

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV031320\  
 Data File : VV014920.D  
 Acq On : 13 Mar 2020 21:55  
 Operator : SY/MD  
 Sample : L1884-04  
 Misc : 5.0mL/MSVOA V/WATER  
 ALS Vial : 27 Sample Multiplier: 1

Instrument :  
 MSVOA\_V  
 ClientSampleId :  
 C0N68

Quant Time: Mar 16 03:01:48 2020  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_V\METHOD\SOMVLM030620WMA.M  
 Quant Title : VOC Analysis  
 QLast Update : Mon Mar 16 01:36:12 2020  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Difluorobenzene     | 5.64  | 114  | 391266   | 50.00 | ug/L  | 0.00     |
| 28) Chlorobenzene-d5       | 8.87  | 117  | 383118   | 50.00 | ug/L  | 0.00     |
| 60) 1,4-Dichlorobenzene-d4 | 11.27 | 152  | 186165   | 50.00 | ug/L  | 0.00     |

## System Monitoring Compounds

|                                |         |       |          |          |      |         |
|--------------------------------|---------|-------|----------|----------|------|---------|
| 4) Vinyl Chloride-d3           | 1.32    | 65    | 91944    | 34.72    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 60 - 135 | Recovery | =    | 69.44%  |
| 7) Chloroethane-d5             | 1.58    | 69    | 74682    | 35.68    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 70 - 130 | Recovery | =    | 71.36%  |
| 11) 1,1-Dichloroethene-d2      | 2.12    | 63    | 117704   | 26.75    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 60 - 125 | Recovery | =    | 53.50%# |
| 21) 2-Butanone-d5              | 3.93    | 46    | 133780   | 67.74    | ug/L | 0.00    |
| Spiked Amount                  | 100.000 | Range | 40 - 130 | Recovery | =    | 67.74%  |
| 24) Chloroform-d               | 4.38    | 84    | 214161   | 42.71    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 70 - 125 | Recovery | =    | 85.42%  |
| 26) 1,2-Dichloroethane-d4      | 5.06    | 65    | 146242   | 42.94    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 70 - 125 | Recovery | =    | 85.88%  |
| 32) Benzene-d6                 | 5.08    | 84    | 440454   | 43.54    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 70 - 125 | Recovery | =    | 87.08%  |
| 36) 1,2-Dichloropropane-d6     | 6.10    | 67    | 135730   | 40.48    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 70 - 120 | Recovery | =    | 80.96%  |
| 41) Toluene-d8                 | 7.34    | 98    | 417535   | 42.14    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 80 - 120 | Recovery | =    | 84.28%  |
| 43) trans-1,3-Dichloropropene- | 7.64    | 79    | 64450    | 39.37    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 60 - 125 | Recovery | =    | 78.74%  |
| 47) 2-Hexanone-d5              | 8.12    | 63    | 131989   | 88.66    | ug/L | 0.00    |
| Spiked Amount                  | 100.000 | Range | 45 - 130 | Recovery | =    | 88.66%  |
| 57) 1,1,2,2-Tetrachloroethane- | 10.24   | 84    | 196976   | 42.71    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 65 - 120 | Recovery | =    | 85.42%  |
| 64) 1,2-Dichlorobenzene-d4     | 11.65   | 152   | 177482   | 48.10    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 80 - 120 | Recovery | =    | 96.20%  |

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

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

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