

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV091820\  
 Data File : VV018348.D  
 Acq On : 19 Sep 2020 01:16  
 Operator : SY/MD  
 Sample : L4080-10  
 Misc : 5.0mL/MSVOA V/WATER  
 ALS Vial : 42 Sample Multiplier: 1

Instrument :  
 MSVOA\_V  
 ClientSampleId :  
 C0AM2

Quant Time: Sep 19 06:16:04 2020  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_V\METHOD\SOMVLM090920WMA.M  
 Quant Title : VOC Analysis  
 QLast Update : Sat Sep 19 05:11:16 2020  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Difluorobenzene     | 5.64  | 114  | 282687   | 50.00 | ug/L  | 0.00     |
| 28) Chlorobenzene-d5       | 8.87  | 117  | 280598   | 50.00 | ug/L  | 0.00     |
| 60) 1,4-Dichlorobenzene-d4 | 11.27 | 152  | 135727   | 50.00 | ug/L  | 0.00     |

## System Monitoring Compounds

|                                |         |       |          |          |      |         |
|--------------------------------|---------|-------|----------|----------|------|---------|
| 4) Vinyl Chloride-d3           | 1.31    | 65    | 105341   | 45.73    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 60 - 135 | Recovery | =    | 91.46%  |
| 7) Chloroethane-d5             | 1.58    | 69    | 88181    | 46.78    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 70 - 130 | Recovery | =    | 93.56%  |
| 11) 1,1-Dichloroethene-d2      | 2.12    | 63    | 153286   | 36.27    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 60 - 125 | Recovery | =    | 72.54%  |
| 21) 2-Butanone-d5              | 3.90    | 46    | 133771   | 94.87    | ug/L | -0.01   |
| Spiked Amount                  | 100.000 | Range | 40 - 130 | Recovery | =    | 94.87%  |
| 24) Chloroform-d               | 4.38    | 84    | 194063   | 48.55    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 70 - 125 | Recovery | =    | 97.10%  |
| 26) 1,2-Dichloroethane-d4      | 5.06    | 65    | 129819   | 50.67    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 70 - 125 | Recovery | =    | 101.34% |
| 32) Benzene-d6                 | 5.07    | 84    | 392764   | 48.90    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 70 - 125 | Recovery | =    | 97.80%  |
| 36) 1,2-Dichloropropane-d6     | 6.09    | 67    | 126529   | 49.57    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 70 - 120 | Recovery | =    | 99.14%  |
| 41) Toluene-d8                 | 7.34    | 98    | 349343   | 47.72    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 80 - 120 | Recovery | =    | 95.44%  |
| 43) trans-1,3-Dichloropropene- | 7.64    | 79    | 58348    | 44.99    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 60 - 125 | Recovery | =    | 89.98%  |
| 47) 2-Hexanone-d5              | 8.11    | 63    | 92165    | 95.33    | ug/L | 0.00    |
| Spiked Amount                  | 100.000 | Range | 45 - 130 | Recovery | =    | 95.33%  |
| 57) 1,1,2,2-Tetrachloroethane- | 10.24   | 84    | 156113   | 48.73    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 65 - 120 | Recovery | =    | 97.46%  |
| 64) 1,2-Dichlorobenzene-d4     | 11.65   | 152   | 146099   | 52.41    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 80 - 120 | Recovery | =    | 104.82% |

| Target Compounds           |      |    |       |             | Ovalue |
|----------------------------|------|----|-------|-------------|--------|
| 20) cis-1,2-Dichloroethene | 3.94 | 96 | 3231  | 1.580 ug/L  | 98     |
| 34) Trichloroethene        | 5.94 | 95 | 70606 | 32.307 ug/L | 99     |

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

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