

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV080820\  
 Data File : VV017866.D  
 Acq On : 08 Aug 2020 20:09  
 Operator : SY/MD  
 Sample : L3608-14  
 Misc : 5.0mL/MSVOA V/WATER  
 ALS Vial : 26 Sample Multiplier: 1

Instrument :  
 MSVOA\_V  
 ClientSampleId :  
 F2M23

Quant Time: Aug 10 05:43:04 2020  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_V\METHOD\SOMVLM080820WMA.M  
 Quant Title : VOC Analysis  
 QLast Update : Mon Aug 10 05:09:16 2020  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Difluorobenzene     | 5.64  | 114  | 234954   | 50.00 | ug/L  | 0.00     |
| 28) Chlorobenzene-d5       | 8.87  | 117  | 220140   | 50.00 | ug/L  | 0.00     |
| 60) 1,4-Dichlorobenzene-d4 | 11.27 | 152  | 113182   | 50.00 | ug/L  | 0.00     |

## System Monitoring Compounds

|                                |         |       |          |          |      |         |
|--------------------------------|---------|-------|----------|----------|------|---------|
| 4) Vinyl Chloride-d3           | 1.31    | 65    | 39131    | 32.25    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 60 - 135 | Recovery | =    | 64.50%  |
| 7) Chloroethane-d5             | 1.58    | 69    | 41131    | 39.90    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 70 - 130 | Recovery | =    | 79.80%  |
| 11) 1,1-Dichloroethene-d2      | 2.12    | 63    | 84495    | 28.98    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 60 - 125 | Recovery | =    | 57.96%# |
| 21) 2-Butanone-d5              | 3.91    | 46    | 81429    | 107.17   | ug/L | 0.00    |
| Spiked Amount                  | 100.000 | Range | 40 - 130 | Recovery | =    | 107.17% |
| 24) Chloroform-d               | 4.37    | 84    | 143843   | 45.21    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 70 - 125 | Recovery | =    | 90.42%  |
| 26) 1,2-Dichloroethane-d4      | 5.05    | 65    | 115092   | 49.79    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 70 - 125 | Recovery | =    | 99.58%  |
| 32) Benzene-d6                 | 5.07    | 84    | 243259   | 47.85    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 70 - 125 | Recovery | =    | 95.70%  |
| 36) 1,2-Dichloropropane-d6     | 6.09    | 67    | 66301    | 51.44    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 70 - 120 | Recovery | =    | 102.88% |
| 41) Toluene-d8                 | 7.34    | 98    | 242758   | 47.51    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 80 - 120 | Recovery | =    | 95.02%  |
| 43) trans-1,3-Dichloropropene- | 7.64    | 79    | 33971    | 40.93    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 60 - 125 | Recovery | =    | 81.86%  |
| 47) 2-Hexanone-d5              | 8.11    | 63    | 53332    | 114.24   | ug/L | 0.00    |
| Spiked Amount                  | 100.000 | Range | 45 - 130 | Recovery | =    | 114.24% |
| 57) 1,1,2,2-Tetrachloroethane- | 10.24   | 84    | 96014    | 47.79    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 65 - 120 | Recovery | =    | 95.58%  |
| 64) 1,2-Dichlorobenzene-d4     | 11.65   | 152   | 118222   | 51.24    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 80 - 120 | Recovery | =    | 102.48% |

| Target Compounds |      |    |      |            | Ovalue |
|------------------|------|----|------|------------|--------|
| 13) Acetone      | 2.20 | 43 | 6358 | 6.430 ug/L | 93     |

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

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