

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM112818\  
 Data File : BM017788.D  
 Acq On : 29 Nov 2018 01:21  
 Operator : JU/SJ  
 Sample : J5979-04MSD  
 Misc :  
 ALS Vial : 22 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 ETO65MSD

Manual Integrations  
 APPROVED

mohammad  
 11/29/2018 1:57:57 PM

Quant Time: Dec 03 13:53:57 2018  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_M\METHODS\SOM-EPA-BM111918MA.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Thu Nov 29 00:55:29 2018  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 7.59  | 152  | 187879   | 20.00 | ng/ul | 0.00     |
| 18) Naphthalene-d8        | 10.36 | 136  | 861233   | 20.00 | ng/ul | 0.00     |
| 35) Acenaphthene-d10      | 14.23 | 164  | 511591   | 20.00 | ng/ul | 0.00     |
| 61) Phenanthrene-d10      | 16.99 | 188  | 1190543  | 20.00 | ng/ul | 0.00     |
| 77) Chrysene-d12          | 21.20 | 240  | 1305693  | 20.00 | ng/ul | 0.00     |
| 85) Perylene-d12          | 23.38 | 264  | 1221736  | 20.00 | ng/ul | 0.00     |

## System Monitoring Compounds

|                                |       |     |         |       |       |      |
|--------------------------------|-------|-----|---------|-------|-------|------|
| 3) 1,4-Dioxane-d8              | 3.19  | 96  | 24820m  | 6.05  | ng/uL | 0.00 |
| 5) Phenol-d5                   | 6.77  | 99  | 467609  | 27.25 | ng/ul | 0.00 |
| 7) Bis-(2-Chloroethyl)ether-d  | 6.94  | 67  | 337399  | 32.61 | ng/ul | 0.00 |
| 9) 2-Chlorophenol-d4           | 7.12  | 132 | 403473  | 30.05 | ng/ul | 0.00 |
| 13) 4-Methylphenol-d8          | 8.30  | 113 | 413357  | 29.48 | ng/ul | 0.00 |
| 19) Nitrobenzene-d5            | 8.74  | 128 | 214747  | 32.46 | ng/ul | 0.00 |
| 22) 2-Nitrophenol-d4           | 9.46  | 143 | 231566  | 30.55 | ng/ul | 0.00 |
| 26) 2,4-Dichlorophenol-d3      | 9.99  | 165 | 409791  | 28.40 | ng/ul | 0.00 |
| 29) 4-Chloroaniline-d4         | 10.51 | 131 | 553706  | 44.72 | ng/ul | 0.00 |
| 43) Dimethylphthalate-d6       | 13.66 | 166 | 1534003 | 34.56 | ng/ul | 0.00 |
| 46) Acenaphthylene-d8          | 13.92 | 160 | 1647204 | 30.66 | ng/ul | 0.00 |
| 51) 4-Nitrophenol-d4           | 14.46 | 143 | 175445  | 21.74 | ng/ul | 0.00 |
| 57) Fluorene-d10               | 15.23 | 176 | 1251288 | 32.64 | ng/ul | 0.00 |
| 62) 4,6-Dinitro-2-methylphenol | 15.37 | 200 | 189333  | 22.25 | ng/ul | 0.00 |
| 70) Anthracene-d10             | 17.09 | 188 | 1859041 | 31.36 | ng/ul | 0.00 |
| 78) Pyrene-d10                 | 19.39 | 212 | 2051639 | 32.47 | ng/ul | 0.00 |
| 89) Benzo(a)pyrene-d12         | 23.24 | 264 | 1986252 | 29.98 | ng/ul | 0.00 |

## Target Compounds

|                                |       |     |         |        | Ovalue    |
|--------------------------------|-------|-----|---------|--------|-----------|
| 6) Phenol                      | 6.80  | 94  | 493887  | 28.836 | ng/ul 100 |
| 10) 2-Chlorophenol             | 7.16  | 128 | 356505  | 26.577 | ng/ul 98  |
| 15) N-Nitroso-di-n-propylamine | 8.39  | 70  | 367977  | 32.285 | ng/ul 98  |
| 33) 4-Chloro-3-methylphenol    | 11.66 | 107 | 413494  | 26.723 | ng/ul 96  |
| 44) Dimethylphthalate          | 13.70 | 163 | 187588  | 4.362  | ng/ul 99  |
| 49) Acenaphthene               | 14.30 | 153 | 1028564 | 28.446 | ng/ul 99  |
| 52) 4-Nitrophenol              | 14.47 | 109 | 152406  | 22.959 | ng/ul 96  |
| 54) 2,4-Dinitrotoluene         | 14.62 | 165 | 400063  | 31.267 | ng/ul 93  |
| 68) Pentachlorophenol          | 16.64 | 266 | 224556  | 23.869 | ng/ul 95  |
| 79) Pyrene                     | 19.42 | 202 | 2350122 | 29.650 | ng/ul 99  |

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

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