

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_L\Data\VL110325\  
 Data File : VL043140.D  
 Acq On : 03 Nov 2025 10:21  
 Operator : SY/MD  
 Sample : CAN 10595  
 Misc : 400mL/MSVOA\_L  
 ALS Vial : 1 Sample Multiplier: 1

Instrument :  
 MSVOA\_L  
 ClientSampleId :  
 CAN 10595

Quant Time: Nov 04 03:07:15 2025  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_L\methods\VL101425AIR.M  
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA\_L Fri Aug 26 06:05:16 2022  
 QLast Update : Wed Oct 15 02:12:58 2025  
 Response via : Initial Calibration

| Compound                | R.T.  | QIon | Response | Conc   | Units | Dev(Min) |
|-------------------------|-------|------|----------|--------|-------|----------|
| -----                   |       |      |          |        |       |          |
| Internal Standards      |       |      |          |        |       |          |
| 1) Bromochloromethane   | 2.787 | 49   | 120901   | 10.000 | ppbv  | 0.00     |
| 33) 1,4-Difluorobenzene | 3.956 | 114  | 390173   | 10.000 | ppbv  | 0.00     |
| 55) Chlorobenzene-d5    | 8.879 | 117  | 338133   | 10.000 | ppbv  | 0.00     |

|                             |        |       |          |          |      |         |
|-----------------------------|--------|-------|----------|----------|------|---------|
| System Monitoring Compounds |        |       |          |          |      |         |
| 68) 1-Bromo-4-Fluorobenzene | 10.374 | 95    | 262010   | 9.969    | ppbv | 0.00    |
| Spiked Amount               | 10.000 | Range | 65 - 135 | Recovery | =    | 99.700% |

|                               |       |     |     |       |        |        |
|-------------------------------|-------|-----|-----|-------|--------|--------|
| Target Compounds              |       |     |     |       |        | Qvalue |
| 2) Dichlorodifluoromethane    | 1.667 | 85  | 24  | 0.001 | ppbv # | 17     |
| 3) Chlorodifluoromethane      | 1.441 | 51  | 55  | 0.003 | ppbv # | 1      |
| 4) Chloromethane              | 1.535 | 50  | 39  | 0.006 | ppbv # | 85     |
| 5) Vinyl Chloride             | 1.460 | 62  | 23  | 0.003 | ppbv # | 44     |
| 6) Bromomethane               | 1.703 | 94  | 37  | 0.010 | ppbv # | 4      |
| 7) Chloroethane               | 1.923 | 64  | 44  | 0.016 | ppbv # | 42     |
| 8) Dichlorotetrafluoroethane  | 1.667 | 85  | 24  | 0.002 | ppbv # | 20     |
| 9) Propene                    | 1.486 | 41  | 105 | 0.013 | ppbv # | 15     |
| 10) Heptane                   | 4.988 | 43  | 77  | 0.003 | ppbv # | 27     |
| 12) 1,1,2-Trichlorotrifluo... | 2.447 | 101 | 28  | 0.002 | ppbv # | 52     |
| 14) Bromoethene               | 1.790 | 108 | 25  | 0.005 | ppbv # | 1      |
| 16) 1,3-Butadiene             | 1.606 | 39  | 64  | 0.008 | ppbv # | 13     |
| 17) tert-Butyl alcohol        | 2.043 | 59  | 292 | 0.013 | ppbv # | 1      |
| 18) 1,1-Dichloroethene        | 2.030 | 96  | 59  | 0.010 | ppbv # | 1      |
| 19) Isopropyl Alcohol         | 1.845 | 45  | 171 | 0.017 | ppbv # | 1      |
| 21) Allyl Chloride            | 2.098 | 41  | 241 | 0.020 | ppbv # | 21     |
| 22) trans-1,2-Dichloroethene  | 2.295 | 96  | 95  | 0.013 | ppbv # | 1      |
| 23) Vinyl Acetate             | 2.464 | 43  | 186 | 0.008 | ppbv # | 1      |
| 24) 1,1-Dichloroethane        | 2.392 | 63  | 64  | 0.005 | ppbv # | 87     |
| 25) Ethyl Acetate             | 2.833 | 43  | 145 | 0.004 | ppbv # | 75     |
| 26) Hexane                    | 2.826 | 57  | 111 | 0.006 | ppbv # | 1      |
| 27) Carbon Disulfide          | 2.156 | 76  | 88  | 0.005 | ppbv # | 1      |
| 28) Methyl tert-Butyl Ether   | 2.435 | 73  | 59  | 0.007 | ppbv # | 1      |
| 29) Chloroform                | 2.846 | 83  | 60  | 0.002 | ppbv   | 96     |
| 30) Cyclohexane               | 3.836 | 84  | 45  | 0.003 | ppbv # | 1      |
| 31) cis-1,2-Dichloroethene    | 2.638 | 61  | 29  | 0.002 | ppbv # | 24     |
| 32) 1,1,1-Trichloroethane     | 3.114 | 97  | 26  | 0.001 | ppbv # | 20     |
| 35) Carbon Tetrachloride      | 4.121 | 117 | 26  | 0.001 | ppbv # | 13     |
| 36) Benzene                   | 3.639 | 78  | 23  | 0.001 | ppbv # | 57     |
| 38) Trichloroethene           | 4.661 | 130 | 33  | 0.002 | ppbv # | 3      |
| 40) 1,4-Dioxane               | 4.652 | 88  | 24  | 0.004 | ppbv # | 1      |
| 41) Tetrahydrofuran           | 3.059 | 42  | 29  | 0.002 | ppbv # | 37     |
| 42) Bromodichloromethane      | 4.564 | 83  | 30  | 0.001 | ppbv # | 25     |
| 43) Methyl Methacrylate       | 4.856 | 69  | 10  | 0.001 | ppbv # | 1      |
| 44) 2,2,4-Trimethylpentane    | 4.580 | 57  | 23  | 0.000 | ppbv # | 1      |
| 45) t-1,3-Dichloropropene     | 6.212 | 75  | 25  | 0.001 | ppbv # | 43     |
| 48) Dibromochloromethane      | 7.639 | 129 | 26  | 0.001 | ppbv # | 10     |
| 49) Bromoform                 | 9.468 | 173 | 26  | 0.001 | ppbv # | 36     |
| 50) 4-Methyl-2-Pentanone      | 5.762 | 43  | 28  | 0.001 | ppbv # | 38     |
| 51) 2-Hexanone                | 7.403 | 43  | 47  | 0.002 | ppbv # | 27     |
| 53) Toluene                   | 6.927 | 91  | 108 | 0.002 | ppbv # | 65     |
| 54) 1,2-Dibromoethane         | 7.160 | 107 | 23  | 0.001 | ppbv # | 4      |
| 57) Chlorobenzene             | 8.879 | 112 | 12  | 0.000 | ppbv # | 1      |

