

Data Path : Z:\HPCHEM1\BNA M\DATA\BM022416\  
 Data File : BM004386.D  
 Acq On : 24 Feb 2016 15:42  
 Operator : SJ/UM  
 Sample : H1560-10  
 Misc :  
 ALS Vial : 12 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 0311-S39-0312

Manual Integrations  
 APPROVED

UMANGI  
 2/25/2016 2:42:52 PM

Quant Time: Feb 25 01:19:16 2016  
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM02.2-EPA-BM022216.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Thu Feb 25 00:09:11 2016  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 7.62  | 152  | 24068    | 20.00 | ng/ul | 0.00     |
| 18) Naphthalene-d8        | 10.41 | 136  | 119885   | 20.00 | ng/ul | 0.00     |
| 36) Acenaphthene-d10      | 14.29 | 164  | 78615    | 20.00 | ng/ul | 0.00     |
| 62) Phenanthrene-d10      | 17.04 | 188  | 184564   | 20.00 | ng/ul | 0.00     |
| 78) Chrysene-d12          | 21.25 | 240  | 194084   | 20.00 | ng/ul | 0.00     |
| 86) Perylene-d12          | 23.47 | 264  | 141639   | 20.00 | ng/ul | 0.00     |

| System Monitoring Compounds    | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|--------------------------------|-------|------|----------|-------|-------|----------|
| 3) 1,4-Dioxane-d8              | 3.09  | 96   | 1384     | 3.03  | ng/uL | 0.00     |
| 5) Phenol-d5                   | 6.81  | 99   | 34169    | 16.93 | ng/ul | 0.00     |
| 7) Bis-(2-Chloroethyl)ether-d  | 6.96  | 67   | 19276    | 18.78 | ng/ul | 0.00     |
| 9) 2-Chlorophenol-d4           | 7.16  | 132  | 31612    | 18.16 | ng/ul | 0.00     |
| 13) 4-Methylphenol-d8          | 8.35  | 113  | 30988    | 17.18 | ng/ul | 0.00     |
| 19) Nitrobenzene-d5            | 8.78  | 128  | 15997    | 17.54 | ng/ul | 0.00     |
| 22) 2-Nitrophenol-d4           | 9.50  | 143  | 18081    | 17.39 | ng/ul | 0.00     |
| 26) 2,4-Dichlorophenol-d3      | 10.05 | 165  | 32294m   | 17.18 | ng/ul | 0.00     |
| 29) 4-Chloroaniline-d4         | 10.56 | 131  | 44589m   | 19.04 | ng/ul | 0.00     |
| 44) Dimethylphthalate-d6       | 13.70 | 166  | 130992   | 19.43 | ng/ul | 0.00     |
| 47) Acenaphthylene-d8          | 13.97 | 160  | 155192   | 19.66 | ng/ul | 0.00     |
| 52) 4-Nitrophenol-d4           | 14.54 | 143  | 12713m   | 11.73 | ng/ul | 0.01     |
| 58) Fluorene-d10               | 15.28 | 176  | 115513   | 20.15 | ng/ul | 0.00     |
| 63) 4,6-Dinitro-2-methylphenol | 15.43 | 200  | 13748    | 12.13 | ng/ul | 0.00     |
| 71) Anthracene-d10             | 17.14 | 188  | 183404   | 20.28 | ng/ul | 0.00     |
| 79) Pyrene-d10                 | 19.44 | 212  | 212865   | 22.67 | ng/ul | 0.00     |
| 90) Benzo(a)pyrene-d12         | 23.33 | 264  | 159317   | 21.43 | ng/ul | 0.00     |

| Target Compounds      | R.T.  | QIon | Response | Conc | Units | Ovalue |
|-----------------------|-------|------|----------|------|-------|--------|
| 45) Dimethylphthalate | 13.74 | 163  | 40891    | 5.82 | ng/ul | 99     |

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

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