

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV100720\  
 Data File : VV018714.D  
 Acq On : 07 Oct 2020 01:32  
 Operator : SY/MD  
 Sample : L4287-17  
 Misc : 5.0mL/MSVOA V/WATER  
 ALS Vial : 21 Sample Multiplier: 1

Instrument :  
 MSVOA\_V  
 ClientSampleId :  
 C0AK7

Quant Time: Oct 07 08:38:41 2020  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_V\METHOD\SOMVLM092920WMA.M  
 Quant Title : VOC Analysis  
 QLast Update : Wed Oct 07 07:22:30 2020  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Difluorobenzene     | 5.64  | 114  | 276606   | 50.00 | ug/L  | 0.00     |
| 28) Chlorobenzene-d5       | 8.87  | 117  | 275199   | 50.00 | ug/L  | 0.00     |
| 60) 1,4-Dichlorobenzene-d4 | 11.27 | 152  | 123923   | 50.00 | ug/L  | 0.00     |

## System Monitoring Compounds

|                                |         |       |          |          |      |        |
|--------------------------------|---------|-------|----------|----------|------|--------|
| 4) Vinyl Chloride-d3           | 1.31    | 65    | 78259    | 48.24    | ug/L | 0.00   |
| Spiked Amount                  | 50.000  | Range | 60 - 135 | Recovery | =    | 96.48% |
| 7) Chloroethane-d5             | 1.58    | 69    | 65501    | 48.83    | ug/L | 0.00   |
| Spiked Amount                  | 50.000  | Range | 70 - 130 | Recovery | =    | 97.66% |
| 11) 1,1-Dichloroethene-d2      | 2.12    | 63    | 122587   | 37.09    | ug/L | 0.00   |
| Spiked Amount                  | 50.000  | Range | 60 - 125 | Recovery | =    | 74.18% |
| 21) 2-Butanone-d5              | 3.90    | 46    | 104466   | 86.33    | ug/L | 0.00   |
| Spiked Amount                  | 100.000 | Range | 40 - 130 | Recovery | =    | 86.33% |
| 24) Chloroform-d               | 4.38    | 84    | 155701   | 44.39    | ug/L | 0.00   |
| Spiked Amount                  | 50.000  | Range | 70 - 125 | Recovery | =    | 88.78% |
| 26) 1,2-Dichloroethane-d4      | 5.06    | 65    | 110249   | 49.51    | ug/L | 0.00   |
| Spiked Amount                  | 50.000  | Range | 70 - 125 | Recovery | =    | 99.02% |
| 32) Benzene-d6                 | 5.07    | 84    | 300386   | 43.09    | ug/L | 0.00   |
| Spiked Amount                  | 50.000  | Range | 70 - 125 | Recovery | =    | 86.18% |
| 36) 1,2-Dichloropropane-d6     | 6.09    | 67    | 94663    | 44.94    | ug/L | 0.00   |
| Spiked Amount                  | 50.000  | Range | 70 - 120 | Recovery | =    | 89.88% |
| 41) Toluene-d8                 | 7.34    | 98    | 285163   | 43.48    | ug/L | 0.00   |
| Spiked Amount                  | 50.000  | Range | 80 - 120 | Recovery | =    | 86.96% |
| 43) trans-1,3-Dichloropropene- | 7.64    | 79    | 42756    | 37.58    | ug/L | 0.00   |
| Spiked Amount                  | 50.000  | Range | 60 - 125 | Recovery | =    | 75.16% |
| 47) 2-Hexanone-d5              | 8.11    | 63    | 56549    | 70.69    | ug/L | 0.00   |
| Spiked Amount                  | 100.000 | Range | 45 - 130 | Recovery | =    | 70.69% |
| 57) 1,1,2,2-Tetrachloroethane- | 10.24   | 84    | 115727   | 41.44    | ug/L | 0.00   |
| Spiked Amount                  | 50.000  | Range | 65 - 120 | Recovery | =    | 82.88% |
| 64) 1,2-Dichlorobenzene-d4     | 11.65   | 152   | 111181   | 46.65    | ug/L | 0.00   |
| Spiked Amount                  | 50.000  | Range | 80 - 120 | Recovery | =    | 93.30% |

| Target Compounds      |      |     |      |            | Ovalue |
|-----------------------|------|-----|------|------------|--------|
| 46) Tetrachloroethene | 8.00 | 164 | 2178 | 1.144 ug/L | 91     |

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

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