

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV062920\  
 Data File : VV017234.D  
 Acq On : 29 Jun 2020 12:33  
 Operator : SY/MD  
 Sample : L3133-13  
 Misc : 5.0mL/MSVOA V/WATER  
 ALS Vial : 10 Sample Multiplier: 1

Instrument :  
 MSVOA\_V  
 ClientSampleId :

Quant Time: Jun 30 08:16:01 2020  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_V\METHOD\SOMVLM060820WMA.M  
 Quant Title : VOC Analysis  
 QLast Update : Tue Jun 30 07:40:27 2020  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Difluorobenzene     | 5.64  | 114  | 356367   | 50.00 | ug/L  | 0.00     |
| 28) Chlorobenzene-d5       | 8.87  | 117  | 331916   | 50.00 | ug/L  | 0.00     |
| 60) 1,4-Dichlorobenzene-d4 | 11.27 | 152  | 159546   | 50.00 | ug/L  | 0.00     |

## System Monitoring Compounds

|                                |         |       |          |          |      |        |
|--------------------------------|---------|-------|----------|----------|------|--------|
| 4) Vinyl Chloride-d3           | 1.32    | 65    | 95233    | 37.87    | ug/L | 0.00   |
| Spiked Amount                  | 50.000  | Range | 60 - 135 | Recovery | =    | 75.74% |
| 7) Chloroethane-d5             | 1.58    | 69    | 73124    | 48.46    | ug/L | 0.00   |
| Spiked Amount                  | 50.000  | Range | 70 - 130 | Recovery | =    | 96.92% |
| 11) 1,1-Dichloroethene-d2      | 2.12    | 63    | 157065m  | 37.20    | ug/L | 0.00   |
| Spiked Amount                  | 50.000  | Range | 60 - 125 | Recovery | =    | 74.40% |
| 21) 2-Butanone-d5              | 3.91    | 46    | 165525   | 88.94    | ug/L | 0.00   |
| Spiked Amount                  | 100.000 | Range | 40 - 130 | Recovery | =    | 88.94% |
| 24) Chloroform-d               | 4.38    | 84    | 239796   | 46.90    | ug/L | 0.00   |
| Spiked Amount                  | 50.000  | Range | 70 - 125 | Recovery | =    | 93.80% |
| 26) 1,2-Dichloroethane-d4      | 5.06    | 65    | 172886   | 49.71    | ug/L | 0.00   |
| Spiked Amount                  | 50.000  | Range | 70 - 125 | Recovery | =    | 99.42% |
| 32) Benzene-d6                 | 5.08    | 84    | 441318   | 46.12    | ug/L | 0.00   |
| Spiked Amount                  | 50.000  | Range | 70 - 125 | Recovery | =    | 92.24% |
| 36) 1,2-Dichloropropane-d6     | 6.09    | 67    | 131356   | 44.04    | ug/L | 0.00   |
| Spiked Amount                  | 50.000  | Range | 70 - 120 | Recovery | =    | 88.08% |
| 41) Toluene-d8                 | 7.34    | 98    | 410043   | 46.70    | ug/L | 0.00   |
| Spiked Amount                  | 50.000  | Range | 80 - 120 | Recovery | =    | 93.40% |
| 43) trans-1,3-Dichloropropene- | 7.64    | 79    | 69783    | 44.92    | ug/L | 0.00   |
| Spiked Amount                  | 50.000  | Range | 60 - 125 | Recovery | =    | 89.84% |
| 47) 2-Hexanone-d5              | 8.11    | 63    | 105937   | 81.47    | ug/L | 0.00   |
| Spiked Amount                  | 100.000 | Range | 45 - 130 | Recovery | =    | 81.47% |
| 57) 1,1,2,2-Tetrachloroethane- | 10.24   | 84    | 177576   | 44.98    | ug/L | 0.00   |
| Spiked Amount                  | 50.000  | Range | 65 - 120 | Recovery | =    | 89.96% |
| 64) 1,2-Dichlorobenzene-d4     | 11.65   | 152   | 170182   | 49.98    | ug/L | 0.00   |
| Spiked Amount                  | 50.000  | Range | 80 - 120 | Recovery | =    | 99.96% |

| Target Compounds | Ovalue |
|------------------|--------|
| -----            |        |

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

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