

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV060320\  
 Data File : VV016475.D  
 Acq On : 03 Jun 2020 23:18  
 Operator : SY/MD  
 Sample : L2869-03  
 Misc : 5.0mL/MSVOA V/WATER  
 ALS Vial : 54 Sample Multiplier: 1

Instrument :  
 MSVOA\_V  
 ClientSampleId :  
 DBFG5

Quant Time: Jun 04 05:55:08 2020  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_V\METHOD\SOMVLM060320WMA.M  
 Quant Title : VOC Analysis  
 QLast Update : Thu Jun 04 05:34:42 2020  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Difluorobenzene     | 5.64  | 114  | 353917   | 50.00 | ug/L  | 0.00     |
| 28) Chlorobenzene-d5       | 8.87  | 117  | 332979   | 50.00 | ug/L  | 0.00     |
| 60) 1,4-Dichlorobenzene-d4 | 11.27 | 152  | 155613   | 50.00 | ug/L  | 0.00     |

## System Monitoring Compounds

|                                |         |       |          |          |      |         |
|--------------------------------|---------|-------|----------|----------|------|---------|
| 4) Vinyl Chloride-d3           | 1.32    | 65    | 103282   | 41.20    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 60 - 135 | Recovery | =    | 82.40%  |
| 7) Chloroethane-d5             | 1.57    | 69    | 79554    | 43.96    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 70 - 130 | Recovery | =    | 87.92%  |
| 11) 1,1-Dichloroethene-d2      | 2.12    | 63    | 147365   | 33.16    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 60 - 125 | Recovery | =    | 66.32%  |
| 21) 2-Butanone-d5              | 3.90    | 46    | 166764   | 104.04   | ug/L | 0.00    |
| Spiked Amount                  | 100.000 | Range | 40 - 130 | Recovery | =    | 104.04% |
| 24) Chloroform-d               | 4.38    | 84    | 220304   | 46.83    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 70 - 125 | Recovery | =    | 93.66%  |
| 26) 1,2-Dichloroethane-d4      | 5.06    | 65    | 154923   | 49.18    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 70 - 125 | Recovery | =    | 98.36%  |
| 32) Benzene-d6                 | 5.07    | 84    | 443403   | 49.71    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 70 - 125 | Recovery | =    | 99.42%  |
| 36) 1,2-Dichloropropane-d6     | 6.09    | 67    | 139637   | 50.24    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 70 - 120 | Recovery | =    | 100.48% |
| 41) Toluene-d8                 | 7.34    | 98    | 394771   | 48.73    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 80 - 120 | Recovery | =    | 97.46%  |
| 43) trans-1,3-Dichloropropene- | 7.64    | 79    | 61661    | 45.53    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 60 - 125 | Recovery | =    | 91.06%  |
| 47) 2-Hexanone-d5              | 8.11    | 63    | 129559   | 108.85   | ug/L | 0.00    |
| Spiked Amount                  | 100.000 | Range | 45 - 130 | Recovery | =    | 108.85% |
| 57) 1,1,2,2-Tetrachloroethane- | 10.24   | 84    | 182727   | 48.48    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 65 - 120 | Recovery | =    | 96.96%  |
| 64) 1,2-Dichlorobenzene-d4     | 11.65   | 152   | 159281   | 54.47    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 80 - 120 | Recovery | =    | 108.94% |

## Target Compounds

|                       |      |     |        |              | Ovalue |
|-----------------------|------|-----|--------|--------------|--------|
| 13) Acetone           | 2.17 | 43  | 3919   | 2.616 ug/L   | 87     |
| 34) Trichloroethene   | 5.94 | 95  | 992510 | 386.252 ug/L | 97     |
| 46) Tetrachloroethene | 7.99 | 164 | 2286   | 1.154 ug/L   | 87     |

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

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