

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV071720\  
 Data File : VV017524.D  
 Acq On : 17 Jul 2020 14:44  
 Operator : SY/MD  
 Sample : L3314-06  
 Misc : 5.0mL/MSVOA V/WATER  
 ALS Vial : 14 Sample Multiplier: 1

Instrument :  
 MSVOA\_V  
 ClientSampleId :  
 F4C31

Quant Time: Jul 18 05:49:31 2020  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_V\METHOD\SOMVLM070820WMA.M  
 Quant Title : VOC Analysis  
 QLast Update : Sat Jul 18 05:06:25 2020  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Difluorobenzene     | 5.64  | 114  | 295454   | 50.00 | ug/L  | 0.00     |
| 28) Chlorobenzene-d5       | 8.87  | 117  | 275271   | 50.00 | ug/L  | 0.00     |
| 60) 1,4-Dichlorobenzene-d4 | 11.27 | 152  | 146438   | 50.00 | ug/L  | 0.00     |

## System Monitoring Compounds

|                                |         |       |          |          |      |         |
|--------------------------------|---------|-------|----------|----------|------|---------|
| 4) Vinyl Chloride-d3           | 1.32    | 65    | 71227    | 46.31    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 60 - 135 | Recovery | =    | 92.62%  |
| 7) Chloroethane-d5             | 1.58    | 69    | 66829    | 61.85    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 70 - 130 | Recovery | =    | 123.70% |
| 11) 1,1-Dichloroethene-d2      | 2.12    | 63    | 137686   | 39.53    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 60 - 125 | Recovery | =    | 79.06%  |
| 21) 2-Butanone-d5              | 3.91    | 46    | 95796    | 91.18    | ug/L | 0.00    |
| Spiked Amount                  | 100.000 | Range | 40 - 130 | Recovery | =    | 91.18%  |
| 24) Chloroform-d               | 4.38    | 84    | 155669   | 43.75    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 70 - 125 | Recovery | =    | 87.50%  |
| 26) 1,2-Dichloroethane-d4      | 5.06    | 65    | 115509   | 47.30    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 70 - 125 | Recovery | =    | 94.60%  |
| 32) Benzene-d6                 | 5.08    | 84    | 273361   | 45.97    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 70 - 125 | Recovery | =    | 91.94%  |
| 36) 1,2-Dichloropropane-d6     | 6.09    | 67    | 87516    | 51.11    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 70 - 120 | Recovery | =    | 102.22% |
| 41) Toluene-d8                 | 7.34    | 98    | 285418   | 49.93    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 80 - 120 | Recovery | =    | 99.86%  |
| 43) trans-1,3-Dichloropropene- | 7.64    | 79    | 47721    | 47.88    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 60 - 125 | Recovery | =    | 95.76%  |
| 47) 2-Hexanone-d5              | 8.11    | 63    | 72793    | 103.58   | ug/L | 0.00    |
| Spiked Amount                  | 100.000 | Range | 45 - 130 | Recovery | =    | 103.58% |
| 57) 1,1,2,2-Tetrachloroethane- | 10.24   | 84    | 128649   | 53.51    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 65 - 120 | Recovery | =    | 107.02% |
| 64) 1,2-Dichlorobenzene-d4     | 11.65   | 152   | 121112   | 49.46    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 80 - 120 | Recovery | =    | 98.92%  |

| Target Compounds      |      |     |        |             | Ovalue |
|-----------------------|------|-----|--------|-------------|--------|
| 34) Trichloroethene   | 5.94 | 95  | 201238 | 93.151 ug/L | 96     |
| 46) Tetrachloroethene | 8.00 | 164 | 17217  | 9.491 ug/L  | 98     |

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

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