

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV100220\  
 Data File : VV018620.D  
 Acq On : 02 Oct 2020 13:02  
 Operator : SY/MD  
 Sample : L4185-06  
 Misc : 5.0mL/MSVOA V/WATER  
 ALS Vial : 6 Sample Multiplier: 1

Instrument :  
 MSVOA\_V  
 ClientSampleId :  
 C0AS6

Quant Time: Oct 03 01:20:03 2020  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_V\METHOD\SOMVLM092920WMA.M  
 Quant Title : VOC Analysis  
 QLast Update : Sat Oct 03 00:50:30 2020  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Difluorobenzene     | 5.64  | 114  | 285968   | 50.00 | ug/L  | 0.00     |
| 28) Chlorobenzene-d5       | 8.87  | 117  | 286509   | 50.00 | ug/L  | 0.00     |
| 60) 1,4-Dichlorobenzene-d4 | 11.27 | 152  | 143390   | 50.00 | ug/L  | 0.00     |

## System Monitoring Compounds

|                                |         |       |          |          |      |         |
|--------------------------------|---------|-------|----------|----------|------|---------|
| 4) Vinyl Chloride-d3           | 1.32    | 65    | 81969    | 48.87    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 60 - 135 | Recovery | =    | 97.74%  |
| 7) Chloroethane-d5             | 1.58    | 69    | 81180    | 58.54    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 70 - 130 | Recovery | =    | 117.08% |
| 11) 1,1-Dichloroethene-d2      | 2.12    | 63    | 143155   | 41.89    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 60 - 125 | Recovery | =    | 83.78%  |
| 21) 2-Butanone-d5              | 3.92    | 46    | 105821   | 84.59    | ug/L | 0.01    |
| Spiked Amount                  | 100.000 | Range | 40 - 130 | Recovery | =    | 84.59%  |
| 24) Chloroform-d               | 4.38    | 84    | 165929   | 45.75    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 70 - 125 | Recovery | =    | 91.50%  |
| 26) 1,2-Dichloroethane-d4      | 5.06    | 65    | 112697   | 48.95    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 70 - 125 | Recovery | =    | 97.90%  |
| 32) Benzene-d6                 | 5.08    | 84    | 326329   | 44.97    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 70 - 125 | Recovery | =    | 89.94%  |
| 36) 1,2-Dichloropropane-d6     | 6.09    | 67    | 99904    | 45.56    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 70 - 120 | Recovery | =    | 91.12%  |
| 41) Toluene-d8                 | 7.34    | 98    | 296848   | 43.48    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 80 - 120 | Recovery | =    | 86.96%  |
| 43) trans-1,3-Dichloropropene- | 7.64    | 79    | 49183    | 41.52    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 60 - 125 | Recovery | =    | 83.04%  |
| 47) 2-Hexanone-d5              | 8.11    | 63    | 55410    | 66.53    | ug/L | 0.00    |
| Spiked Amount                  | 100.000 | Range | 45 - 130 | Recovery | =    | 66.53%  |
| 57) 1,1,2,2-Tetrachloroethane- | 10.24   | 84    | 107397   | 36.94    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 65 - 120 | Recovery | =    | 73.88%  |
| 64) 1,2-Dichlorobenzene-d4     | 11.65   | 152   | 131261   | 47.60    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 80 - 120 | Recovery | =    | 95.20%  |

| Target Compounds |      |    |       |             | Ovalue |
|------------------|------|----|-------|-------------|--------|
| 3) Chloromethane | 1.25 | 50 | 1551  | 0.745 ug/L  | 99     |
| 13) Acetone      | 2.20 | 43 | 10869 | 10.056 ug/L | 92     |
| 42) Toluene      | 7.41 | 91 | 6773  | 0.744 ug/L  | 93     |

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

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