

Data File : VV014995.D  
Acq On : 18 Mar 2020 00:22  
Operator : SY/MD  
Sample : L1940-10  
Misc : 5.0mL/MSVOA\_V/WATER  
ALS Vial : 34 Sample Multiplier: 1

Instrument :  
MSVOA\_V  
ClientSampleId :

Quant Time: Mar 18 08:16:55 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  | 320417   | 50.00 | ug/L  | 0.00     |
| 28) Chlorobenzene-d5       | 8.87  | 117  | 313399   | 50.00 | ug/L  | 0.00     |
| 60) 1,4-Dichlorobenzene-d4 | 11.27 | 152  | 153838   | 50.00 | ug/L  | 0.00     |

#### System Monitoring Compounds

|                                |         |       |          |          |      |         |
|--------------------------------|---------|-------|----------|----------|------|---------|
| 4) Vinyl Chloride-d3           | 1.32    | 65    | 73516    | 34.44    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 60 - 135 | Recovery | =    | 68.88%  |
| 7) Chloroethane-d5             | 1.58    | 69    | 62347    | 39.32    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 70 - 130 | Recovery | =    | 78.64%  |
| 11) 1,1-Dichloroethene-d2      | 2.12    | 63    | 97776    | 29.85    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 60 - 125 | Recovery | =    | 59.70%# |
| 21) 2-Butanone-d5              | 3.94    | 46    | 110410m  | 84.83    | ug/L | 0.00    |
| Spiked Amount                  | 100.000 | Range | 40 - 130 | Recovery | =    | 84.83%  |
| 24) Chloroform-d               | 4.38    | 84    | 193700   | 43.55    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 70 - 125 | Recovery | =    | 87.10%  |
| 26) 1,2-Dichloroethane-d4      | 5.06    | 65    | 132151   | 46.90    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 70 - 125 | Recovery | =    | 93.80%  |
| 32) Benzene-d6                 | 5.08    | 84    | 390860   | 45.27    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 70 - 125 | Recovery | =    | 90.54%  |
| 36) 1,2-Dichloropropane-d6     | 6.10    | 67    | 118347   | 46.03    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 70 - 120 | Recovery | =    | 92.06%  |
| 41) Toluene-d8                 | 7.34    | 98    | 373086   | 43.69    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 80 - 120 | Recovery | =    | 87.38%  |
| 43) trans-1,3-Dichloropropene- | 7.64    | 79    | 56595    | 41.40    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 60 - 125 | Recovery | =    | 82.80%  |
| 47) 2-Hexanone-d5              | 8.12    | 63    | 110204   | 94.96    | ug/L | 0.00    |
| Spiked Amount                  | 100.000 | Range | 45 - 130 | Recovery | =    | 94.96%  |
| 57) 1,1,2,2-Tetrachloroethane- | 10.24   | 84    | 176264   | 46.83    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 65 - 120 | Recovery | =    | 93.66%  |
| 64) 1,2-Dichlorobenzene-d4     | 11.65   | 152   | 164241   | 48.74    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 80 - 120 | Recovery | =    | 97.48%  |

| Target Compounds           |       |     |      |       |        | Qvalue |
|----------------------------|-------|-----|------|-------|--------|--------|
| 63) 1,4-Dichlorobenzene    | 11.29 | 146 | 5892 | 1.154 | ug/L   | 90     |
| 65) 1,2-Dichlorobenzene    | 11.67 | 146 | 4335 | 0.856 | ug/L # | 94     |
| 68) 1,2,4-trichlorobenzene | 13.28 | 180 | 4940 | 1.394 | ug/L   | 96     |

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

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