

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV091720\  
 Data File : VV018293.D  
 Acq On : 17 Sep 2020 20:37  
 Operator : SY/MD  
 Sample : L4043-10  
 Misc : 5.0mL/MSVOA V/WATER  
 ALS Vial : 27 Sample Multiplier: 1

Instrument :  
 MSVOA\_V  
 ClientSampleId :  
 C0AE4

Quant Time: Sep 18 08:04:20 2020  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_V\METHOD\SOMVLM090920WMA.M  
 Quant Title : VOC Analysis  
 QLast Update : Fri Sep 18 06:17:41 2020  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Difluorobenzene     | 5.64  | 114  | 283834   | 50.00 | ug/L  | 0.00     |
| 28) Chlorobenzene-d5       | 8.87  | 117  | 283952   | 50.00 | ug/L  | 0.00     |
| 60) 1,4-Dichlorobenzene-d4 | 11.27 | 152  | 134427   | 50.00 | ug/L  | 0.00     |

## System Monitoring Compounds

|                                |         |       |          |          |      |         |
|--------------------------------|---------|-------|----------|----------|------|---------|
| 4) Vinyl Chloride-d3           | 1.32    | 65    | 76726    | 33.17    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 60 - 135 | Recovery | =    | 66.34%  |
| 7) Chloroethane-d5             | 1.58    | 69    | 68407    | 36.14    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 70 - 130 | Recovery | =    | 72.28%  |
| 11) 1,1-Dichloroethene-d2      | 2.12    | 63    | 117703   | 27.74    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 60 - 125 | Recovery | =    | 55.48%# |
| 21) 2-Butanone-d5              | 3.92    | 46    | 115816   | 81.80    | ug/L | 0.00    |
| Spiked Amount                  | 100.000 | Range | 40 - 130 | Recovery | =    | 81.80%  |
| 24) Chloroform-d               | 4.38    | 84    | 157899   | 39.34    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 70 - 125 | Recovery | =    | 78.68%  |
| 26) 1,2-Dichloroethane-d4      | 5.06    | 65    | 107555   | 41.81    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 70 - 125 | Recovery | =    | 83.62%  |
| 32) Benzene-d6                 | 5.08    | 84    | 316283   | 38.91    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 70 - 125 | Recovery | =    | 77.82%  |
| 36) 1,2-Dichloropropane-d6     | 6.09    | 67    | 104040   | 40.28    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 70 - 120 | Recovery | =    | 80.56%  |
| 41) Toluene-d8                 | 7.34    | 98    | 279125   | 37.68    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 80 - 120 | Recovery | =    | 75.36%# |
| 43) trans-1,3-Dichloropropene- | 7.64    | 79    | 49477    | 37.70    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 60 - 125 | Recovery | =    | 75.40%  |
| 47) 2-Hexanone-d5              | 8.11    | 63    | 81619    | 83.43    | ug/L | 0.00    |
| Spiked Amount                  | 100.000 | Range | 45 - 130 | Recovery | =    | 83.43%  |
| 57) 1,1,2,2-Tetrachloroethane- | 10.24   | 84    | 137778   | 42.50    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 65 - 120 | Recovery | =    | 85.00%  |
| 64) 1,2-Dichlorobenzene-d4     | 11.65   | 152   | 121894   | 44.15    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 80 - 120 | Recovery | =    | 88.30%  |

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

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

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