

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV072020\  
 Data File : VV017546.D  
 Acq On : 20 Jul 2020 15:50  
 Operator : SY/MD  
 Sample : L3314-04  
 Misc : 5.0mL/MSVOA V/WATER  
 ALS Vial : 13 Sample Multiplier: 1

Instrument :  
 MSVOA\_V  
 ClientSampleId :  
 F4C27

Quant Time: Jul 21 03:04:06 2020  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_V\METHOD\SOMVLM072020WMA.M  
 Quant Title : VOC Analysis  
 QLast Update : Mon Jul 20 18:07:44 2020  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Difluorobenzene     | 5.64  | 114  | 277722   | 50.00 | ug/L  | 0.00     |
| 28) Chlorobenzene-d5       | 8.87  | 117  | 279670   | 50.00 | ug/L  | 0.00     |
| 60) 1,4-Dichlorobenzene-d4 | 11.27 | 152  | 142012   | 50.00 | ug/L  | 0.00     |

## System Monitoring Compounds

|                                |         |       |          |          |      |         |
|--------------------------------|---------|-------|----------|----------|------|---------|
| 4) Vinyl Chloride-d3           | 1.32    | 65    | 74753    | 48.25    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 60 - 135 | Recovery | =    | 96.50%  |
| 7) Chloroethane-d5             | 1.58    | 69    | 55337    | 43.40    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 70 - 130 | Recovery | =    | 86.80%  |
| 11) 1,1-Dichloroethene-d2      | 2.12    | 63    | 135296   | 35.91    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 60 - 125 | Recovery | =    | 71.82%  |
| 21) 2-Butanone-d5              | 3.91    | 46    | 101848   | 90.49    | ug/L | 0.00    |
| Spiked Amount                  | 100.000 | Range | 40 - 130 | Recovery | =    | 90.49%  |
| 24) Chloroform-d               | 4.38    | 84    | 158900   | 44.77    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 70 - 125 | Recovery | =    | 89.54%  |
| 26) 1,2-Dichloroethane-d4      | 5.06    | 65    | 117483   | 48.50    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 70 - 125 | Recovery | =    | 97.00%  |
| 32) Benzene-d6                 | 5.08    | 84    | 283206   | 45.92    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 70 - 125 | Recovery | =    | 91.84%  |
| 36) 1,2-Dichloropropane-d6     | 6.09    | 67    | 82545    | 45.37    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 70 - 120 | Recovery | =    | 90.74%  |
| 41) Toluene-d8                 | 7.34    | 98    | 263258   | 45.03    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 80 - 120 | Recovery | =    | 90.06%  |
| 43) trans-1,3-Dichloropropene- | 7.64    | 79    | 49074    | 43.84    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 60 - 125 | Recovery | =    | 87.68%  |
| 47) 2-Hexanone-d5              | 8.11    | 63    | 96307    | 112.72   | ug/L | 0.00    |
| Spiked Amount                  | 100.000 | Range | 45 - 130 | Recovery | =    | 112.72% |
| 57) 1,1,2,2-Tetrachloroethane- | 10.24   | 84    | 120438   | 45.86    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 65 - 120 | Recovery | =    | 91.72%  |
| 64) 1,2-Dichlorobenzene-d4     | 11.65   | 152   | 130582   | 50.88    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 80 - 120 | Recovery | =    | 101.76% |

## Target Compounds

|                                |      |     |       |              | Ovalue |
|--------------------------------|------|-----|-------|--------------|--------|
| 10) 1,1,2-Trichloro-1,2,2-trif | 2.13 | 101 | 4258  | 2.057 ug/L # | 74     |
| 12) 1,1-Dichloroethene         | 2.13 | 96  | 13795 | 7.446 ug/L # | 1      |
| 13) Acetone                    | 2.19 | 43  | 30588 | 22.278 ug/L  | 98     |
| 19) 1,1-Dichloroethane         | 3.21 | 63  | 3962  | 1.183 ug/L # | 89     |
| 34) Trichloroethene            | 5.95 | 95  | 5236  | 2.630 ug/L   | 90     |

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

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