

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV060420\  
 Data File : VV016510.D  
 Acq On : 04 Jun 2020 15:18  
 Operator : SY/MD  
 Sample : L2849-04  
 Misc : 5.0mL/MSVOA V/WATER  
 ALS Vial : 14 Sample Multiplier: 1

Instrument :  
 MSVOA\_V  
 ClientSampleId :  
 ETTQ0

Quant Time: Jun 05 03:49:56 2020  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_V\METHOD\SOMVLM060320WMA.M  
 Quant Title : VOC Analysis  
 QLast Update : Fri Jun 05 01:52:01 2020  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Difluorobenzene     | 5.64  | 114  | 350856   | 50.00 | ug/L  | 0.00     |
| 28) Chlorobenzene-d5       | 8.87  | 117  | 330871   | 50.00 | ug/L  | 0.00     |
| 60) 1,4-Dichlorobenzene-d4 | 11.27 | 152  | 155492   | 50.00 | ug/L  | 0.00     |

## System Monitoring Compounds

|                                |         |       |          |          |      |         |
|--------------------------------|---------|-------|----------|----------|------|---------|
| 4) Vinyl Chloride-d3           | 1.32    | 65    | 94861    | 38.17    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 60 - 135 | Recovery | =    | 76.34%  |
| 7) Chloroethane-d5             | 1.57    | 69    | 74672    | 41.62    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 70 - 130 | Recovery | =    | 83.24%  |
| 11) 1,1-Dichloroethene-d2      | 2.12    | 63    | 140015   | 31.78    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 60 - 125 | Recovery | =    | 63.56%  |
| 21) 2-Butanone-d5              | 3.90    | 46    | 173413   | 109.13   | ug/L | 0.00    |
| Spiked Amount                  | 100.000 | Range | 40 - 130 | Recovery | =    | 109.13% |
| 24) Chloroform-d               | 4.38    | 84    | 218869   | 46.93    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 70 - 125 | Recovery | =    | 93.86%  |
| 26) 1,2-Dichloroethane-d4      | 5.06    | 65    | 150063   | 48.05    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 70 - 125 | Recovery | =    | 96.10%  |
| 32) Benzene-d6                 | 5.07    | 84    | 430356   | 48.56    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 70 - 125 | Recovery | =    | 97.12%  |
| 36) 1,2-Dichloropropane-d6     | 6.09    | 67    | 135140   | 48.93    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 70 - 120 | Recovery | =    | 97.86%  |
| 41) Toluene-d8                 | 7.34    | 98    | 385489   | 47.89    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 80 - 120 | Recovery | =    | 95.78%  |
| 43) trans-1,3-Dichloropropene- | 7.64    | 79    | 60188    | 44.72    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 60 - 125 | Recovery | =    | 89.44%  |
| 47) 2-Hexanone-d5              | 8.11    | 63    | 131387   | 111.09   | ug/L | 0.00    |
| Spiked Amount                  | 100.000 | Range | 45 - 130 | Recovery | =    | 111.09% |
| 57) 1,1,2,2-Tetrachloroethane- | 10.24   | 84    | 182921   | 48.84    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 65 - 120 | Recovery | =    | 97.68%  |
| 64) 1,2-Dichlorobenzene-d4     | 11.65   | 152   | 155440   | 53.20    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 80 - 120 | Recovery | =    | 106.40% |

| Target Compounds  |      |    |       |            | Ovalue |
|-------------------|------|----|-------|------------|--------|
| 5) Vinyl chloride | 1.32 | 62 | 18905 | 7.015 ug/L | 92     |

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

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