

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV031820\  
 Data File : VV015027.D  
 Acq On : 18 Mar 2020 20:48  
 Operator : SY/MD  
 Sample : L1941-06DL 100X  
 Misc : 5.0mL/MSVOA V/WATER  
 ALS Vial : 18 Sample Multiplier: 1

Instrument :  
 MSVOA\_V  
 ClientSampleId :  
 C0DB6DL

Quant Time: Mar 19 05:10:20 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  | 337431   | 50.00 | ug/L  | 0.00     |
| 28) Chlorobenzene-d5       | 8.87  | 117  | 329428   | 50.00 | ug/L  | 0.00     |
| 60) 1,4-Dichlorobenzene-d4 | 11.27 | 152  | 167911   | 50.00 | ug/L  | 0.00     |

## System Monitoring Compounds

|                                |         |       |          |          |      |         |
|--------------------------------|---------|-------|----------|----------|------|---------|
| 4) Vinyl Chloride-d3           | 1.32    | 65    | 83252    | 52.81    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 60 - 135 | Recovery | =    | 105.62% |
| 7) Chloroethane-d5             | 1.58    | 69    | 66001    | 53.39    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 70 - 130 | Recovery | =    | 106.78% |
| 11) 1,1-Dichloroethene-d2      | 2.12    | 63    | 105008   | 38.97    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 60 - 125 | Recovery | =    | 77.94%  |
| 21) 2-Butanone-d5              | 3.93    | 46    | 104305   | 97.58    | ug/L | 0.00    |
| Spiked Amount                  | 100.000 | Range | 40 - 130 | Recovery | =    | 97.58%  |
| 24) Chloroform-d               | 4.38    | 84    | 199137   | 49.33    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 70 - 125 | Recovery | =    | 98.66%  |
| 26) 1,2-Dichloroethane-d4      | 5.06    | 65    | 130777   | 51.47    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 70 - 125 | Recovery | =    | 102.94% |
| 32) Benzene-d6                 | 5.08    | 84    | 410837   | 52.55    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 70 - 125 | Recovery | =    | 105.10% |
| 36) 1,2-Dichloropropane-d6     | 6.09    | 67    | 118093   | 51.63    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 70 - 120 | Recovery | =    | 103.26% |
| 41) Toluene-d8                 | 7.34    | 98    | 399556   | 50.77    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 80 - 120 | Recovery | =    | 101.54% |
| 43) trans-1,3-Dichloropropene- | 7.64    | 79    | 58455    | 47.81    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 60 - 125 | Recovery | =    | 95.62%  |
| 47) 2-Hexanone-d5              | 8.12    | 63    | 111966   | 106.23   | ug/L | 0.00    |
| Spiked Amount                  | 100.000 | Range | 45 - 130 | Recovery | =    | 106.23% |
| 57) 1,1,2,2-Tetrachloroethane- | 10.23   | 84    | 171610   | 49.86    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 65 - 120 | Recovery | =    | 99.72%  |
| 64) 1,2-Dichlorobenzene-d4     | 11.65   | 152   | 177315   | 52.60    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 80 - 120 | Recovery | =    | 105.20% |

## Target Compounds

| Target Compounds           | R.T.  | QIon | Response | Conc   | Units | Ovalue |
|----------------------------|-------|------|----------|--------|-------|--------|
| 51) Chlorobenzene          | 8.90  | 112  | 97558    | 15.221 | ug/L  | 97     |
| 62) 1,3-Dichlorobenzene    | 11.20 | 146  | 29249    | 5.787  | ug/L  | 99     |
| 63) 1,4-Dichlorobenzene    | 11.29 | 146  | 173246   | 32.931 | ug/L  | 99     |
| 65) 1,2-Dichlorobenzene    | 11.66 | 146  | 447517   | 83.363 | ug/L  | 99     |
| 68) 1,2,4-trichlorobenzene | 13.28 | 180  | 203524   | 55.266 | ug/L  | 98     |
| 70) 1,2,3-Trichlorobenzene | 13.77 | 180  | 28561    | 7.894  | ug/L  | 98     |

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

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