

Data Path : Z:\HPCHEM1\BNA M\DATA\BM041318\  
 Data File : BM014696.D  
 Acq On : 13 Apr 2018 11:18  
 Operator : SJ/JU  
 Sample : J2313-02MS  
 Misc :  
 ALS Vial : 5 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 F1A30MS

Quant Time: Apr 13 23:55:18 2018  
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM032818MA.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Fri Apr 13 23:54:45 2018  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 8.57  | 152  | 440367   | 20.00 | ng/ul | 0.00     |
| 18) Naphthalene-d8        | 11.42 | 136  | 1907769  | 20.00 | ng/ul | 0.00     |
| 35) Acenaphthene-d10      | 15.17 | 164  | 1049942  | 20.00 | ng/ul | 0.00     |
| 61) Phenanthrene-d10      | 17.88 | 188  | 2224340  | 20.00 | ng/ul | 0.00     |
| 77) Chrysene-d12          | 21.96 | 240  | 1948444  | 20.00 | ng/ul | 0.00     |
| 85) Perylene-d12          | 24.47 | 264  | 1772409  | 20.00 | ng/ul | 0.00     |

## System Monitoring Compounds

|                                |       |     |         |       |       |      |
|--------------------------------|-------|-----|---------|-------|-------|------|
| 3) 1,4-Dioxane-d8              | 3.69  | 96  | 60115   | 6.57  | ng/uL | 0.00 |
| 5) Phenol-d5                   | 7.69  | 99  | 254062  | 7.23  | ng/ul | 0.00 |
| 7) Bis-(2-Chloroethyl)ether-d  | 7.87  | 67  | 719427  | 32.57 | ng/ul | 0.00 |
| 9) 2-Chlorophenol-d4           | 8.09  | 132 | 769923  | 26.57 | ng/ul | 0.00 |
| 13) 4-Methylphenol-d8          | 9.26  | 113 | 495731  | 17.28 | ng/ul | 0.00 |
| 19) Nitrobenzene-d5            | 9.75  | 128 | 458696  | 37.39 | ng/ul | 0.00 |
| 22) 2-Nitrophenol-d4           | 10.48 | 143 | 451195  | 40.92 | ng/ul | 0.00 |
| 26) 2,4-Dichlorophenol-d3      | 11.02 | 165 | 866922  | 30.77 | ng/ul | 0.00 |
| 29) 4-Chloroaniline-d4         | 11.54 | 131 | 66953   | 2.10  | ng/ul | 0.00 |
| 43) Dimethylphthalate-d6       | 14.56 | 166 | 2819764 | 33.99 | ng/ul | 0.00 |
| 46) Acenaphthylene-d8          | 14.87 | 160 | 3613405 | 34.29 | ng/ul | 0.00 |
| 51) 4-Nitrophenol-d4           | 15.32 | 143 | 95835   | 7.12  | ng/ul | 0.00 |
| 57) Fluorene-d10               | 16.14 | 176 | 2377275 | 33.32 | ng/ul | 0.00 |
| 62) 4,6-Dinitro-2-methylphenol | 16.24 | 200 | 347028  | 36.55 | ng/ul | 0.00 |
| 70) Anthracene-d10             | 17.98 | 188 | 3562239 | 34.00 | ng/ul | 0.00 |
| 78) Pyrene-d10                 | 20.21 | 212 | 3609617 | 36.50 | ng/ul | 0.00 |
| 89) Benzo(a)pyrene-d12         | 24.32 | 264 | 2918877 | 33.54 | ng/ul | 0.00 |

## Target Compounds

|                                |       |     |         |        | Ovalue |    |
|--------------------------------|-------|-----|---------|--------|--------|----|
| 6) Phenol                      | 7.71  | 94  | 269605  | 7.861  | ng/ul  | 95 |
| 10) 2-Chlorophenol             | 8.12  | 128 | 761282  | 26.606 | ng/ul# | 92 |
| 15) N-Nitroso-di-n-propylamine | 9.38  | 70  | 761000  | 33.516 | ng/ul# | 76 |
| 33) 4-Chloro-3-methylphenol    | 12.63 | 107 | 815156  | 28.993 | ng/ul  | 95 |
| 49) Acenaphthene               | 15.23 | 153 | 2340183 | 33.538 | ng/ul  | 99 |
| 52) 4-Nitrophenol              | 15.33 | 109 | 77152   | 7.539  | ng/ul# | 86 |
| 54) 2,4-Dinitrotoluene         | 15.50 | 165 | 719780  | 38.622 | ng/ul  | 90 |
| 68) Pentachlorophenol          | 17.52 | 266 | 584320  | 39.876 | ng/ul  | 99 |
| 79) Pvrene                     | 20.24 | 202 | 4530566 | 37.217 | ng/ul  | 98 |

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

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