

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV061820\  
 Data File : VV016988.D  
 Acq On : 18 Jun 2020 19:24  
 Operator : SY/MD  
 Sample : L3039-07  
 Misc : 5.0mL/MSVOA V/WATER  
 ALS Vial : 26 Sample Multiplier: 1

Instrument :  
 MSVOA\_V  
 ClientSampleId :  
 F9M13

Quant Time: Jun 19 07:14:34 2020  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_V\METHOD\SOMVLM060820WMA.M  
 Quant Title : VOC Analysis  
 QLast Update : Fri Jun 19 04:33:43 2020  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Difluorobenzene     | 5.64  | 114  | 345044   | 50.00 | ug/L  | 0.00     |
| 28) Chlorobenzene-d5       | 8.87  | 117  | 323670   | 50.00 | ug/L  | 0.00     |
| 60) 1,4-Dichlorobenzene-d4 | 11.27 | 152  | 153369   | 50.00 | ug/L  | 0.00     |

## System Monitoring Compounds

|                                |         |       |          |          |      |         |
|--------------------------------|---------|-------|----------|----------|------|---------|
| 4) Vinyl Chloride-d3           | 1.32    | 65    | 82642    | 33.94    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 60 - 135 | Recovery | =    | 67.88%  |
| 7) Chloroethane-d5             | 1.58    | 69    | 61319    | 41.97    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 70 - 130 | Recovery | =    | 83.94%  |
| 11) 1,1-Dichloroethene-d2      | 2.12    | 63    | 133639   | 32.69    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 60 - 125 | Recovery | =    | 65.38%  |
| 21) 2-Butanone-d5              | 3.91    | 46    | 163021   | 90.47    | ug/L | 0.00    |
| Spiked Amount                  | 100.000 | Range | 40 - 130 | Recovery | =    | 90.47%  |
| 24) Chloroform-d               | 4.38    | 84    | 221619   | 44.77    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 70 - 125 | Recovery | =    | 89.54%  |
| 26) 1,2-Dichloroethane-d4      | 5.06    | 65    | 162253   | 48.18    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 70 - 125 | Recovery | =    | 96.36%  |
| 32) Benzene-d6                 | 5.07    | 84    | 427892   | 45.86    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 70 - 125 | Recovery | =    | 91.72%  |
| 36) 1,2-Dichloropropane-d6     | 6.09    | 67    | 134082   | 46.10    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 70 - 120 | Recovery | =    | 92.20%  |
| 41) Toluene-d8                 | 7.34    | 98    | 392493   | 45.84    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 80 - 120 | Recovery | =    | 91.68%  |
| 43) trans-1,3-Dichloropropene- | 7.64    | 79    | 67342    | 44.46    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 60 - 125 | Recovery | =    | 88.92%  |
| 47) 2-Hexanone-d5              | 8.11    | 63    | 98559    | 77.73    | ug/L | 0.00    |
| Spiked Amount                  | 100.000 | Range | 45 - 130 | Recovery | =    | 77.73%  |
| 57) 1,1,2,2-Tetrachloroethane- | 10.24   | 84    | 170148   | 44.19    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 65 - 120 | Recovery | =    | 88.38%  |
| 64) 1,2-Dichlorobenzene-d4     | 11.65   | 152   | 164366   | 50.22    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 80 - 120 | Recovery | =    | 100.44% |

| Target Compounds           |      |     |       |             | Ovalue |
|----------------------------|------|-----|-------|-------------|--------|
| 20) cis-1,2-Dichloroethene | 3.94 | 96  | 13151 | 5.166 ug/L  | 99     |
| 34) Trichloroethene        | 5.94 | 95  | 6962  | 2.711 ug/L  | 92     |
| 46) Tetrachloroethene      | 8.00 | 164 | 71887 | 35.588 ug/L | 98     |

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

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