 131 | 7747m   | 0.75  | ng/ul | 0.04 |
| 43) Dimethylphthalate-d6       | 13.79 | 166 | 901042  | 34.00 | ng/ul | 0.00 |
| 46) Acenaphthylene-d8          | 14.06 | 160 | 1079554 | 33.84 | ng/ul | 0.00 |
| 51) 4-Nitrophenol-d4           | 14.63 | 143 | 18399m  | 4.39  | ng/ul | 0.04 |
| 57) Fluorene-d10               | 15.37 | 176 | 800318  | 34.45 | ng/ul | 0.00 |
| 62) 4,6-Dinitro-2-methylphenol | 15.50 | 200 | 102696  | 21.70 | ng/ul | 0.00 |
| 70) Anthracene-d10             | 17.22 | 188 | 1238643 | 34.51 | ng/ul | 0.00 |
| 76) Pyrene-d10                 | 19.52 | 212 | 1456347 | 35.36 | ng/ul | 0.00 |
| 87) Benzo(a)pyrene-d12         | 23.41 | 264 | 1560878 | 34.71 | ng/ul | 0.00 |

| Target Compounds |       |     |       |            | Qvalue |
|------------------|-------|-----|-------|------------|--------|
| 28) Naphthalene  | 10.56 | 128 | 88208 | 3.01 ng/ul | 98     |

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

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