

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV092220\  
 Data File : VV018392.D  
 Acq On : 22 Sep 2020 13:51  
 Operator : SY/MD  
 Sample : L4090-17  
 Misc : 5.0mL/MSVOA V/WATER  
 ALS Vial : 10 Sample Multiplier: 1

Instrument :  
 MSVOA\_V  
 ClientSampleId :  
 BFX09

Quant Time: Sep 23 06:22:06 2020  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_V\METHOD\SOMVLM090920WMA.M  
 Quant Title : VOC Analysis  
 QLast Update : Wed Sep 23 05:49:41 2020  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Difluorobenzene     | 5.64  | 114  | 243263   | 50.00 | ug/L  | 0.00     |
| 28) Chlorobenzene-d5       | 8.87  | 117  | 243119   | 50.00 | ug/L  | 0.00     |
| 60) 1,4-Dichlorobenzene-d4 | 11.27 | 152  | 115650   | 50.00 | ug/L  | 0.00     |

## System Monitoring Compounds

|                                |         |       |          |          |      |          |
|--------------------------------|---------|-------|----------|----------|------|----------|
| 4) Vinyl Chloride-d3           | 1.32    | 65    | 96983    | 48.92    | ug/L | 0.00     |
| Spiked Amount                  | 50.000  | Range | 60 - 135 | Recovery | =    | 97.84%   |
| 7) Chloroethane-d5             | 1.58    | 69    | 84556    | 52.12    | ug/L | 0.00     |
| Spiked Amount                  | 50.000  | Range | 70 - 130 | Recovery | =    | 104.24%  |
| 11) 1,1-Dichloroethene-d2      | 2.12    | 63    | 147228   | 40.49    | ug/L | 0.00     |
| Spiked Amount                  | 50.000  | Range | 60 - 125 | Recovery | =    | 80.98%   |
| 21) 2-Butanone-d5              | 3.92    | 46    | 130410   | 107.47   | ug/L | 0.01     |
| Spiked Amount                  | 100.000 | Range | 40 - 130 | Recovery | =    | 107.47%  |
| 24) Chloroform-d               | 4.38    | 84    | 189688   | 55.15    | ug/L | 0.00     |
| Spiked Amount                  | 50.000  | Range | 70 - 125 | Recovery | =    | 110.30%  |
| 26) 1,2-Dichloroethane-d4      | 5.06    | 65    | 127086   | 57.64    | ug/L | 0.00     |
| Spiked Amount                  | 50.000  | Range | 70 - 125 | Recovery | =    | 115.28%  |
| 32) Benzene-d6                 | 5.08    | 84    | 388255   | 55.78    | ug/L | 0.00     |
| Spiked Amount                  | 50.000  | Range | 70 - 125 | Recovery | =    | 111.56%  |
| 36) 1,2-Dichloropropane-d6     | 6.09    | 67    | 123492   | 55.84    | ug/L | 0.00     |
| Spiked Amount                  | 50.000  | Range | 70 - 120 | Recovery | =    | 111.68%  |
| 41) Toluene-d8                 | 7.34    | 98    | 349155   | 55.05    | ug/L | 0.00     |
| Spiked Amount                  | 50.000  | Range | 80 - 120 | Recovery | =    | 110.10%  |
| 43) trans-1,3-Dichloropropene- | 7.64    | 79    | 60669    | 53.99    | ug/L | 0.00     |
| Spiked Amount                  | 50.000  | Range | 60 - 125 | Recovery | =    | 107.98%  |
| 47) 2-Hexanone-d5              | 8.11    | 63    | 78730    | 93.99    | ug/L | 0.00     |
| Spiked Amount                  | 100.000 | Range | 45 - 130 | Recovery | =    | 93.99%   |
| 57) 1,1,2,2-Tetrachloroethane- | 10.24   | 84    | 134078   | 48.31    | ug/L | 0.00     |
| Spiked Amount                  | 50.000  | Range | 65 - 120 | Recovery | =    | 96.62%   |
| 64) 1,2-Dichlorobenzene-d4     | 11.65   | 152   | 147092   | 61.93    | ug/L | 0.00     |
| Spiked Amount                  | 50.000  | Range | 80 - 120 | Recovery | =    | 123.86%# |

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

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

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