

Data File : VV015003.D  
Acq On : 18 Mar 2020 03:35  
Operator : SY/MD  
Sample : L1890-14  
Misc : 5.0mL/MSVOA\_V/WATER  
ALS Vial : 42 Sample Multiplier: 1

Instrument :  
MSVOA\_V  
ClientSampleId :

Quant Time: Mar 18 08:38:10 2020  
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_V\METHOD\SOMVLM031620WMA.M  
Quant Title : VOC Analysis  
QLast Update : Wed Mar 18 07:43:00 2020  
Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Difluorobenzene     | 5.64  | 114  | 306187   | 50.00 | ug/L  | 0.00     |
| 28) Chlorobenzene-d5       | 8.87  | 117  | 298154   | 50.00 | ug/L  | 0.00     |
| 60) 1,4-Dichlorobenzene-d4 | 11.27 | 152  | 143347   | 50.00 | ug/L  | 0.00     |

#### System Monitoring Compounds

|                                |         |       |          |          |      |         |
|--------------------------------|---------|-------|----------|----------|------|---------|
| 4) Vinyl Chloride-d3           | 1.32    | 65    | 67595    | 33.14    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 60 - 135 | Recovery | =    | 66.28%  |
| 7) Chloroethane-d5             | 1.58    | 69    | 57886    | 38.21    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 70 - 130 | Recovery | =    | 76.42%  |
| 11) 1,1-Dichloroethene-d2      | 2.12    | 63    | 91980    | 29.39    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 60 - 125 | Recovery | =    | 58.78%# |
| 21) 2-Butanone-d5              | 3.93    | 46    | 105570m  | 84.88    | ug/L | 0.00    |
| Spiked Amount                  | 100.000 | Range | 40 - 130 | Recovery | =    | 84.88%  |
| 24) Chloroform-d               | 4.38    | 84    | 187363   | 44.09    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 70 - 125 | Recovery | =    | 88.18%  |
| 26) 1,2-Dichloroethane-d4      | 5.06    | 65    | 125712   | 46.69    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 70 - 125 | Recovery | =    | 93.38%  |
| 32) Benzene-d6                 | 5.08    | 84    | 372908   | 45.40    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 70 - 125 | Recovery | =    | 90.80%  |
| 36) 1,2-Dichloropropane-d6     | 6.10    | 67    | 112209   | 45.88    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 70 - 120 | Recovery | =    | 91.76%  |
| 41) Toluene-d8                 | 7.34    | 98    | 358439   | 44.12    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 80 - 120 | Recovery | =    | 88.24%  |
| 43) trans-1,3-Dichloropropene- | 7.64    | 79    | 52794    | 40.60    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 60 - 125 | Recovery | =    | 81.20%  |
| 47) 2-Hexanone-d5              | 8.12    | 63    | 106313   | 96.29    | ug/L | 0.00    |
| Spiked Amount                  | 100.000 | Range | 45 - 130 | Recovery | =    | 96.29%  |
| 57) 1,1,2,2-Tetrachloroethane- | 10.24   | 84    | 169379   | 47.30    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 65 - 120 | Recovery | =    | 94.60%  |
| 64) 1,2-Dichlorobenzene-d4     | 11.65   | 152   | 156750   | 49.92    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 80 - 120 | Recovery | =    | 99.84%  |

| Target Compounds        |       |     |      |       |      | Qvalue |
|-------------------------|-------|-----|------|-------|------|--------|
| 63) 1,4-Dichlorobenzene | 11.29 | 146 | 3013 | 0.633 | ug/L | 90     |

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

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