

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV091420\  
 Data File : VV018204.D  
 Acq On : 14 Sep 2020 15:28  
 Operator : SY/MD  
 Sample : L4012-01  
 Misc : 5.0mL/MSVOA V/WATER  
 ALS Vial : 6 Sample Multiplier: 1

Instrument :  
 MSVOA\_V  
 ClientSampleId :  
 BFWR2

Quant Time: Sep 15 06:00:41 2020  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_V\METHOD\SOMVLM090920WMA.M  
 Quant Title : VOC Analysis  
 QLast Update : Tue Sep 15 05:21:42 2020  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Difluorobenzene     | 5.64  | 114  | 296607   | 50.00 | ug/L  | 0.00     |
| 28) Chlorobenzene-d5       | 8.87  | 117  | 294816   | 50.00 | ug/L  | 0.00     |
| 60) 1,4-Dichlorobenzene-d4 | 11.27 | 152  | 143415   | 50.00 | ug/L  | 0.00     |

## System Monitoring Compounds

|                                |         |       |          |          |      |         |
|--------------------------------|---------|-------|----------|----------|------|---------|
| 4) Vinyl Chloride-d3           | 1.32    | 65    | 95474    | 39.50    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 60 - 135 | Recovery | =    | 79.00%  |
| 7) Chloroethane-d5             | 1.58    | 69    | 89915    | 45.46    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 70 - 130 | Recovery | =    | 90.92%  |
| 11) 1,1-Dichloroethene-d2      | 2.13    | 63    | 146931   | 33.14    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 60 - 125 | Recovery | =    | 66.28%  |
| 21) 2-Butanone-d5              | 3.91    | 46    | 151232   | 102.22   | ug/L | 0.00    |
| Spiked Amount                  | 100.000 | Range | 40 - 130 | Recovery | =    | 102.22% |
| 24) Chloroform-d               | 4.38    | 84    | 203384   | 48.50    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 70 - 125 | Recovery | =    | 97.00%  |
| 26) 1,2-Dichloroethane-d4      | 5.06    | 65    | 135010   | 50.22    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 70 - 125 | Recovery | =    | 100.44% |
| 32) Benzene-d6                 | 5.08    | 84    | 403090   | 47.76    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 70 - 125 | Recovery | =    | 95.52%  |
| 36) 1,2-Dichloropropane-d6     | 6.10    | 67    | 132022   | 49.23    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 70 - 120 | Recovery | =    | 98.46%  |
| 41) Toluene-d8                 | 7.34    | 98    | 354034   | 46.03    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 80 - 120 | Recovery | =    | 92.06%  |
| 43) trans-1,3-Dichloropropene- | 7.64    | 79    | 64423    | 47.28    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 60 - 125 | Recovery | =    | 94.56%  |
| 47) 2-Hexanone-d5              | 8.11    | 63    | 116430   | 114.62   | ug/L | 0.00    |
| Spiked Amount                  | 100.000 | Range | 45 - 130 | Recovery | =    | 114.62% |
| 57) 1,1,2,2-Tetrachloroethane- | 10.24   | 84    | 180435   | 53.61    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 65 - 120 | Recovery | =    | 107.22% |
| 64) 1,2-Dichlorobenzene-d4     | 11.65   | 152   | 156498   | 53.13    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 80 - 120 | Recovery | =    | 106.26% |

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

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

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