

Data Path : Z:\HPCHEM1\BNA M\DATA\BM022616\  
 Data File : BM004443.D  
 Acq On : 27 Feb 2016 01:28  
 Operator : SJ/UM  
 Sample : H1564-17  
 Misc :  
 ALS Vial : 22 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 D9R36

Manual Integrations  
 APPROVED

UMANGI  
 2/29/2016 2:50:43 PM

Quant Time: Feb 27 04:53:35 2016  
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM02.2-EPA-BM022216.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Sat Feb 27 00:43:30 2016  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 7.62  | 152  | 27776    | 20.00 | ng/ul | 0.00     |
| 18) Naphthalene-d8        | 10.40 | 136  | 115558   | 20.00 | ng/ul | 0.00     |
| 36) Acenaphthene-d10      | 14.28 | 164  | 59114    | 20.00 | ng/ul | 0.00     |
| 62) Phenanthrene-d10      | 17.03 | 188  | 119934   | 20.00 | ng/ul | 0.00     |
| 78) Chrysene-d12          | 21.24 | 240  | 129705   | 20.00 | ng/ul | 0.00     |
| 86) Perylene-d12          | 23.46 | 264  | 130692   | 20.00 | ng/ul | 0.00     |

| System Monitoring Compounds    | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|--------------------------------|-------|------|----------|-------|-------|----------|
| 3) 1,4-Dioxane-d8              | 3.08  | 96   | 1072     | 2.03  | ng/uL | 0.00     |
| 5) Phenol-d5                   | 6.80  | 99   | 24649    | 10.58 | ng/ul | 0.00     |
| 7) Bis-(2-Chloroethyl)ether-d  | 6.95  | 67   | 13534    | 11.43 | ng/ul | 0.00     |
| 9) 2-Chlorophenol-d4           | 7.15  | 132  | 23544    | 11.72 | ng/ul | 0.00     |
| 13) 4-Methylphenol-d8          | 8.34  | 113  | 20211    | 9.71  | ng/ul | 0.00     |
| 19) Nitrobenzene-d5            | 8.77  | 128  | 10849    | 12.34 | ng/ul | 0.00     |
| 22) 2-Nitrophenol-d4           | 9.50  | 143  | 11523    | 11.50 | ng/ul | 0.00     |
| 26) 2,4-Dichlorophenol-d3      | 10.05 | 165  | 19733    | 10.89 | ng/ul | 0.00     |
| 29) 4-Chloroaniline-d4         | 10.55 | 131  | 28157    | 12.47 | ng/ul | 0.00     |
| 44) Dimethylphthalate-d6       | 13.69 | 166  | 63383    | 12.50 | ng/ul | 0.00     |
| 47) Acenaphthylene-d8          | 13.97 | 160  | 78847    | 13.28 | ng/ul | 0.00     |
| 52) 4-Nitrophenol-d4           | 14.54 | 143  | 4570m    | 5.61  | ng/ul | 0.02     |
| 58) Fluorene-d10               | 15.27 | 176  | 54214    | 12.57 | ng/ul | 0.00     |
| 63) 4,6-Dinitro-2-methylphenol | 15.43 | 200  | 2213     | 3.00  | ng/ul | 0.01     |
| 71) Anthracene-d10             | 17.13 | 188  | 80306    | 13.67 | ng/ul | 0.00     |
| 79) Pyrene-d10                 | 19.44 | 212  | 88399    | 14.09 | ng/ul | 0.00     |
| 90) Benzo(a)pyrene-d12         | 23.32 | 264  | 95939    | 13.99 | ng/ul | 0.00     |

| Target Compounds      | R.T.  | QIon | Response | Conc | Units | Ovalue |
|-----------------------|-------|------|----------|------|-------|--------|
| 45) Dimethylphthalate | 13.74 | 163  | 18088    | 3.42 | ng/ul | 98     |

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

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