

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV092420\  
 Data File : VV018420.D  
 Acq On : 24 Sep 2020 11:50  
 Operator : SY/MD  
 Sample : L4110-01  
 Misc : 5.0mL/MSVOA V/WATER  
 ALS Vial : 5 Sample Multiplier: 1

Instrument :  
 MSVOA\_V  
 ClientSampleId :  
 C0AK9

Quant Time: Sep 25 05:00:00 2020  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_V\METHOD\SOMVLM090920WMA.M  
 Quant Title : VOC Analysis  
 QLast Update : Fri Sep 25 04:36:20 2020  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Difluorobenzene     | 5.64  | 114  | 312584   | 50.00 | ug/L  | 0.00     |
| 28) Chlorobenzene-d5       | 8.87  | 117  | 306333   | 50.00 | ug/L  | 0.00     |
| 60) 1,4-Dichlorobenzene-d4 | 11.27 | 152  | 148157   | 50.00 | ug/L  | 0.00     |

## System Monitoring Compounds

|                                |         |       |          |          |      |         |
|--------------------------------|---------|-------|----------|----------|------|---------|
| 4) Vinyl Chloride-d3           | 1.32    | 65    | 88427    | 34.71    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 60 - 135 | Recovery | =    | 69.42%  |
| 7) Chloroethane-d5             | 1.58    | 69    | 76783    | 36.84    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 70 - 130 | Recovery | =    | 73.68%  |
| 11) 1,1-Dichloroethene-d2      | 2.12    | 63    | 134151   | 28.71    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 60 - 125 | Recovery | =    | 57.42%# |
| 21) 2-Butanone-d5              | 3.92    | 46    | 123549   | 79.24    | ug/L | 0.00    |
| Spiked Amount                  | 100.000 | Range | 40 - 130 | Recovery | =    | 79.24%  |
| 24) Chloroform-d               | 4.37    | 84    | 176001   | 39.82    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 70 - 125 | Recovery | =    | 79.64%  |
| 26) 1,2-Dichloroethane-d4      | 5.05    | 65    | 116861   | 41.25    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 70 - 125 | Recovery | =    | 82.50%  |
| 32) Benzene-d6                 | 5.07    | 84    | 360455   | 41.10    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 70 - 125 | Recovery | =    | 82.20%  |
| 36) 1,2-Dichloropropane-d6     | 6.09    | 67    | 115427   | 41.42    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 70 - 120 | Recovery | =    | 82.84%  |
| 41) Toluene-d8                 | 7.33    | 98    | 326451   | 40.85    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 80 - 120 | Recovery | =    | 81.70%  |
| 43) trans-1,3-Dichloropropene- | 7.64    | 79    | 49811    | 35.18    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 60 - 125 | Recovery | =    | 70.36%  |
| 47) 2-Hexanone-d5              | 8.11    | 63    | 74867    | 70.93    | ug/L | 0.00    |
| Spiked Amount                  | 100.000 | Range | 45 - 130 | Recovery | =    | 70.93%  |
| 57) 1,1,2,2-Tetrachloroethane- | 10.23   | 84    | 130865   | 37.42    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 65 - 120 | Recovery | =    | 74.84%  |
| 64) 1,2-Dichlorobenzene-d4     | 11.65   | 152   | 139613   | 45.88    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 80 - 120 | Recovery | =    | 91.76%  |

| Target Compounds |      |    |       |            | Ovalue |
|------------------|------|----|-------|------------|--------|
| 13) Acetone      | 2.20 | 43 | 12153 | 9.734 ug/L | 96     |

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

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA V\DATA\VV092420\  
Data File : VV018420.D  
Acq On : 24 Sep 2020 11:50  
Operator : SY/MD  
Sample : L4110-01  
Misc : 5.0mL/MSVOA V/WATER  
ALS Vial : 5 Sample Multiplier: 1

Instrument :  
MSVOA\_V  
ClientSampleId :  
C0AK9

Quant Time: Sep 25 05:00:00 2020  
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA\_V\METHOD\SOMVLM090920WMA.M  
Quant Title : VOC Analysis  
QLast Update : Fri Sep 25 04:36:20 2020  
Response via : Initial Calibration

