

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV092920\  
 Data File : VV018524.D  
 Acq On : 29 Sep 2020 18:17  
 Operator : SY/MD  
 Sample : L4171-03ME  
 Misc : 6.17g/5.0mL/100uL/5.0mL/MSVOA\_V/MEOH  
 ALS Vial : 19 Sample Multiplier: 1

Instrument :  
 MSVOA\_V  
 ClientSampleId :  
 BG3Y0ME

Quant Time: Sep 30 04:14:46 2020  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_V\METHOD\SOMVLM092920WMA.M  
 Quant Title : VOC Analysis  
 QLast Update : Wed Sep 30 01:47:57 2020  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Difluorobenzene     | 5.64  | 114  | 443191   | 50.00 | ug/L  | 0.00     |
| 28) Chlorobenzene-d5       | 8.87  | 117  | 438348   | 50.00 | ug/L  | 0.00     |
| 60) 1,4-Dichlorobenzene-d4 | 11.28 | 152  | 231849   | 50.00 | ug/L  | 0.00     |

## System Monitoring Compounds

|                                |         |       |          |          |      |         |
|--------------------------------|---------|-------|----------|----------|------|---------|
| 4) Vinyl Chloride-d3           | 1.31    | 65    | 105279   | 40.50    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 60 - 135 | Recovery | =    | 81.00%  |
| 7) Chloroethane-d5             | 1.58    | 69    | 82214    | 38.25    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 70 - 130 | Recovery | =    | 76.50%  |
| 11) 1,1-Dichloroethene-d2      | 2.10    | 63    | 147089   | 27.77    | ug/L | -0.02   |
| Spiked Amount                  | 50.000  | Range | 60 - 125 | Recovery | =    | 55.54%# |
| 21) 2-Butanone-d5              | 3.94    | 46    | 146152   | 75.38    | ug/L | 0.02    |
| Spiked Amount                  | 100.000 | Range | 40 - 130 | Recovery | =    | 75.38%  |
| 24) Chloroform-d               | 4.37    | 84    | 220616   | 39.25    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 70 - 125 | Recovery | =    | 78.50%  |
| 26) 1,2-Dichloroethane-d4      | 5.05    | 65    | 153649   | 43.06    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 70 - 125 | Recovery | =    | 86.12%  |
| 32) Benzene-d6                 | 5.07    | 84    | 470554   | 42.38    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 70 - 125 | Recovery | =    | 84.76%  |
| 36) 1,2-Dichloropropane-d6     | 6.09    | 67    | 145606   | 43.40    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 70 - 120 | Recovery | =    | 86.80%  |
| 41) Toluene-d8                 | 7.34    | 98    | 447575   | 42.85    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 80 - 120 | Recovery | =    | 85.70%  |
| 43) trans-1,3-Dichloropropene- | 7.65    | 79    | 76330    | 42.12    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 60 - 125 | Recovery | =    | 84.24%  |
| 47) 2-Hexanone-d5              | 8.14    | 63    | 109762   | 86.14    | ug/L | 0.04    |
| Spiked Amount                  | 100.000 | Range | 45 - 130 | Recovery | =    | 86.14%  |
| 57) 1,1,2,2-Tetrachloroethane- | 10.25   | 84    | 180196   | 40.51    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 65 - 120 | Recovery | =    | 81.02%  |
| 64) 1,2-Dichlorobenzene-d4     | 11.65   | 152   | 196012   | 43.96    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 80 - 120 | Recovery | =    | 87.92%  |

| Target Compounds           |       |     |       |             | Ovalue |
|----------------------------|-------|-----|-------|-------------|--------|
| 62) 1,3-Dichlorobenzene    | 11.21 | 146 | 11051 | 1.473 ug/L  | 94     |
| 68) 1,2,4-trichlorobenzene | 13.29 | 180 | 99337 | 20.539 ug/L | 99     |

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

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