

Data Path : Z:\HPCHEM1\BNA M\DATA\BM040516\  
 Data File : BM004894.D  
 Acq On : 05 Apr 2016 23:31  
 Operator : UM/SJ  
 Sample : H2086-11  
 Misc :  
 ALS Vial : 13 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 C0AF5

Quant Time: Apr 06 03:23:02 2016  
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM02.2-EPA-BM040116.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Wed Apr 06 01:34:45 2016  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 7.83  | 152  | 45948    | 20.00 | ng/ul | 0.00     |
| 18) Naphthalene-d8        | 10.61 | 136  | 223367   | 20.00 | ng/ul | 0.00     |
| 36) Acenaphthene-d10      | 14.46 | 164  | 132394   | 20.00 | ng/ul | 0.00     |
| 62) Phenanthrene-d10      | 17.20 | 188  | 330605   | 20.00 | ng/ul | 0.00     |
| 78) Chrysene-d12          | 21.39 | 240  | 442226   | 20.00 | ng/ul | 0.00     |
| 86) Perylene-d12          | 23.67 | 264  | 454531   | 20.00 | ng/ul | 0.00     |

|                                |       |     |        |       |       |      |
|--------------------------------|-------|-----|--------|-------|-------|------|
| System Monitoring Compounds    |       |     |        |       |       |      |
| 3) 1,4-Dioxane-d8              | 3.31  | 96  | 630    | 0.55  | ng/uL | 0.00 |
| 5) Phenol-d5                   | 6.99  | 99  | 17126  | 4.19  | ng/ul | 0.00 |
| 7) Bis-(2-Chloroethyl)ether-d  | 7.15  | 67  | 57030  | 25.78 | ng/ul | 0.00 |
| 9) 2-Chlorophenol-d4           | 7.35  | 132 | 60694  | 19.59 | ng/ul | 0.00 |
| 13) 4-Methylphenol-d8          | 8.52  | 113 | 38546  | 11.24 | ng/ul | 0.00 |
| 19) Nitrobenzene-d5            | 8.98  | 128 | 40783  | 25.73 | ng/ul | 0.00 |
| 22) 2-Nitrophenol-d4           | 9.70  | 143 | 44998  | 25.54 | ng/ul | 0.00 |
| 26) 2,4-Dichlorophenol-d3      | 10.23 | 165 | 73155  | 22.27 | ng/ul | 0.00 |
| 29) 4-Chloroaniline-d4         | 10.75 | 131 | 3628   | 0.93  | ng/ul | 0.00 |
| 44) Dimethylphthalate-d6       | 13.86 | 166 | 299470 | 28.67 | ng/ul | 0.00 |
| 47) Acenaphthylene-d8          | 14.15 | 160 | 343975 | 27.53 | ng/ul | 0.00 |
| 52) 4-Nitrophenol-d4           | 14.65 | 143 | 8045   | 3.90  | ng/ul | 0.00 |
| 58) Fluorene-d10               | 15.45 | 176 | 257365 | 28.51 | ng/ul | 0.00 |
| 63) 4,6-Dinitro-2-methylphenol | 15.56 | 200 | 47497  | 23.98 | ng/ul | 0.00 |
| 71) Anthracene-d10             | 17.30 | 188 | 433440 | 29.30 | ng/ul | 0.00 |
| 79) Pyrene-d10                 | 19.59 | 212 | 528809 | 27.54 | ng/ul | 0.00 |
| 90) Benzo(a)pyrene-d12         | 23.53 | 264 | 583335 | 28.97 | ng/ul | 0.00 |

|                                |       |     |        |        |        |    |
|--------------------------------|-------|-----|--------|--------|--------|----|
| Target Compounds               |       |     |        | Ovalue |        |    |
| 6) Phenol                      | 7.01  | 94  | 14415  | 3.38   | ng/ul  | 99 |
| 10) 2-Chlorophenol             | 7.39  | 128 | 17901  | 5.49   | ng/ul  | 94 |
| 20) Nitrobenzene               | 9.03  | 77  | 803807 | 211.38 | ng/ul  | 98 |
| 23) 2-Nitrophenol              | 9.72  | 139 | 2077   | 1.08   | ng/ul# | 86 |
| 27) 2,4-Dichlorophenol         | 10.26 | 162 | 4584   | 1.35   | ng/ul  | 90 |
| 30) 4-Chloroaniline            | 10.72 | 127 | 7878   | 1.90   | ng/ul  | 97 |
| 37) 1,2,4,5-Tetrachlorobenzene | 12.64 | 216 | 18877  | 4.61   | ng/ul  | 98 |
| 73) 1,2,3,4-Tetrachlorobenzene | 13.25 | 216 | 40459  | 9.42   | ng/uL  | 98 |

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

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