

Data Path : W:\HPCHEM1\MSVOA V\DATA\VV052618\  
 Data File : VV006078.D  
 Acq On : 27 May 2018 02:12  
 Operator : SY/MD  
 Sample : J3092-17 100X  
 Misc : 5.0 mL/MSVOA V/WATER  
 ALS Vial : 35 Sample Multiplier: 1

Quant Time: May 28 04:33:28 2018  
 Quant Method : W:\HPCHEM1\MSVOA\_V\METHOD\SOMVLM052518WMA.M  
 Quant Title : VOC Analysis  
 QLast Update : Mon May 28 02:03:29 2018  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Difluorobenzene     | 5.67  | 114  | 162691   | 50.00 | ug/L  | 0.00     |
| 28) Chlorobenzene-d5       | 8.90  | 117  | 149435   | 50.00 | ug/L  | 0.00     |
| 60) 1,4-Dichlorobenzene-d4 | 11.30 | 152  | 57574    | 50.00 | ug/L  | 0.00     |

## System Monitoring Compounds

|                                |         |       |          |          |      |         |
|--------------------------------|---------|-------|----------|----------|------|---------|
| 4) Vinyl Chloride-d3           | 1.32    | 65    | 49050    | 43.17    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 60 - 135 | Recovery | =    | 86.34%  |
| 7) Chloroethane-d5             | 1.55    | 69    | 12217    | 15.20    | ug/L | -0.02   |
| Spiked Amount                  | 50.000  | Range | 70 - 130 | Recovery | =    | 30.40%# |
| 11) 1,1-Dichloroethene-d2      | 2.12    | 63    | 70548    | 33.36    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 60 - 125 | Recovery | =    | 66.72%  |
| 21) 2-Butanone-d5              | 3.95    | 46    | 54376    | 83.55    | ug/L | 0.00    |
| Spiked Amount                  | 100.000 | Range | 40 - 130 | Recovery | =    | 83.55%  |
| 24) Chloroform-d               | 4.40    | 84    | 98003    | 45.76    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 70 - 125 | Recovery | =    | 91.52%  |
| 26) 1,2-Dichloroethane-d4      | 5.09    | 65    | 68114    | 48.72    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 70 - 125 | Recovery | =    | 97.44%  |
| 32) Benzene-d6                 | 5.10    | 84    | 193896   | 48.81    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 70 - 125 | Recovery | =    | 97.62%  |
| 36) 1,2-Dichloropropane-d6     | 6.12    | 67    | 62591    | 49.61    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 70 - 120 | Recovery | =    | 99.22%  |
| 41) Toluene-d8                 | 7.36    | 98    | 165499   | 45.03    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 80 - 120 | Recovery | =    | 90.06%  |
| 43) trans-1,3-Dichloropropene- | 7.67    | 79    | 24678    | 42.47    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 60 - 125 | Recovery | =    | 84.94%  |
| 47) 2-Hexanone-d5              | 8.14    | 63    | 50289    | 101.42   | ug/L | 0.00    |
| Spiked Amount                  | 100.000 | Range | 45 - 130 | Recovery | =    | 101.42% |
| 57) 1,1,2,2-Tetrachloroethane- | 10.27   | 84    | 88839    | 51.21    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 65 - 120 | Recovery | =    | 102.42% |
| 64) 1,2-Dichlorobenzene-d4     | 11.68   | 152   | 62285    | 54.39    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 80 - 120 | Recovery | =    | 108.78% |

| Target Compounds | Ovalue |
|------------------|--------|
| -----            |        |

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

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