

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV121220\  
 Data File : VV019548.D  
 Acq On : 12 Dec 2020 11:57  
 Operator : SY/MD  
 Sample : L5056-01 200X  
 Misc : 5.0mL/MSVOA V/WATER  
 ALS Vial : 1 Sample Multiplier: 1

Instrument :  
 MSVOA\_V  
 ClientSampleId :  
 BG4M7

Quant Time: Dec 13 05:59:08 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  | 674435   | 50.00 | ug/L  | 0.00     |
| 28) Chlorobenzene-d5       | 8.86  | 117  | 621149   | 50.00 | ug/L  | 0.00     |
| 60) 1,4-Dichlorobenzene-d4 | 11.25 | 152  | 288975   | 50.00 | ug/L  | 0.00     |

## System Monitoring Compounds

|                                |         |       |          |          |      |         |
|--------------------------------|---------|-------|----------|----------|------|---------|
| 4) Vinyl Chloride-d3           | 1.31    | 65    | 187598   | 38.79    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 60 - 135 | Recovery | =    | 77.58%  |
| 7) Chloroethane-d5             | 1.57    | 69    | 166181   | 43.57    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 70 - 130 | Recovery | =    | 87.14%  |
| 11) 1,1-Dichloroethene-d2      | 2.11    | 63    | 298367   | 33.24    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 60 - 125 | Recovery | =    | 66.48%  |
| 21) 2-Butanone-d5              | 3.89    | 46    | 267159   | 101.63   | ug/L | 0.00    |
| Spiked Amount                  | 100.000 | Range | 40 - 130 | Recovery | =    | 101.63% |
| 24) Chloroform-d               | 4.35    | 84    | 397624   | 45.62    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 70 - 125 | Recovery | =    | 91.24%  |
| 26) 1,2-Dichloroethane-d4      | 5.04    | 65    | 275562   | 48.38    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 70 - 125 | Recovery | =    | 96.76%  |
| 32) Benzene-d6                 | 5.05    | 84    | 779528   | 47.05    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 70 - 125 | Recovery | =    | 94.10%  |
| 36) 1,2-Dichloropropane-d6     | 6.07    | 67    | 250709   | 48.31    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 70 - 120 | Recovery | =    | 96.62%  |
| 41) Toluene-d8                 | 7.32    | 98    | 700538   | 46.97    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 80 - 120 | Recovery | =    | 93.94%  |
| 43) trans-1,3-Dichloropropene- | 7.62    | 79    | 131617   | 44.59    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 60 - 125 | Recovery | =    | 89.18%  |
| 47) 2-Hexanone-d5              | 8.09    | 63    | 199925   | 98.16    | ug/L | 0.00    |
| Spiked Amount                  | 100.000 | Range | 45 - 130 | Recovery | =    | 98.16%  |
| 57) 1,1,2,2-Tetrachloroethane- | 10.22   | 84    | 333624   | 47.53    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 65 - 120 | Recovery | =    | 95.06%  |
| 64) 1,2-Dichlorobenzene-d4     | 11.63   | 152   | 256198   | 47.43    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 80 - 120 | Recovery | =    | 94.86%  |

| Target Compounds      |      |     |       |             | Ovalue |
|-----------------------|------|-----|-------|-------------|--------|
| 34) Trichloroethene   | 5.92 | 95  | 16909 | 3.526 ug/L  | 98     |
| 46) Tetrachloroethene | 7.98 | 164 | 88761 | 26.749 ug/L | 99     |

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

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