

Data File : VV015034.D  
Acq On : 18 Mar 2020 23:38  
Operator : SY/MD  
Sample : L1941-13  
Misc : 5.0mL/MSVOA\_V/WATER  
ALS Vial : 25 Sample Multiplier: 1

Instrument :  
MSVOA\_V  
ClientSampleId :

Quant Time: Mar 19 05:44:27 2020  
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_V\METHOD\SOMVLM031820WMA.M  
Quant Title : VOC Analysis  
QLast Update : Thu Mar 19 04:08:09 2020  
Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Difluorobenzene     | 5.64  | 114  | 329887   | 50.00 | ug/L  | 0.00     |
| 28) Chlorobenzene-d5       | 8.87  | 117  | 320299   | 50.00 | ug/L  | 0.00     |
| 60) 1,4-Dichlorobenzene-d4 | 11.27 | 152  | 160582   | 50.00 | ug/L  | 0.00     |

#### System Monitoring Compounds

|                                |         |       |          |          |      |         |
|--------------------------------|---------|-------|----------|----------|------|---------|
| 4) Vinyl Chloride-d3           | 1.32    | 65    | 80197    | 52.03    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 60 - 135 | Recovery | =    | 104.06% |
| 7) Chloroethane-d5             | 1.58    | 69    | 65044    | 53.81    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 70 - 130 | Recovery | =    | 107.62% |
| 11) 1,1-Dichloroethene-d2      | 2.12    | 63    | 102481   | 38.90    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 60 - 125 | Recovery | =    | 77.80%  |
| 21) 2-Butanone-d5              | 3.93    | 46    | 102620m  | 98.20    | ug/L | 0.00    |
| Spiked Amount                  | 100.000 | Range | 40 - 130 | Recovery | =    | 98.20%  |
| 24) Chloroform-d               | 4.38    | 84    | 198924   | 50.41    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 70 - 125 | Recovery | =    | 100.82% |
| 26) 1,2-Dichloroethane-d4      | 5.06    | 65    | 126979   | 51.12    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 70 - 125 | Recovery | =    | 102.24% |
| 32) Benzene-d6                 | 5.08    | 84    | 406246   | 53.45    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 70 - 125 | Recovery | =    | 106.90% |
| 36) 1,2-Dichloropropane-d6     | 6.10    | 67    | 117880   | 53.00    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 70 - 120 | Recovery | =    | 106.00% |
| 41) Toluene-d8                 | 7.34    | 98    | 401578   | 52.48    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 80 - 120 | Recovery | =    | 104.96% |
| 43) trans-1,3-Dichloropropene- | 7.64    | 79    | 58481    | 49.19    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 60 - 125 | Recovery | =    | 98.38%  |
| 47) 2-Hexanone-d5              | 8.12    | 63    | 102399   | 99.93    | ug/L | 0.00    |
| Spiked Amount                  | 100.000 | Range | 45 - 130 | Recovery | =    | 99.93%  |
| 57) 1,1,2,2-Tetrachloroethane- | 10.23   | 84    | 170115   | 50.84    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 65 - 120 | Recovery | =    | 101.68% |
| 64) 1,2-Dichlorobenzene-d4     | 11.65   | 152   | 167839   | 52.06    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 80 - 120 | Recovery | =    | 104.12% |

#### Target Compounds

|                            |       |     |       |        |      | Qvalue |
|----------------------------|-------|-----|-------|--------|------|--------|
| 25) Chloroform             | 4.41  | 83  | 6896  | 1.781  | ug/L | 98     |
| 51) Chlorobenzene          | 8.90  | 112 | 11545 | 1.853  | ug/L | 94     |
| 62) 1,3-Dichlorobenzene    | 11.20 | 146 | 6769  | 1.400  | ug/L | 97     |
| 63) 1,4-Dichlorobenzene    | 11.29 | 146 | 19356 | 3.847  | ug/L | 97     |
| 65) 1,2-Dichlorobenzene    | 11.66 | 146 | 60010 | 11.689 | ug/L | 98     |
| 68) 1,2,4-trichlorobenzene | 13.28 | 180 | 34993 | 9.936  | ug/L | 98     |
| 70) 1,2,3-Trichlorobenzene | 13.77 | 180 | 10004 | 2.891  | ug/L | 99     |

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

Data File : VV015034.D  
Acq On : 18 Mar 2020 23:38  
Operator : SY/MD  
Sample : L1941-13  
Misc : 5.0mL/MSVOA\_V/WATER  
ALS Vial : 25 Sample Multiplier: 1

Instrument :  
MSVOA\_V  
ClientSampleId :

Quant Time: Mar 19 05:44:27 2020  
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_V\METHOD\SOMVLM031820WMA.M  
Quant Title : VOC Analysis  
QLast Update : Thu Mar 19 04:08:09 2020  
Response via : Initial Calibration

