

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV103020\  
 Data File : VV019180.D  
 Acq On : 30 Oct 2020 13:29  
 Operator : SY/MD  
 Sample : L4502-20ME 2X  
 Misc : 6.07g/5.0mL/100uL/5.0mL/MSVOA\_V/MEOH  
 ALS Vial : 1 Sample Multiplier: 1

Instrument :  
 MSVOA\_V  
 ClientSampleId :

Quant Time: Oct 31 03:34:50 2020  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_V\METHOD\SOMVLM102920WMA.M  
 Quant Title : VOC Analysis  
 QLast Update : Sat Oct 31 02:55:48 2020  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Difluorobenzene     | 5.64  | 114  | 291878   | 50.00 | ug/L  | 0.00     |
| 28) Chlorobenzene-d5       | 8.87  | 117  | 287279   | 50.00 | ug/L  | 0.00     |
| 60) 1,4-Dichlorobenzene-d4 | 11.27 | 152  | 155628   | 50.00 | ug/L  | 0.00     |

## System Monitoring Compounds

|                                |         |       |          |          |      |          |
|--------------------------------|---------|-------|----------|----------|------|----------|
| 4) Vinyl Chloride-d3           | 1.32    | 65    | 138309   | 59.63    | ug/L | 0.00     |
| Spiked Amount                  | 50.000  | Range | 60 - 135 | Recovery | =    | 119.26%  |
| 7) Chloroethane-d5             | 1.58    | 69    | 112032   | 62.17    | ug/L | 0.00     |
| Spiked Amount                  | 50.000  | Range | 70 - 130 | Recovery | =    | 124.34%  |
| 11) 1,1-Dichloroethene-d2      | 2.11    | 63    | 217765   | 49.35    | ug/L | -0.01    |
| Spiked Amount                  | 50.000  | Range | 60 - 125 | Recovery | =    | 98.70%   |
| 21) 2-Butanone-d5              | 3.91    | 46    | 183149   | 128.92   | ug/L | 0.00     |
| Spiked Amount                  | 100.000 | Range | 40 - 130 | Recovery | =    | 128.92%  |
| 24) Chloroform-d               | 4.37    | 84    | 278965   | 64.65    | ug/L | 0.00     |
| Spiked Amount                  | 50.000  | Range | 70 - 125 | Recovery | =    | 129.30%# |
| 26) 1,2-Dichloroethane-d4      | 5.05    | 65    | 201423   | 66.99    | ug/L | 0.00     |
| Spiked Amount                  | 50.000  | Range | 70 - 125 | Recovery | =    | 133.98%# |
| 32) Benzene-d6                 | 5.07    | 84    | 534277   | 65.56    | ug/L | 0.00     |
| Spiked Amount                  | 50.000  | Range | 70 - 125 | Recovery | =    | 131.12%# |
| 36) 1,2-Dichloropropane-d6     | 6.09    | 67    | 163775   | 67.40    | ug/L | 0.00     |
| Spiked Amount                  | 50.000  | Range | 70 - 120 | Recovery | =    | 134.80%# |
| 41) Toluene-d8                 | 7.33    | 98    | 507460   | 64.82    | ug/L | 0.00     |
| Spiked Amount                  | 50.000  | Range | 80 - 120 | Recovery | =    | 129.64%# |
| 43) trans-1,3-Dichloropropene- | 7.64    | 79    | 92776    | 65.98    | ug/L | 0.00     |
| Spiked Amount                  | 50.000  | Range | 60 - 125 | Recovery | =    | 131.96%# |
| 47) 2-Hexanone-d5              | 8.11    | 63    | 142763   | 135.67   | ug/L | 0.00     |
| Spiked Amount                  | 100.000 | Range | 45 - 130 | Recovery | =    | 135.67%# |
| 57) 1,1,2,2-Tetrachloroethane- | 10.24   | 84    | 214216   | 65.39    | ug/L | 0.00     |
| Spiked Amount                  | 50.000  | Range | 65 - 120 | Recovery | =    | 130.78%# |
| 64) 1,2-Dichlorobenzene-d4     | 11.65   | 152   | 226872   | 69.39    | ug/L | 0.00     |
| Spiked Amount                  | 50.000  | Range | 80 - 120 | Recovery | =    | 138.78%# |

| Target Compounds      |      |     |       |        | Ovalue |
|-----------------------|------|-----|-------|--------|--------|
| 34) Trichloroethene   | 5.94 | 95  | 2055m | 0.906  | ug/L   |
| 42) Toluene           | 7.41 | 91  | 7161  | 0.789  | ug/L   |
| 46) Tetrachloroethene | 7.99 | 164 | 91029 | 46.981 | ug/L   |

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

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