

Data Path : Z:\HPCHEM1\BNA M\DATA\BM120116\  
 Data File : BM008143.D  
 Acq On : 01 Dec 2016 18:29  
 Operator : UM/SJ  
 Sample : H5730-09  
 Misc :  
 ALS Vial : 15 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 A4WH6

Manual Integrations  
 APPROVED

sohil  
 12/2/2016 4:19:46 PM

Quant Time: Dec 02 03:32:42 2016  
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM02.2-EPA-BM112916.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Fri Dec 02 03:12:28 2016  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 7.69  | 152  | 177703   | 20.00 | ng/ul | 0.00     |
| 18) Naphthalene-d8        | 10.47 | 136  | 679966   | 20.00 | ng/ul | 0.00     |
| 35) Acenaphthene-d10      | 14.33 | 164  | 408881   | 20.00 | ng/ul | 0.00     |
| 61) Phenanthrene-d10      | 17.09 | 188  | 761801   | 20.00 | ng/ul | 0.00     |
| 75) Chrysene-d12          | 21.28 | 240  | 931336   | 20.00 | ng/ul | 0.00     |
| 83) Perylene-d12          | 23.52 | 264  | 959865   | 20.00 | ng/ul | 0.00     |

## System Monitoring Compounds

|                                |       |     |         |       |       |      |
|--------------------------------|-------|-----|---------|-------|-------|------|
| 3) 1,4-Dioxane-d8              | 3.26  | 96  | 17396   | 4.84  | ng/uL | 0.00 |
| 5) Phenol-d5                   | 6.87  | 99  | 309753  | 23.38 | ng/ul | 0.00 |
| 7) Bis-(2-Chloroethyl)ether-d  | 7.04  | 67  | 187345  | 24.60 | ng/ul | 0.00 |
| 9) 2-Chlorophenol-d4           | 7.23  | 132 | 248991  | 24.29 | ng/ul | 0.00 |
| 13) 4-Methylphenol-d8          | 8.40  | 113 | 202572  | 19.67 | ng/ul | 0.00 |
| 19) Nitrobenzene-d5            | 8.86  | 128 | 122501  | 25.09 | ng/ul | 0.00 |
| 22) 2-Nitrophenol-d4           | 9.57  | 143 | 131019  | 23.59 | ng/ul | 0.00 |
| 26) 2,4-Dichlorophenol-d3      | 10.10 | 165 | 220152  | 21.76 | ng/ul | 0.00 |
| 29) 4-Chloroaniline-d4         | 10.63 | 131 | 225000  | 22.84 | ng/ul | 0.00 |
| 43) Dimethylphthalate-d6       | 13.75 | 166 | 660416  | 25.06 | ng/ul | 0.00 |
| 46) Acenaphthylene-d8          | 14.02 | 160 | 793122  | 24.50 | ng/ul | 0.00 |
| 51) 4-Nitrophenol-d4           | 14.58 | 143 | 62529   | 15.36 | ng/ul | 0.02 |
| 57) Fluorene-d10               | 15.33 | 176 | 572349  | 25.17 | ng/ul | 0.00 |
| 62) 4,6-Dinitro-2-methylphenol | 15.48 | 200 | 74511   | 16.47 | ng/ul | 0.00 |
| 70) Anthracene-d10             | 17.19 | 188 | 797535  | 24.34 | ng/ul | 0.00 |
| 76) Pyrene-d10                 | 19.49 | 212 | 968883  | 25.70 | ng/ul | 0.00 |
| 87) Benzo(a)pyrene-d12         | 23.37 | 264 | 1029637 | 25.75 | ng/ul | 0.00 |

## Target Compounds

|                          |       |     |        |      |       | Ovalue |
|--------------------------|-------|-----|--------|------|-------|--------|
| 6) Phenol                | 6.90  | 94  | 68559  | 5.04 | ng/ul | 97     |
| 44) Dimethylphthalate    | 13.80 | 163 | 95053  | 3.68 | ng/ul | 99     |
| 69) Phenanthrene         | 17.13 | 178 | 62094  | 1.63 | ng/ul | 97     |
| 74) Fluoranthene         | 19.15 | 202 | 102655 | 2.32 | ng/ul | 99     |
| 77) Pyrene               | 19.52 | 202 | 89367  | 1.87 | ng/ul | 98     |
| 82) Chrysene             | 21.32 | 228 | 49456  | 1.09 | ng/ul | 98     |
| 85) Benzo(b)fluoranthene | 22.85 | 252 | 74343m | 1.45 | ng/ul |        |

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

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