

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV100220\  
 Data File : VV018635.D  
 Acq On : 02 Oct 2020 19:11  
 Operator : SY/MD  
 Sample : L4237-06DL 10X  
 Misc : 5.0mL/MSVOA V/WATER  
 ALS Vial : 21 Sample Multiplier: 1

Instrument :  
 MSVOA\_V  
 ClientSampleId :  
 E0AC1DL

Quant Time: Oct 03 02:56:23 2020  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_V\METHOD\SOMVLM092920WMA.M  
 Quant Title : VOC Analysis  
 QLast Update : Sat Oct 03 02:08:43 2020  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Difluorobenzene     | 5.64  | 114  | 314977   | 50.00 | ug/L  | 0.00     |
| 28) Chlorobenzene-d5       | 8.87  | 117  | 307365   | 50.00 | ug/L  | 0.00     |
| 60) 1,4-Dichlorobenzene-d4 | 11.27 | 152  | 151333   | 50.00 | ug/L  | 0.00     |

## System Monitoring Compounds

|                                |         |       |          |          |      |         |
|--------------------------------|---------|-------|----------|----------|------|---------|
| 4) Vinyl Chloride-d3           | 1.32    | 65    | 77997    | 42.22    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 60 - 135 | Recovery | =    | 84.44%  |
| 7) Chloroethane-d5             | 1.58    | 69    | 79273    | 51.90    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 70 - 130 | Recovery | =    | 103.80% |
| 11) 1,1-Dichloroethene-d2      | 2.12    | 63    | 135984   | 36.13    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 60 - 125 | Recovery | =    | 72.26%  |
| 21) 2-Butanone-d5              | 3.92    | 46    | 114099   | 82.81    | ug/L | 0.00    |
| Spiked Amount                  | 100.000 | Range | 40 - 130 | Recovery | =    | 82.81%  |
| 24) Chloroform-d               | 4.38    | 84    | 171400   | 42.91    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 70 - 125 | Recovery | =    | 85.82%  |
| 26) 1,2-Dichloroethane-d4      | 5.06    | 65    | 117805   | 46.46    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 70 - 125 | Recovery | =    | 92.92%  |
| 32) Benzene-d6                 | 5.07    | 84    | 331578   | 42.59    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 70 - 125 | Recovery | =    | 85.18%  |
| 36) 1,2-Dichloropropane-d6     | 6.09    | 67    | 102846   | 43.72    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 70 - 120 | Recovery | =    | 87.44%  |
| 41) Toluene-d8                 | 7.34    | 98    | 301699   | 41.19    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 80 - 120 | Recovery | =    | 82.38%  |
| 43) trans-1,3-Dichloropropene- | 7.64    | 79    | 51265    | 40.34    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 60 - 125 | Recovery | =    | 80.68%  |
| 47) 2-Hexanone-d5              | 8.11    | 63    | 62005    | 69.40    | ug/L | 0.00    |
| Spiked Amount                  | 100.000 | Range | 45 - 130 | Recovery | =    | 69.40%  |
| 57) 1,1,2,2-Tetrachloroethane- | 10.24   | 84    | 119043   | 38.17    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 65 - 120 | Recovery | =    | 76.34%  |
| 64) 1,2-Dichlorobenzene-d4     | 11.65   | 152   | 132487   | 45.52    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 80 - 120 | Recovery | =    | 91.04%  |

| Target Compounds    |      |    |        |             | Ovalue |
|---------------------|------|----|--------|-------------|--------|
| 34) Trichloroethene | 5.94 | 95 | 105375 | 40.196 ug/L | 98     |

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

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