

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV102220\  
 Data File : VV019074.D  
 Acq On : 22 Oct 2020 17:49  
 Operator : SY/MD  
 Sample : L4483-02  
 Misc : 5.0mL/MSVOA V/WATER  
 ALS Vial : 15 Sample Multiplier: 1

Instrument :  
 MSVOA\_V  
 ClientSampleId :  
 C0FH0

Quant Time: Oct 23 07:15:48 2020  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_V\METHOD\SOMVLM102220WMA.M  
 Quant Title : VOC Analysis  
 QLast Update : Thu Oct 22 13:54:49 2020  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Difluorobenzene     | 5.64  | 114  | 307044   | 50.00 | ug/L  | 0.00     |
| 28) Chlorobenzene-d5       | 8.87  | 117  | 299085   | 50.00 | ug/L  | 0.00     |
| 60) 1,4-Dichlorobenzene-d4 | 11.27 | 152  | 141841   | 50.00 | ug/L  | 0.00     |

## System Monitoring Compounds

|                                |         |       |          |          |      |         |
|--------------------------------|---------|-------|----------|----------|------|---------|
| 4) Vinyl Chloride-d3           | 1.32    | 65    | 133913   | 48.01    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 60 - 135 | Recovery | =    | 96.02%  |
| 7) Chloroethane-d5             | 1.58    | 69    | 106973   | 47.65    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 70 - 130 | Recovery | =    | 95.30%  |
| 11) 1,1-Dichloroethene-d2      | 2.12    | 63    | 194199   | 37.17    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 60 - 125 | Recovery | =    | 74.34%  |
| 21) 2-Butanone-d5              | 3.91    | 46    | 176073   | 93.86    | ug/L | 0.00    |
| Spiked Amount                  | 100.000 | Range | 40 - 130 | Recovery | =    | 93.86%  |
| 24) Chloroform-d               | 4.38    | 84    | 219437   | 44.98    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 70 - 125 | Recovery | =    | 89.96%  |
| 26) 1,2-Dichloroethane-d4      | 5.06    | 65    | 153741   | 46.87    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 70 - 125 | Recovery | =    | 93.74%  |
| 32) Benzene-d6                 | 5.07    | 84    | 444437   | 48.58    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 70 - 125 | Recovery | =    | 97.16%  |
| 36) 1,2-Dichloropropane-d6     | 6.09    | 67    | 144530   | 48.77    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 70 - 120 | Recovery | =    | 97.54%  |
| 41) Toluene-d8                 | 7.34    | 98    | 387489   | 47.36    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 80 - 120 | Recovery | =    | 94.72%  |
| 43) trans-1,3-Dichloropropene- | 7.64    | 79    | 68943    | 45.40    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 60 - 125 | Recovery | =    | 90.80%  |
| 47) 2-Hexanone-d5              | 8.11    | 63    | 120416   | 93.45    | ug/L | 0.00    |
| Spiked Amount                  | 100.000 | Range | 45 - 130 | Recovery | =    | 93.45%  |
| 57) 1,1,2,2-Tetrachloroethane- | 10.24   | 84    | 179143   | 45.42    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 65 - 120 | Recovery | =    | 90.84%  |
| 64) 1,2-Dichlorobenzene-d4     | 11.65   | 152   | 152350   | 51.21    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 80 - 120 | Recovery | =    | 102.42% |

## Target Compounds

|                            |       |     |        |        | Ovalue   |
|----------------------------|-------|-----|--------|--------|----------|
| 13) Acetone                | 2.20  | 43  | 7249   | 5.701  | ug/L 100 |
| 51) Chlorobenzene          | 8.90  | 112 | 17376  | 2.883  | ug/L 97  |
| 62) 1,3-Dichlorobenzene    | 11.21 | 146 | 3669   | 0.862  | ug/L 92  |
| 63) 1,4-Dichlorobenzene    | 11.30 | 146 | 9459   | 2.127  | ug/L 95  |
| 65) 1,2-Dichlorobenzene    | 11.67 | 146 | 103254 | 24.059 | ug/L 99  |
| 68) 1,2,4-trichlorobenzene | 13.29 | 180 | 14704  | 5.365  | ug/L 97  |
| 70) 1,2,3-Trichlorobenzene | 13.77 | 180 | 12542  | 4.516  | ug/L 95  |

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

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