

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV040220\  
 Data File : VV015389.D  
 Acq On : 02 Apr 2020 22:29  
 Operator : SY/MD  
 Sample : L2005-10  
 Misc : 5.0mL/MSVOA V/WATER  
 ALS Vial : 1 Sample Multiplier: 1

Instrument :  
 MSVOA\_V  
 ClientSampleId :

Quant Time: Apr 03 06:10:54 2020  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_V\METHOD\SOMVLM040120WMA.M  
 Quant Title : VOC Analysis  
 QLast Update : Fri Apr 03 05:25:49 2020  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Difluorobenzene     | 5.64  | 114  | 701638   | 50.00 | ug/L  | 0.00     |
| 28) Chlorobenzene-d5       | 8.87  | 117  | 661947   | 50.00 | ug/L  | 0.00     |
| 60) 1,4-Dichlorobenzene-d4 | 11.27 | 152  | 298849   | 50.00 | ug/L  | 0.00     |

## System Monitoring Compounds

|                                |         |       |          |          |      |        |
|--------------------------------|---------|-------|----------|----------|------|--------|
| 4) Vinyl Chloride-d3           | 1.32    | 65    | 227011   | 36.08    | ug/L | 0.00   |
| Spiked Amount                  | 50.000  | Range | 60 - 135 | Recovery | =    | 72.16% |
| 7) Chloroethane-d5             | 1.58    | 69    | 205445   | 38.23    | ug/L | 0.00   |
| Spiked Amount                  | 50.000  | Range | 70 - 130 | Recovery | =    | 76.46% |
| 11) 1,1-Dichloroethene-d2      | 2.12    | 63    | 347371m  | 30.89    | ug/L | 0.00   |
| Spiked Amount                  | 50.000  | Range | 60 - 125 | Recovery | =    | 61.78% |
| 21) 2-Butanone-d5              | 3.94    | 46    | 297149   | 88.86    | ug/L | 0.00   |
| Spiked Amount                  | 100.000 | Range | 40 - 130 | Recovery | =    | 88.86% |
| 24) Chloroform-d               | 4.38    | 84    | 407967   | 39.28    | ug/L | 0.00   |
| Spiked Amount                  | 50.000  | Range | 70 - 125 | Recovery | =    | 78.56% |
| 26) 1,2-Dichloroethane-d4      | 5.06    | 65    | 270199   | 41.76    | ug/L | 0.00   |
| Spiked Amount                  | 50.000  | Range | 70 - 125 | Recovery | =    | 83.52% |
| 32) Benzene-d6                 | 5.08    | 84    | 840003   | 41.21    | ug/L | 0.00   |
| Spiked Amount                  | 50.000  | Range | 70 - 125 | Recovery | =    | 82.42% |
| 36) 1,2-Dichloropropane-d6     | 6.09    | 67    | 251573   | 41.86    | ug/L | 0.00   |
| Spiked Amount                  | 50.000  | Range | 70 - 120 | Recovery | =    | 83.72% |
| 41) Toluene-d8                 | 7.34    | 98    | 794124   | 40.74    | ug/L | 0.00   |
| Spiked Amount                  | 50.000  | Range | 80 - 120 | Recovery | =    | 81.48% |
| 43) trans-1,3-Dichloropropene- | 7.64    | 79    | 124013   | 37.34    | ug/L | 0.00   |
| Spiked Amount                  | 50.000  | Range | 60 - 125 | Recovery | =    | 74.68% |
| 47) 2-Hexanone-d5              | 8.12    | 63    | 223764   | 81.52    | ug/L | 0.00   |
| Spiked Amount                  | 100.000 | Range | 45 - 130 | Recovery | =    | 81.52% |
| 57) 1,1,2,2-Tetrachloroethane- | 10.24   | 84    | 363306   | 42.48    | ug/L | 0.00   |
| Spiked Amount                  | 50.000  | Range | 65 - 120 | Recovery | =    | 84.96% |
| 64) 1,2-Dichlorobenzene-d4     | 11.65   | 152   | 289817   | 42.63    | ug/L | 0.00   |
| Spiked Amount                  | 50.000  | Range | 80 - 120 | Recovery | =    | 85.26% |

| Target Compounds |      |    |       |            | Ovalue |
|------------------|------|----|-------|------------|--------|
| 25) Chloroform   | 4.40 | 83 | 11743 | 1.242 ug/L | 82     |

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

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