

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV101220\  
 Data File : VV018862.D  
 Acq On : 12 Oct 2020 17:29  
 Operator : SY/MD  
 Sample : L4287-04DL 500X  
 Misc : 5.0mL/MSVOA V/WATER  
 ALS Vial : 1 Sample Multiplier: 1

Instrument :  
 MSVOA\_V  
 ClientSampleId :  
 C0AK2DL

Quant Time: Oct 13 02:54:20 2020  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_V\METHOD\SOMVLM100820WMA.M  
 Quant Title : VOC Analysis  
 QLast Update : Tue Oct 13 01:02:26 2020  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Difluorobenzene     | 5.64  | 114  | 322791   | 50.00 | ug/L  | 0.00     |
| 28) Chlorobenzene-d5       | 8.87  | 117  | 333419   | 50.00 | ug/L  | 0.00     |
| 60) 1,4-Dichlorobenzene-d4 | 11.27 | 152  | 151596   | 50.00 | ug/L  | 0.00     |

## System Monitoring Compounds

|                                |         |       |          |          |      |        |
|--------------------------------|---------|-------|----------|----------|------|--------|
| 4) Vinyl Chloride-d3           | 1.31    | 65    | 134720   | 45.93    | ug/L | 0.00   |
| Spiked Amount                  | 50.000  | Range | 60 - 135 | Recovery | =    | 91.86% |
| 7) Chloroethane-d5             | 1.58    | 69    | 105753   | 44.80    | ug/L | 0.00   |
| Spiked Amount                  | 50.000  | Range | 70 - 130 | Recovery | =    | 89.60% |
| 11) 1,1-Dichloroethene-d2      | 2.12    | 63    | 194756   | 34.44    | ug/L | 0.00   |
| Spiked Amount                  | 50.000  | Range | 60 - 125 | Recovery | =    | 68.88% |
| 21) 2-Butanone-d5              | 3.90    | 46    | 169574   | 94.16    | ug/L | 0.00   |
| Spiked Amount                  | 100.000 | Range | 40 - 130 | Recovery | =    | 94.16% |
| 24) Chloroform-d               | 4.37    | 84    | 212614   | 41.09    | ug/L | 0.00   |
| Spiked Amount                  | 50.000  | Range | 70 - 125 | Recovery | =    | 82.18% |
| 26) 1,2-Dichloroethane-d4      | 5.05    | 65    | 153896   | 43.87    | ug/L | 0.00   |
| Spiked Amount                  | 50.000  | Range | 70 - 125 | Recovery | =    | 87.74% |
| 32) Benzene-d6                 | 5.07    | 84    | 436832   | 40.71    | ug/L | 0.00   |
| Spiked Amount                  | 50.000  | Range | 70 - 125 | Recovery | =    | 81.42% |
| 36) 1,2-Dichloropropane-d6     | 6.09    | 67    | 140553   | 40.17    | ug/L | 0.00   |
| Spiked Amount                  | 50.000  | Range | 70 - 120 | Recovery | =    | 80.34% |
| 41) Toluene-d8                 | 7.34    | 98    | 382833   | 40.19    | ug/L | 0.00   |
| Spiked Amount                  | 50.000  | Range | 80 - 120 | Recovery | =    | 80.38% |
| 43) trans-1,3-Dichloropropene- | 7.64    | 79    | 64958    | 37.98    | ug/L | 0.00   |
| Spiked Amount                  | 50.000  | Range | 60 - 125 | Recovery | =    | 75.96% |
| 47) 2-Hexanone-d5              | 8.11    | 63    | 92771    | 75.65    | ug/L | 0.00   |
| Spiked Amount                  | 100.000 | Range | 45 - 130 | Recovery | =    | 75.65% |
| 57) 1,1,2,2-Tetrachloroethane- | 10.24   | 84    | 147024   | 36.53    | ug/L | 0.00   |
| Spiked Amount                  | 50.000  | Range | 65 - 120 | Recovery | =    | 73.06% |
| 64) 1,2-Dichlorobenzene-d4     | 11.65   | 152   | 155146   | 46.24    | ug/L | 0.00   |
| Spiked Amount                  | 50.000  | Range | 80 - 120 | Recovery | =    | 92.48% |

## Target Compounds

|                            |      |     |       |             | Ovalue |
|----------------------------|------|-----|-------|-------------|--------|
| 20) cis-1,2-Dichloroethene | 3.94 | 96  | 10018 | 4.020 ug/L  | 97     |
| 34) Trichloroethene        | 5.94 | 95  | 8057  | 2.646 ug/L  | 96     |
| 46) Tetrachloroethene      | 8.00 | 164 | 31433 | 14.088 ug/L | 100    |

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

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