

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV121220\  
 Data File : VV019554.D  
 Acq On : 12 Dec 2020 14:28  
 Operator : SY/MD  
 Sample : L5056-01 50X  
 Misc : 5.0mL/MSVOA V/WATER  
 ALS Vial : 1 Sample Multiplier: 1

Instrument :  
 MSVOA\_V  
 ClientSampleId :  
 BG4M7

Quant Time: Dec 13 05:51:30 2020  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_V\METHOD\SOMVLM121020WMA.M  
 Quant Title : VOC Analysis  
 QLast Update : Sun Dec 13 04:37:51 2020  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Difluorobenzene     | 5.62  | 114  | 648186   | 50.00 | ug/L  | 0.00     |
| 28) Chlorobenzene-d5       | 8.86  | 117  | 595555   | 50.00 | ug/L  | 0.00     |
| 60) 1,4-Dichlorobenzene-d4 | 11.25 | 152  | 277334   | 50.00 | ug/L  | 0.00     |

## System Monitoring Compounds

|                                |         |       |          |          |      |        |
|--------------------------------|---------|-------|----------|----------|------|--------|
| 4) Vinyl Chloride-d3           | 1.31    | 65    | 168862   | 36.33    | ug/L | 0.00   |
| Spiked Amount                  | 50.000  | Range | 60 - 135 | Recovery | =    | 72.66% |
| 7) Chloroethane-d5             | 1.57    | 69    | 151194   | 41.24    | ug/L | 0.00   |
| Spiked Amount                  | 50.000  | Range | 70 - 130 | Recovery | =    | 82.48% |
| 11) 1,1-Dichloroethene-d2      | 2.11    | 63    | 268950   | 31.18    | ug/L | 0.00   |
| Spiked Amount                  | 50.000  | Range | 60 - 125 | Recovery | =    | 62.36% |
| 21) 2-Butanone-d5              | 3.89    | 46    | 242538   | 96.00    | ug/L | 0.00   |
| Spiked Amount                  | 100.000 | Range | 40 - 130 | Recovery | =    | 96.00% |
| 24) Chloroform-d               | 4.35    | 84    | 359542   | 42.92    | ug/L | 0.00   |
| Spiked Amount                  | 50.000  | Range | 70 - 125 | Recovery | =    | 85.84% |
| 26) 1,2-Dichloroethane-d4      | 5.04    | 65    | 252956   | 46.21    | ug/L | 0.00   |
| Spiked Amount                  | 50.000  | Range | 70 - 125 | Recovery | =    | 92.42% |
| 32) Benzene-d6                 | 5.05    | 84    | 706184   | 44.46    | ug/L | 0.00   |
| Spiked Amount                  | 50.000  | Range | 70 - 125 | Recovery | =    | 88.92% |
| 36) 1,2-Dichloropropane-d6     | 6.07    | 67    | 227622   | 45.75    | ug/L | 0.00   |
| Spiked Amount                  | 50.000  | Range | 70 - 120 | Recovery | =    | 91.50% |
| 41) Toluene-d8                 | 7.32    | 98    | 628737   | 43.96    | ug/L | 0.00   |
| Spiked Amount                  | 50.000  | Range | 80 - 120 | Recovery | =    | 87.92% |
| 43) trans-1,3-Dichloropropene- | 7.62    | 79    | 118254   | 41.78    | ug/L | 0.00   |
| Spiked Amount                  | 50.000  | Range | 60 - 125 | Recovery | =    | 83.56% |
| 47) 2-Hexanone-d5              | 8.09    | 63    | 186727   | 95.62    | ug/L | 0.00   |
| Spiked Amount                  | 100.000 | Range | 45 - 130 | Recovery | =    | 95.62% |
| 57) 1,1,2,2-Tetrachloroethane- | 10.22   | 84    | 304700   | 45.27    | ug/L | 0.00   |
| Spiked Amount                  | 50.000  | Range | 65 - 120 | Recovery | =    | 90.54% |
| 64) 1,2-Dichlorobenzene-d4     | 11.63   | 152   | 231484   | 44.65    | ug/L | 0.00   |
| Spiked Amount                  | 50.000  | Range | 80 - 120 | Recovery | =    | 89.30% |

## Target Compounds

|                       |      |     |        |         | Ovalue   |
|-----------------------|------|-----|--------|---------|----------|
| 33) Benzene           | 5.11 | 78  | 47394  | 2.723   | ug/L 100 |
| 34) Trichloroethene   | 5.92 | 95  | 64170  | 13.956  | ug/L 99  |
| 46) Tetrachloroethene | 7.98 | 164 | 326526 | 102.632 | ug/L 99  |

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

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