

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_L\Data\VL081325\  
 Data File : VL042849.D  
 Acq On : 13 Aug 2025 12:56  
 Operator : SY/MD  
 Sample : VSTDICV010  
 Misc : 400mL/MSVOA\_L  
 ALS Vial : 1 Sample Multiplier: 1

Instrument :  
 MSVOA\_L  
 ClientSampleId :  
 ICSVVL081325

Quant Time: Aug 14 02:16:09 2025  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_L\methods\VL081325AIR.M  
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA\_L Fri Aug 26 06:05:16 2022  
 QLast Update : Thu Aug 14 02:12:54 2025  
 Response via : Initial Calibration

Min. RRF : 0.050 Min. Rel. Area : 20% Max. R.T. Dev 0.50min  
 Max. RRF Dev : 30% Max. Rel. Area : 150%

|      | Compound                    | Amount | Calc.  | %Dev | Area% | Dev(min) |
|------|-----------------------------|--------|--------|------|-------|----------|
| 1 I  | Bromochloromethane          | 10.000 | 10.000 | 0.0  | 92    | 0.00     |
| 2 T  | Dichlorodifluoromethane     | 10.000 | 9.105  | 8.9  | 91    | 0.00     |
| 3    | Chlorodifluoromethane       | 10.000 | 9.327  | 6.7  | 92    | 0.00     |
| 4    | Chloromethane               | 10.000 | 8.784  | 12.2 | 90    | 0.00     |
| 5 T  | Vinyl Chloride              | 10.000 | 8.232  | 17.7 | 88    | 0.00     |
| 6 T  | Bromomethane                | 10.000 | 8.801  | 12.0 | 93    | 0.00     |
| 7    | Chloroethane                | 10.000 | 8.360  | 16.4 | 87    | 0.00     |
| 8 T  | Dichlorotetrafluoroethane   | 10.000 | 9.248  | 7.5  | 91    | 0.00     |
| 9 T  | Propene                     | 10.000 | 8.922  | 10.8 | 88    | 0.00     |
| 10 T | Heptane                     | 10.000 | 8.990  | 10.1 | 90    | 0.00     |
| 11 T | Trichlorofluoromethane      | 10.000 | 8.707  | 12.9 | 91    | 0.00     |
| 12 T | 1,1,2-Trichlorotrifluoroeth | 10.000 | 8.824  | 11.8 | 89    | 0.00     |
| 13   | Ethanol                     | 10.000 | 7.678  | 23.2 | 97    | 0.00     |
| 14 T | Bromoethene                 | 10.000 | 9.105  | 8.9  | 92    | 0.00     |
| 15 T | Acetone                     | 10.000 | 7.389  | 26.1 | 95    | 0.00     |
| 16 T | 1,3-Butadiene               | 10.000 | 8.285  | 17.1 | 91    | 0.00     |
| 17   | tert-Butyl alcohol          | 10.000 | 8.663  | 13.4 | 91    | 0.00     |
| 18 T | 1,1-Dichloroethene          | 10.000 | 9.087  | 9.1  | 90    | 0.00     |
| 19 T | Isopropyl Alcohol           | 10.000 | 8.146  | 18.5 | 91    | 0.00     |
| 20 T | Methylene Chloride          | 10.000 | 7.041  | 29.6 | 87    | 0.00     |
| 21 T | Allyl Chloride              | 10.000 | 8.956  | 10.4 | 91    | 0.00     |
| 22 T | trans-1,2-Dichloroethene    | 10.000 | 8.904  | 11.0 | 89    | 0.00     |
| 23 T | Vinyl Acetate               | 10.000 | 8.891  | 11.1 | 89    | 0.00     |
| 24 T | 1,1-Dichloroethane          | 10.000 | 8.903  | 11.0 | 92    | 0.00     |
| 25 T | Ethyl Acetate               | 10.000 | 9.240  | 7.6  | 93    | 0.00     |
| 26 T | Hexane                      | 10.000 | 9.246  | 7.5  | 90    | 0.00     |
| 27 T | Carbon Disulfide            | 10.000 | 8.841  | 11.6 | 89    | 0.00     |
| 28 T | Methyl tert-Butyl Ether     | 10.000 | 8.898  | 11.0 | 93    | 0.00     |
| 29 T | Chloroform                  | 10.000 | 9.377  | 6.2  | 94    | 0.00     |
| 30 T | Cyclohexane                 | 10.000 | 9.289  | 7.1  | 91    | 0.00     |
| 31 T | cis-1,2-Dichloroethene      | 10.000 | 9.196  | 8.0  | 93    | 0.00     |
| 32 T | 1,1,1-Trichloroethane       | 10.000 | 9.256  | 7.4  | 95    | 0.00     |
| 33 I | 1,4-Difluorobenzene         | 10.000 | 10.000 | 0.0  | 91    | 0.00     |
| 34 T | 2-Butanone                  | 10.000 | 9.135  | 8.7  | 92    | 0.00     |
| 35 T | Carbon Tetrachloride        | 10.000 | 9.478  | 5.2  | 93    | 0.00     |
| 36 T | Benzene                     | 10.000 | 9.592  | 4.1  | 91    | 0.00     |
| 37 T | 1,2-Dichloroethane          | 10.000 | 9.991  | 0.1  | 94    | 0.00     |
| 38 T | Trichloroethene             | 10.000 | 9.202  | 8.0  | 91    | 0.00     |
| 39 T | 1,2-Dichloropropane         | 10.000 | 9.436  | 5.6  | 92    | 0.00     |
| 40 T | 1,4-Dioxane                 | 10.000 | 8.879  | 11.2 | 90    | 0.00     |
| 41 T | Tetrahydrofuran             | 10.000 | 9.372  | 6.3  | 90    | 0.00     |
| 42 T | Bromodichloromethane        | 10.000 | 9.678  | 3.2  | 92    | 0.00     |
| 43   | Methyl Methacrylate         | 10.000 | 9.229  | 7.7  | 90    | 0.00     |
| 44 T | 2,2,4-Trimethylpentane      | 10.000 | 9.290  | 7.1  | 90    | 0.00     |
| 45 T | t-1,3-Dichloropropene       | 10.000 | 9.645  | 3.6  | 91    | 0.00     |
| 46 T | cis-1,3-Dichloropropene     | 10.000 | 9.628  | 3.7  | 90    | 0.00     |
| 47 T | 1,1,2-Trichloroethane       | 10.000 | 9.553  | 4.5  | 94    | 0.00     |
| 48 T | Dibromochloromethane        | 10.000 | 9.708  | 2.9  | 90    | 0.00     |

