

Data Path : Z:\HPCHEM1\BNA\_M\DATA\BM022316\  
 Data File : BM004372.D  
 Acq On : 24 Feb 2016 04:35  
 Operator : SJ/UM  
 Sample : H1542-14  
 Misc :  
 ALS Vial : 32 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 0311-S34-0003

Manual Integrations  
 APPROVED

UMANGI  
 2/24/2016 4:32:20 PM

Quant Time: Feb 24 05:54:43 2016  
 Quant Method : Z:\HPCHEM1\BNA\_M\METHODS\SOM02.2-EPA-BM022216.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Wed Feb 24 02:51:42 2016  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 7.62  | 152  | 27956    | 20.00 | ng/ul | 0.00     |
| 18) Naphthalene-d8        | 10.40 | 136  | 120330   | 20.00 | ng/ul | 0.00     |
| 36) Acenaphthene-d10      | 14.28 | 164  | 63646    | 20.00 | ng/ul | 0.00     |
| 62) Phenanthrene-d10      | 17.04 | 188  | 128380   | 20.00 | ng/ul | 0.00     |
| 78) Chrysene-d12          | 21.24 | 240  | 131766   | 20.00 | ng/ul | 0.00     |
| 86) Perylene-d12          | 23.47 | 264  | 135597   | 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   | 3137     | 5.91  | ng/uL | 0.00     |
| 5) Phenol-d5                   | 6.81  | 99   | 64743m   | 27.62 | ng/ul | 0.00     |
| 7) Bis-(2-Chloroethyl)ether-d  | 6.96  | 67   | 35300    | 29.61 | ng/ul | 0.00     |
| 9) 2-Chlorophenol-d4           | 7.16  | 132  | 59693    | 29.52 | ng/ul | 0.00     |
| 13) 4-Methylphenol-d8          | 8.35  | 113  | 55346    | 26.42 | ng/ul | 0.00     |
| 19) Nitrobenzene-d5            | 8.78  | 128  | 28027    | 30.62 | ng/ul | 0.00     |
| 22) 2-Nitrophenol-d4           | 9.50  | 143  | 31584    | 30.27 | ng/ul | 0.00     |
| 26) 2,4-Dichlorophenol-d3      | 10.05 | 165  | 52975m   | 28.08 | ng/ul | 0.00     |
| 29) 4-Chloroaniline-d4         | 10.56 | 131  | 75645    | 32.17 | ng/ul | 0.00     |
| 44) Dimethylphthalate-d6       | 13.70 | 166  | 158080   | 28.96 | ng/ul | 0.00     |
| 47) Acenaphthylene-d8          | 13.97 | 160  | 199751   | 31.26 | ng/ul | 0.00     |
| 52) 4-Nitrophenol-d4           | 14.53 | 143  | 16819m   | 19.17 | ng/ul | 0.00     |
| 58) Fluorene-d10               | 15.28 | 176  | 134323   | 28.94 | ng/ul | 0.00     |
| 63) 4,6-Dinitro-2-methylphenol | 15.43 | 200  | 14693    | 18.63 | ng/ul | 0.00     |
| 71) Anthracene-d10             | 17.13 | 188  | 196225   | 31.19 | ng/ul | 0.00     |
| 79) Pyrene-d10                 | 19.44 | 212  | 211956   | 33.25 | ng/ul | 0.00     |
| 90) Benzo(a)pyrene-d12         | 23.33 | 264  | 228585   | 32.12 | ng/ul | 0.00     |

| Target Compounds               | R.T.  | QIon | Response | Conc | Units  | Qvalue |
|--------------------------------|-------|------|----------|------|--------|--------|
| 45) Dimethylphthalate          | 13.75 | 163  | 42933    | 7.54 | ng/ul  | 99     |
| 84) Bis(2-ethylhexyl)phthalate | 21.15 | 149  | 5780     | 1.03 | ng/ul# | 98     |

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

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