

Data File : VV016529.D  
Acq On : 05 Jun 2020 12:33  
Operator : SY/MD  
Sample : L2861-01  
Misc : 5.0mL/MSVOA\_V/WATER  
ALS Vial : 7 Sample Multiplier: 1

Instrument :  
MSVOA\_V  
ClientSampleId :  
F9D72

Quant Time: Jun 06 00:47:26 2020  
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_V\METHOD\SOMVLM060320WMA.M  
Quant Title : VOC Analysis  
QLast Update : Sat Jun 06 00:07:58 2020  
Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Difluorobenzene     | 5.64  | 114  | 344569   | 50.00 | ug/L  | 0.00     |
| 28) Chlorobenzene-d5       | 8.87  | 117  | 324181   | 50.00 | ug/L  | 0.00     |
| 60) 1,4-Dichlorobenzene-d4 | 11.27 | 152  | 151519   | 50.00 | ug/L  | 0.00     |

#### System Monitoring Compounds

|                                |         |       |          |          |      |         |
|--------------------------------|---------|-------|----------|----------|------|---------|
| 4) Vinyl Chloride-d3           | 1.31    | 65    | 110731   | 45.37    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 60 - 135 | Recovery | =    | 90.74%  |
| 7) Chloroethane-d5             | 1.57    | 69    | 78936    | 44.80    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 70 - 130 | Recovery | =    | 89.60%  |
| 11) 1,1-Dichloroethene-d2      | 2.12    | 63    | 149537   | 34.56    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 60 - 125 | Recovery | =    | 69.12%  |
| 21) 2-Butanone-d5              | 3.89    | 46    | 165925   | 106.33   | ug/L | 0.00    |
| Spiked Amount                  | 100.000 | Range | 40 - 130 | Recovery | =    | 106.33% |
| 24) Chloroform-d               | 4.37    | 84    | 218723   | 47.76    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 70 - 125 | Recovery | =    | 95.52%  |
| 26) 1,2-Dichloroethane-d4      | 5.05    | 65    | 154847   | 50.49    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 70 - 125 | Recovery | =    | 100.98% |
| 32) Benzene-d6                 | 5.07    | 84    | 440074   | 50.68    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 70 - 125 | Recovery | =    | 101.36% |
| 36) 1,2-Dichloropropane-d6     | 6.09    | 67    | 136381   | 50.40    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 70 - 120 | Recovery | =    | 100.80% |
| 41) Toluene-d8                 | 7.34    | 98    | 395088   | 50.10    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 80 - 120 | Recovery | =    | 100.20% |
| 43) trans-1,3-Dichloropropene- | 7.64    | 79    | 59081    | 44.80    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 60 - 125 | Recovery | =    | 89.60%  |
| 47) 2-Hexanone-d5              | 8.11    | 63    | 122980   | 106.13   | ug/L | 0.00    |
| Spiked Amount                  | 100.000 | Range | 45 - 130 | Recovery | =    | 106.13% |
| 57) 1,1,2,2-Tetrachloroethane- | 10.24   | 84    | 181040   | 49.33    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 65 - 120 | Recovery | =    | 98.66%  |
| 64) 1,2-Dichlorobenzene-d4     | 11.65   | 152   | 155409   | 54.58    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 80 - 120 | Recovery | =    | 109.16% |

| Target Compounds |      |    |      |            | Qvalue |
|------------------|------|----|------|------------|--------|
| 13) Acetone      | 2.17 | 43 | 2217 | 1.520 ug/L | 83     |

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

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