

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM090820\  
 Data File : BM027354.D  
 Acq On : 08 Sep 2020 12:26  
 Operator : JU/CG  
 Sample : L3891-04MS  
 Misc :  
 ALS Vial : 6 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 EW289MS

Quant Time: Sep 08 13:02:16 2020  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_M\METHODS\SOM-EPA-BM090420MA.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Tue Sep 08 10:18:28 2020  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 7.57  | 152  | 103520   | 20.00 | ng/ul | 0.00     |
| 18) Naphthalene-d8        | 10.34 | 136  | 417218   | 20.00 | ng/ul | 0.00     |
| 36) Acenaphthene-d10      | 14.21 | 164  | 316953   | 20.00 | ng/ul | 0.00     |
| 62) Phenanthrene-d10      | 16.96 | 188  | 783509   | 20.00 | ng/ul | 0.00     |
| 78) Chrysene-d12          | 21.16 | 240  | 937221   | 20.00 | ng/ul | 0.00     |
| 86) Perylene-d12          | 23.33 | 264  | 982109   | 20.00 | ng/ul | 0.00     |

## System Monitoring Compounds

|                                |       |     |         |       |       |      |
|--------------------------------|-------|-----|---------|-------|-------|------|
| 3) 1,4-Dioxane-d8              | 3.13  | 96  | 16016   | 6.88  | ng/uL | 0.00 |
| 5) Phenol-d5                   | 6.75  | 99  | 48345   | 5.67  | ng/ul | 0.00 |
| 7) Bis-(2-Chloroethyl)ether-d  | 6.91  | 67  | 149803  | 26.44 | ng/ul | 0.00 |
| 9) 2-Chlorophenol-d4           | 7.10  | 132 | 142624  | 22.83 | ng/ul | 0.00 |
| 13) 4-Methylphenol-d8          | 8.28  | 113 | 91355   | 13.13 | ng/ul | 0.00 |
| 19) Nitrobenzene-d5            | 8.71  | 128 | 88850   | 28.29 | ng/ul | 0.00 |
| 22) 2-Nitrophenol-d4           | 9.43  | 143 | 100579  | 29.20 | ng/ul | 0.00 |
| 26) 2,4-Dichlorophenol-d3      | 9.96  | 165 | 183014  | 24.69 | ng/ul | 0.00 |
| 29) 4-Chloroaniline-d4         | 10.48 | 131 | 27883   | 3.18  | ng/ul | 0.00 |
| 44) Dimethylphthalate-d6       | 13.63 | 166 | 799568  | 31.70 | ng/ul | 0.00 |
| 47) Acenaphthylene-d8          | 13.90 | 160 | 873218  | 30.65 | ng/ul | 0.00 |
| 52) 4-Nitrophenol-d4           | 14.42 | 143 | 22480   | 5.06  | ng/ul | 0.00 |
| 58) Fluorene-d10               | 15.21 | 176 | 697307  | 30.87 | ng/ul | 0.00 |
| 63) 4,6-Dinitro-2-methylphenol | 15.33 | 200 | 141983  | 28.32 | ng/ul | 0.00 |
| 71) Anthracene-d10             | 17.06 | 188 | 1287424 | 34.75 | ng/ul | 0.00 |
| 79) Pyrene-d10                 | 19.36 | 212 | 1606789 | 38.48 | ng/ul | 0.00 |
| 90) Benzo(a)pyrene-d12         | 23.19 | 264 | 1792886 | 34.03 | ng/ul | 0.00 |

## Target Compounds

|                                |       |     |         |        | Ovalue    |
|--------------------------------|-------|-----|---------|--------|-----------|
| 6) Phenol                      | 6.78  | 94  | 56093   | 6.186  | ng/ul 95  |
| 10) 2-Chlorophenol             | 7.14  | 128 | 142262  | 21.830 | ng/ul 98  |
| 15) N-Nitroso-di-n-propylamine | 8.37  | 70  | 191835  | 28.704 | ng/ul 99  |
| 33) 4-Chloro-3-methylphenol    | 11.63 | 107 | 189331  | 24.084 | ng/ul 99  |
| 45) Dimethylphthalate          | 13.67 | 163 | 90985   | 3.423  | ng/ul 100 |
| 50) Acenaphthene               | 14.27 | 153 | 567184  | 27.460 | ng/ul 100 |
| 53) 4-Nitrophenol              | 14.43 | 109 | 28459   | 6.148  | ng/ul 88  |
| 55) 2,4-Dinitrotoluene         | 14.58 | 165 | 250304  | 32.041 | ng/ul 98  |
| 69) Pentachlorophenol          | 16.62 | 266 | 209459  | 31.084 | ng/ul 97  |
| 80) Pyrene                     | 19.39 | 202 | 1969953 | 34.745 | ng/ul 100 |

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

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