

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV093020\  
 Data File : VV018564.D  
 Acq On : 30 Sep 2020 13:07  
 Operator : SY/MD  
 Sample : L4149-19  
 Misc : 5.0mL/MSVOA V/WATER  
 ALS Vial : 11 Sample Multiplier: 1

Instrument :  
 MSVOA\_V  
 ClientSampleId :  
 BG3R9

Quant Time: Oct 01 08:20:41 2020  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_V\METHOD\SOMVLM092920WMA.M  
 Quant Title : VOC Analysis  
 QLast Update : Thu Oct 01 07:39:17 2020  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Difluorobenzene     | 5.64  | 114  | 318293   | 50.00 | ug/L  | 0.00     |
| 28) Chlorobenzene-d5       | 8.87  | 117  | 312159   | 50.00 | ug/L  | 0.00     |
| 60) 1,4-Dichlorobenzene-d4 | 11.27 | 152  | 156975   | 50.00 | ug/L  | 0.00     |

## System Monitoring Compounds

|                                |         |       |          |          |      |         |
|--------------------------------|---------|-------|----------|----------|------|---------|
| 4) Vinyl Chloride-d3           | 1.32    | 65    | 80467    | 43.11    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 60 - 135 | Recovery | =    | 86.22%  |
| 7) Chloroethane-d5             | 1.58    | 69    | 80607    | 52.22    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 70 - 130 | Recovery | =    | 104.44% |
| 11) 1,1-Dichloroethene-d2      | 2.12    | 63    | 139765   | 36.75    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 60 - 125 | Recovery | =    | 73.50%  |
| 21) 2-Butanone-d5              | 3.91    | 46    | 134487   | 96.58    | ug/L | 0.00    |
| Spiked Amount                  | 100.000 | Range | 40 - 130 | Recovery | =    | 96.58%  |
| 24) Chloroform-d               | 4.38    | 84    | 188542   | 46.71    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 70 - 125 | Recovery | =    | 93.42%  |
| 26) 1,2-Dichloroethane-d4      | 5.06    | 65    | 127805   | 49.87    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 70 - 125 | Recovery | =    | 99.74%  |
| 32) Benzene-d6                 | 5.08    | 84    | 378871   | 47.92    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 70 - 125 | Recovery | =    | 95.84%  |
| 36) 1,2-Dichloropropane-d6     | 6.09    | 67    | 117991   | 49.39    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 70 - 120 | Recovery | =    | 98.78%  |
| 41) Toluene-d8                 | 7.34    | 98    | 348922   | 46.91    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 80 - 120 | Recovery | =    | 93.82%  |
| 43) trans-1,3-Dichloropropene- | 7.64    | 79    | 59518    | 46.12    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 60 - 125 | Recovery | =    | 92.24%  |
| 47) 2-Hexanone-d5              | 8.11    | 63    | 73413    | 80.90    | ug/L | 0.00    |
| Spiked Amount                  | 100.000 | Range | 45 - 130 | Recovery | =    | 80.90%  |
| 57) 1,1,2,2-Tetrachloroethane- | 10.24   | 84    | 133332   | 42.10    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 65 - 120 | Recovery | =    | 84.20%  |
| 64) 1,2-Dichlorobenzene-d4     | 11.65   | 152   | 155544   | 51.52    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 80 - 120 | Recovery | =    | 103.04% |

| Target Compounds |      |    |       |            | Ovalue |
|------------------|------|----|-------|------------|--------|
| 13) Acetone      | 2.20 | 43 | 11687 | 9.715 ug/L | 66     |

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

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