

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV101620\  
 Data File : VV018941.D  
 Acq On : 16 Oct 2020 16:50  
 Operator : SY/MD  
 Sample : L4426-05  
 Misc : 5.0ml/MSVOA V/WATER  
 ALS Vial : 8 Sample Multiplier: 1

Instrument :  
 MSVOA\_V  
 ClientSampleId :  
 BG403

Quant Time: Oct 17 06:31:31 2020  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_V\METHOD\SOMVLM101420WMA.M  
 Quant Title : VOC Analysis  
 QLast Update : Sat Oct 17 05:56:05 2020  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Difluorobenzene     | 5.64  | 114  | 300892   | 50.00 | ug/L  | 0.00     |
| 28) Chlorobenzene-d5       | 8.87  | 117  | 302817   | 50.00 | ug/L  | 0.00     |
| 60) 1,4-Dichlorobenzene-d4 | 11.27 | 152  | 142418   | 50.00 | ug/L  | 0.00     |

## System Monitoring Compounds

|                                |         |       |          |          |      |         |
|--------------------------------|---------|-------|----------|----------|------|---------|
| 4) Vinyl Chloride-d3           | 1.31    | 65    | 112252   | 45.32    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 60 - 135 | Recovery | =    | 90.64%  |
| 7) Chloroethane-d5             | 1.58    | 69    | 93960    | 47.88    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 70 - 130 | Recovery | =    | 95.76%  |
| 11) 1,1-Dichloroethene-d2      | 2.12    | 63    | 173292   | 37.06    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 60 - 125 | Recovery | =    | 74.12%  |
| 21) 2-Butanone-d5              | 3.90    | 46    | 171678   | 99.44    | ug/L | 0.00    |
| Spiked Amount                  | 100.000 | Range | 40 - 130 | Recovery | =    | 99.44%  |
| 24) Chloroform-d               | 4.38    | 84    | 209759   | 47.13    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 70 - 125 | Recovery | =    | 94.26%  |
| 26) 1,2-Dichloroethane-d4      | 5.06    | 65    | 147710   | 50.01    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 70 - 125 | Recovery | =    | 100.02% |
| 32) Benzene-d6                 | 5.07    | 84    | 419134   | 47.41    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 70 - 125 | Recovery | =    | 94.82%  |
| 36) 1,2-Dichloropropane-d6     | 6.09    | 67    | 128170   | 45.35    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 70 - 120 | Recovery | =    | 90.70%  |
| 41) Toluene-d8                 | 7.34    | 98    | 347146   | 43.77    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 80 - 120 | Recovery | =    | 87.54%  |
| 43) trans-1,3-Dichloropropene- | 7.64    | 79    | 59732    | 43.23    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 60 - 125 | Recovery | =    | 86.46%  |
| 47) 2-Hexanone-d5              | 8.11    | 63    | 80369    | 76.54    | ug/L | 0.00    |
| Spiked Amount                  | 100.000 | Range | 45 - 130 | Recovery | =    | 76.54%  |
| 57) 1,1,2,2-Tetrachloroethane- | 10.24   | 84    | 125496   | 37.88    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 65 - 120 | Recovery | =    | 75.76%  |
| 64) 1,2-Dichlorobenzene-d4     | 11.65   | 152   | 141128   | 48.71    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 80 - 120 | Recovery | =    | 97.42%  |

| Target Compounds |      |    |      |            | Ovalue |
|------------------|------|----|------|------------|--------|
| 13) Acetone      | 2.19 | 43 | 4671 | 3.703 ug/L | 90     |

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

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