

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV101520\  
 Data File : VV018932.D  
 Acq On : 15 Oct 2020 23:44  
 Operator : SY/MD  
 Sample : L4382-11MEDL 200X  
 Misc : 4.39g/5.0mL/100uL/5.0mL/MSVOA\_V/MEOH  
 ALS Vial : 25 Sample Multiplier: 1

Instrument :  
 MSVOA\_V  
 ClientSampleId :  
 BG3X9MEDL

Quant Time: Oct 16 13:00:30 2020  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_V\METHOD\SOMVLM101420WMA.M  
 Quant Title : VOC Analysis  
 QLast Update : Fri Oct 16 08:38:45 2020  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Difluorobenzene     | 5.64  | 114  | 299080   | 50.00 | ug/L  | 0.00     |
| 28) Chlorobenzene-d5       | 8.87  | 117  | 295843   | 50.00 | ug/L  | 0.00     |
| 60) 1,4-Dichlorobenzene-d4 | 11.27 | 152  | 139077   | 50.00 | ug/L  | 0.00     |

## System Monitoring Compounds

|                                |         |       |          |          |      |         |
|--------------------------------|---------|-------|----------|----------|------|---------|
| 4) Vinyl Chloride-d3           | 1.32    | 65    | 121117   | 49.20    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 60 - 135 | Recovery | =    | 98.40%  |
| 7) Chloroethane-d5             | 1.58    | 69    | 101224   | 51.90    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 70 - 130 | Recovery | =    | 103.80% |
| 11) 1,1-Dichloroethene-d2      | 2.12    | 63    | 180082   | 38.75    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 60 - 125 | Recovery | =    | 77.50%  |
| 21) 2-Butanone-d5              | 3.92    | 46    | 159349   | 92.86    | ug/L | 0.00    |
| Spiked Amount                  | 100.000 | Range | 40 - 130 | Recovery | =    | 92.86%  |
| 24) Chloroform-d               | 4.38    | 84    | 206946   | 46.78    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 70 - 125 | Recovery | =    | 93.56%  |
| 26) 1,2-Dichloroethane-d4      | 5.05    | 65    | 147766   | 50.33    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 70 - 125 | Recovery | =    | 100.66% |
| 32) Benzene-d6                 | 5.07    | 84    | 412551   | 47.77    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 70 - 125 | Recovery | =    | 95.54%  |
| 36) 1,2-Dichloropropane-d6     | 6.09    | 67    | 135110   | 48.93    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 70 - 120 | Recovery | =    | 97.86%  |
| 41) Toluene-d8                 | 7.34    | 98    | 364996   | 47.11    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 80 - 120 | Recovery | =    | 94.22%  |
| 43) trans-1,3-Dichloropropene- | 7.64    | 79    | 62630    | 46.40    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 60 - 125 | Recovery | =    | 92.80%  |
| 47) 2-Hexanone-d5              | 8.11    | 63    | 91424    | 89.12    | ug/L | 0.00    |
| Spiked Amount                  | 100.000 | Range | 45 - 130 | Recovery | =    | 89.12%  |
| 57) 1,1,2,2-Tetrachloroethane- | 10.24   | 84    | 137219   | 42.40    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 65 - 120 | Recovery | =    | 84.80%  |
| 64) 1,2-Dichlorobenzene-d4     | 11.65   | 152   | 146213   | 51.67    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 80 - 120 | Recovery | =    | 103.34% |

| Target Compounds      |      |     |        |              | Ovalue |
|-----------------------|------|-----|--------|--------------|--------|
| 46) Tetrachloroethene | 8.00 | 164 | 261441 | 141.849 ug/L | 99     |

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

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