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_L\Data\VL110325\  
 Data File : VL043140.D  
 Acq On : 03 Nov 2025 10:21  
 Operator : SY/MD  
 Sample : CAN 10595  
 Misc : 400mL/MSVOA\_L  
 ALS Vial : 1 Sample Multiplier: 1

Instrument :  
 MSVOA\_L  
 ClientSampleId :  
 CAN 10595

Quant Time: Nov 04 03:07:15 2025  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_L\methods\VL101425AIR.M  
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA\_L Fri Aug 26 06:05:16 2022  
 QLast Update : Wed Oct 15 02:12:58 2025  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc  | Units | Dev(Min) |    |
|-------------------------------|--------|------|----------|-------|-------|----------|----|
| 58) Ethyl Benzene             | 9.361  | 91   | 73       | 0.001 | ppbv  | #        | 44 |
| 59) m/p-Xylene                | 9.533  | 91   | 40       | 0.001 | ppbv  | #        | 52 |
| 60) o-Xylene                  | 9.623  | 91   | 25       | 0.001 | ppbv  | #        | 32 |
| 62) Isopropylbenzene          | 10.381 | 105  | 102      | 0.001 | ppbv  | #        | 50 |
| 63) 1,1,2,2-Tetrachloroethane | 9.973  | 83   | 33       | 0.001 | ppbv  | #        | 25 |
| 64) n-propylbenzene           | 11.118 | 120  | 29       | 0.001 | ppbv  | #        | 6  |
| 65) tert-Butylbenzene         | 11.530 | 119  | 101      | 0.001 | ppbv  | #        | 88 |
| 66) Benzyl Chloride           | 11.614 | 91   | 35       | 0.004 | ppbv  | #        | 65 |
| 67) sec-Butylbenzene          | 11.759 | 105  | 54       | 0.001 | ppbv  | #        | 57 |
| 69) p-Isopropyltoluene        | 11.785 | 119  | 138      | 0.002 | ppbv  | #        | 68 |
| 70) n-Butylbenzene            | 12.280 | 91   | 29       | 0.000 | ppbv  | #        | 1  |
| 71) 2-Chlorotoluene           | 10.986 | 91   | 90       | 0.001 | ppbv  | #        | 45 |
| 72) 4-Ethyltoluene            | 11.125 | 105  | 151      | 0.003 | ppbv  | #        | 55 |
| 73) 1,3,5-Trimethylbenzene    | 11.199 | 105  | 72       | 0.002 | ppbv  | #        | 28 |
| 74) 1,2,4-Trimethylbenzene    | 11.533 | 105  | 244      | 0.005 | ppbv  | #        | 45 |
| 75) 1,3-Dichlorobenzene       | 11.759 | 146  | 41       | 0.001 | ppbv  | #        | 23 |
| 76) 1,4-Dichlorobenzene       | 11.759 | 146  | 41       | 0.001 | ppbv  | #        | 31 |
| 77) 1,2-Dichlorobenzene       | 11.950 | 146  | 45       | 0.002 | ppbv  | #        | 66 |
| 79) Naphthalene               | 13.510 | 128  | 76       | 0.001 | ppbv  | #        | 69 |
| 80) Naphthalene,2-methyl-     | 14.248 | 142  | 12       | 0.001 | ppbv  | #        | 1  |
| 81) 1,2,4-Trichlorobenzene    | 13.617 | 180  | 31       | 0.001 | ppbv  | #        | 13 |

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

Quant Time: Nov 04 03:07:15 2025  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_L\methods\VL101425AIR.M  
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA\_LFri Aug 26 06:05:16 2022  
QLast Update : Wed Oct 15 02:12:58 2025  
Response via : Initial Calibration

