

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV101519\  
 Data File : VV013163.D  
 Acq On : 15 Oct 2019 13:47  
 Operator : SY/MD  
 Sample : K5191-01  
 Misc : 5.00ML/MSVOA V/WATER  
 ALS Vial : 8 Sample Multiplier: 1

Instrument :  
 MSVOA\_V  
 ClientSampleId :  
 BF6K8

Quant Time: Oct 15 18:29:54 2019  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_V\METHOD\SOMVLM101119WMA.M  
 Quant Title : VOC Analysis  
 QLast Update : Tue Oct 15 18:13:27 2019  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Difluorobenzene     | 5.66  | 114  | 851073   | 50.00 | ug/L  | 0.00     |
| 28) Chlorobenzene-d5       | 8.89  | 117  | 827968   | 50.00 | ug/L  | 0.00     |
| 60) 1,4-Dichlorobenzene-d4 | 11.29 | 152  | 397155   | 50.00 | ug/L  | 0.00     |

## System Monitoring Compounds

|                                |         |       |          |          |      |         |
|--------------------------------|---------|-------|----------|----------|------|---------|
| 4) Vinyl Chloride-d3           | 1.32    | 65    | 304055   | 56.52    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 60 - 135 | Recovery | =    | 113.04% |
| 7) Chloroethane-d5             | 1.58    | 69    | 258795   | 58.69    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 70 - 130 | Recovery | =    | 117.38% |
| 11) 1,1-Dichloroethene-d2      | 2.13    | 63    | 424453   | 41.83    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 60 - 125 | Recovery | =    | 83.66%  |
| 21) 2-Butanone-d5              | 3.92    | 46    | 405967   | 100.36   | ug/L | 0.00    |
| Spiked Amount                  | 100.000 | Range | 40 - 130 | Recovery | =    | 100.36% |
| 24) Chloroform-d               | 4.40    | 84    | 459541   | 44.37    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 70 - 125 | Recovery | =    | 88.74%  |
| 26) 1,2-Dichloroethane-d4      | 5.08    | 65    | 345763   | 54.16    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 70 - 125 | Recovery | =    | 108.32% |
| 32) Benzene-d6                 | 5.10    | 84    | 1157855  | 52.41    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 70 - 125 | Recovery | =    | 104.82% |
| 36) 1,2-Dichloropropane-d6     | 6.12    | 67    | 365849   | 52.86    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 70 - 120 | Recovery | =    | 105.72% |
| 41) Toluene-d8                 | 7.36    | 98    | 1000727  | 50.62    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 80 - 120 | Recovery | =    | 101.24% |
| 43) trans-1,3-Dichloropropene- | 7.66    | 79    | 145443   | 46.39    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 60 - 125 | Recovery | =    | 92.78%  |
| 47) 2-Hexanone-d5              | 8.13    | 63    | 223673   | 81.22    | ug/L | 0.00    |
| Spiked Amount                  | 100.000 | Range | 45 - 130 | Recovery | =    | 81.22%  |
| 57) 1,1,2,2-Tetrachloroethane- | 10.26   | 84    | 267407   | 29.94    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 65 - 120 | Recovery | =    | 59.88%# |
| 64) 1,2-Dichlorobenzene-d4     | 11.67   | 152   | 395425   | 50.82    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 80 - 120 | Recovery | =    | 101.64% |

## Target Compounds

|                        |      |    |       |       | Ovalue   |
|------------------------|------|----|-------|-------|----------|
| 13) Acetone            | 2.18 | 43 | 23593 | 6.352 | ug/L 100 |
| 16) Methylene chloride | 2.54 | 84 | 21958 | 3.497 | ug/L 98  |
| 25) Chloroform         | 4.42 | 83 | 92030 | 8.457 | ug/L 100 |

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

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