

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV080620\  
 Data File : VV017807.D  
 Acq On : 06 Aug 2020 12:27  
 Operator : SY/MD  
 Sample : L3572-15  
 Misc : 5.0mL/MSVOA V/WATER  
 ALS Vial : 7 Sample Multiplier: 1

Instrument :  
 MSVOA\_V  
 ClientSampleId :  
 F4L14

Quant Time: Aug 07 05:46:36 2020  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_V\METHOD\SOMVLM073020WMA.M  
 Quant Title : VOC Analysis  
 QLast Update : Fri Aug 07 05:27:52 2020  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Difluorobenzene     | 5.64  | 114  | 215817   | 50.00 | ug/L  | 0.00     |
| 28) Chlorobenzene-d5       | 8.87  | 117  | 212185   | 50.00 | ug/L  | 0.00     |
| 60) 1,4-Dichlorobenzene-d4 | 11.27 | 152  | 114101   | 50.00 | ug/L  | 0.00     |

## System Monitoring Compounds

|                                |         |       |          |          |      |        |
|--------------------------------|---------|-------|----------|----------|------|--------|
| 4) Vinyl Chloride-d3           | 1.31    | 65    | 41004    | 38.96    | ug/L | 0.00   |
| Spiked Amount                  | 50.000  | Range | 60 - 135 | Recovery | =    | 77.92% |
| 7) Chloroethane-d5             | 1.58    | 69    | 39607    | 44.08    | ug/L | 0.00   |
| Spiked Amount                  | 50.000  | Range | 70 - 130 | Recovery | =    | 88.16% |
| 11) 1,1-Dichloroethene-d2      | 2.12    | 63    | 80445    | 31.81    | ug/L | 0.00   |
| Spiked Amount                  | 50.000  | Range | 60 - 125 | Recovery | =    | 63.62% |
| 21) 2-Butanone-d5              | 3.91    | 46    | 69924    | 88.36    | ug/L | 0.00   |
| Spiked Amount                  | 100.000 | Range | 40 - 130 | Recovery | =    | 88.36% |
| 24) Chloroform-d               | 4.37    | 84    | 130469   | 45.36    | ug/L | 0.00   |
| Spiked Amount                  | 50.000  | Range | 70 - 125 | Recovery | =    | 90.72% |
| 26) 1,2-Dichloroethane-d4      | 5.06    | 65    | 103857   | 49.44    | ug/L | 0.00   |
| Spiked Amount                  | 50.000  | Range | 70 - 125 | Recovery | =    | 98.88% |
| 32) Benzene-d6                 | 5.08    | 84    | 217881   | 43.40    | ug/L | 0.00   |
| Spiked Amount                  | 50.000  | Range | 70 - 125 | Recovery | =    | 86.80% |
| 36) 1,2-Dichloropropane-d6     | 6.09    | 67    | 57583    | 41.53    | ug/L | 0.00   |
| Spiked Amount                  | 50.000  | Range | 70 - 120 | Recovery | =    | 83.06% |
| 41) Toluene-d8                 | 7.34    | 98    | 220797   | 44.85    | ug/L | 0.00   |
| Spiked Amount                  | 50.000  | Range | 80 - 120 | Recovery | =    | 89.70% |
| 43) trans-1,3-Dichloropropene- | 7.64    | 79    | 40385    | 44.08    | ug/L | 0.00   |
| Spiked Amount                  | 50.000  | Range | 60 - 125 | Recovery | =    | 88.16% |
| 47) 2-Hexanone-d5              | 8.11    | 63    | 50635    | 84.97    | ug/L | 0.00   |
| Spiked Amount                  | 100.000 | Range | 45 - 130 | Recovery | =    | 84.97% |
| 57) 1,1,2,2-Tetrachloroethane- | 10.24   | 84    | 84511    | 40.37    | ug/L | 0.00   |
| Spiked Amount                  | 50.000  | Range | 65 - 120 | Recovery | =    | 80.74% |
| 64) 1,2-Dichlorobenzene-d4     | 11.65   | 152   | 110038   | 49.13    | ug/L | 0.00   |
| Spiked Amount                  | 50.000  | Range | 80 - 120 | Recovery | =    | 98.26% |

## Target Compounds

|                            |      |    |       |              | Ovalue |
|----------------------------|------|----|-------|--------------|--------|
| 5) Vinyl chloride          | 1.32 | 62 | 2934  | 1.916 ug/L # | 70     |
| 20) cis-1,2-Dichloroethene | 3.94 | 96 | 15416 | 9.854 ug/L   | 98     |

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

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