

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV033020\  
 Data File : VV015299.D  
 Acq On : 31 Mar 2020 03:00  
 Operator : SY/MD  
 Sample : L1975-16 200X  
 Misc : 5.0mL/MSVOA V/WATER  
 ALS Vial : 1 Sample Multiplier: 1

Instrument :  
 MSVOA\_V  
 ClientSampleId :  
 ETTJ7

Quant Time: Mar 31 06:52:15 2020  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_V\METHOD\SOMVLM033020WMA.M  
 Quant Title : VOC Analysis  
 QLast Update : Tue Mar 31 06:20:52 2020  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Difluorobenzene     | 5.64  | 114  | 581286   | 50.00 | ug/L  | 0.00     |
| 28) Chlorobenzene-d5       | 8.87  | 117  | 563303   | 50.00 | ug/L  | 0.00     |
| 60) 1,4-Dichlorobenzene-d4 | 11.27 | 152  | 241874   | 50.00 | ug/L  | 0.00     |

## System Monitoring Compounds

|                                |         |       |          |          |      |         |
|--------------------------------|---------|-------|----------|----------|------|---------|
| 4) Vinyl Chloride-d3           | 1.32    | 65    | 197375   | 46.57    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 60 - 135 | Recovery | =    | 93.14%  |
| 7) Chloroethane-d5             | 1.58    | 69    | 188698   | 47.84    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 70 - 130 | Recovery | =    | 95.68%  |
| 11) 1,1-Dichloroethene-d2      | 2.12    | 63    | 313561   | 34.31    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 60 - 125 | Recovery | =    | 68.62%  |
| 21) 2-Butanone-d5              | 3.93    | 46    | 268782   | 96.97    | ug/L | 0.00    |
| Spiked Amount                  | 100.000 | Range | 40 - 130 | Recovery | =    | 96.97%  |
| 24) Chloroform-d               | 4.38    | 84    | 362782   | 47.61    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 70 - 125 | Recovery | =    | 95.22%  |
| 26) 1,2-Dichloroethane-d4      | 5.06    | 65    | 254398   | 51.08    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 70 - 125 | Recovery | =    | 102.16% |
| 32) Benzene-d6                 | 5.08    | 84    | 732693   | 49.83    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 70 - 125 | Recovery | =    | 99.66%  |
| 36) 1,2-Dichloropropane-d6     | 6.10    | 67    | 231848   | 50.42    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 70 - 120 | Recovery | =    | 100.84% |
| 41) Toluene-d8                 | 7.34    | 98    | 701145   | 49.29    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 80 - 120 | Recovery | =    | 98.58%  |
| 43) trans-1,3-Dichloropropene- | 7.64    | 79    | 116714   | 46.61    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 60 - 125 | Recovery | =    | 93.22%  |
| 47) 2-Hexanone-d5              | 8.12    | 63    | 223993   | 103.83   | ug/L | 0.00    |
| Spiked Amount                  | 100.000 | Range | 45 - 130 | Recovery | =    | 103.83% |
| 57) 1,1,2,2-Tetrachloroethane- | 10.24   | 84    | 328416   | 48.39    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 65 - 120 | Recovery | =    | 96.78%  |
| 64) 1,2-Dichlorobenzene-d4     | 11.65   | 152   | 242331   | 50.34    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 80 - 120 | Recovery | =    | 100.68% |

## Target Compounds

|                            |      |    |        |         | Ovalue    |
|----------------------------|------|----|--------|---------|-----------|
| 5) Vinyl chloride          | 1.32 | 62 | 81980  | 16.733  | ug/L 95   |
| 20) cis-1,2-Dichloroethene | 3.94 | 96 | 252335 | 62.308  | ug/L # 98 |
| 25) Chloroform             | 4.41 | 83 | 6556   | 0.914   | ug/L 83   |
| 34) Trichloroethene        | 5.94 | 95 | 493220 | 123.291 | ug/L 98   |

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

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