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_L\Data\VL081325\  
 Data File : VL042849.D  
 Acq On : 13 Aug 2025 12:56  
 Operator : SY/MD  
 Sample : VSTDICV010  
 Misc : 400mL/MSVOA\_L  
 ALS Vial : 1 Sample Multiplier: 1

Instrument :  
 MSVOA\_L  
 ClientSampleId :  
 ICVVL081325

Quant Time: Aug 14 02:16:09 2025  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_L\methods\VL081325AIR.M  
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA\_L Fri Aug 26 06:05:16 2022  
 QLast Update : Thu Aug 14 02:12:54 2025  
 Response via : Initial Calibration

Min. RRF : 0.050 Min. Rel. Area : 20% Max. R.T. Dev 0.50min  
 Max. RRF Dev : 30% Max. Rel. Area : 150%

|       | Compound                  | Amount | Calc.  | %Dev | Area% | Dev(min) |
|-------|---------------------------|--------|--------|------|-------|----------|
| ----- |                           |        |        |      |       |          |
| 49 T  | Bromoform                 | 10.000 | 9.446  | 5.5  | 86    | 0.00     |
| 50 T  | 4-Methyl-2-Pentanone      | 10.000 | 9.430  | 5.7  | 88    | 0.00     |
| 51 T  | 2-Hexanone                | 10.000 | 9.791  | 2.1  | 91    | 0.00     |
| 52 T  | Tetrachloroethene         | 10.000 | 8.544  | 14.6 | 86    | 0.00     |
| 53 T  | Toluene                   | 10.000 | 9.340  | 6.6  | 90    | 0.00     |
| 54 T  | 1,2-Dibromoethane         | 10.000 | 9.535  | 4.6  | 92    | 0.00     |
|       |                           |        |        |      |       |          |
| 55 I  | Chlorobenzene-d5          | 10.000 | 10.000 | 0.0  | 90    | 0.00     |
| 56    | 1,1,1,2-Tetrachloroethane | 10.000 | 9.291  | 7.1  | 91    | 0.00     |
| 57 T  | Chlorobenzene             | 10.000 | 9.378  | 6.2  | 91    | 0.00     |
| 58 T  | Ethyl Benzene             | 10.000 | 9.414  | 5.9  | 91    | 0.00     |
| 59 T  | m/p-Xylene                | 20.000 | 18.754 | 6.2  | 91    | 0.02     |
| 60 T  | o-Xylene                  | 10.000 | 9.239  | 7.6  | 91    | 0.00     |
| 61 T  | Styrene                   | 10.000 | 9.377  | 6.2  | 90    | 0.00     |
| 62    | Isopropylbenzene          | 10.000 | 9.206  | 7.9  | 91    | 0.00     |
| 63 T  | 1,1,2,2-Tetrachloroethane | 10.000 | 8.826  | 11.7 | 90    | 0.00     |
| 64    | n-propylbenzene           | 10.000 | 9.145  | 8.6  | 90    | 0.00     |
| 65    | tert-Butylbenzene         | 10.000 | 8.946  | 10.5 | 90    | 0.00     |
| 66 T  | Benzyl Chloride           | 10.000 | 9.031  | 9.7  | 81    | 0.00     |
| 67    | sec-Butylbenzene          | 10.000 | 9.088  | 9.1  | 92    | 0.00     |
| 68 S  | 1-Bromo-4-Fluorobenzene   | 10.000 | 10.086 | -0.9 | 90    | 0.00     |
| 69    | p-Isopropyltoluene        | 10.000 | 8.810  | 11.9 | 90    | 0.00     |
| 70    | n-Butylbenzene            | 10.000 | 9.062  | 9.4  | 91    | 0.00     |
| 71    | 2-Chlorotoluene           | 10.000 | 9.214  | 7.9  | 92    | 0.00     |
| 72 T  | 4-Ethyltoluene            | 10.000 | 9.338  | 6.6  | 91    | 0.00     |
| 73 T  | 1,3,5-Trimethylbenzene    | 10.000 | 9.108  | 8.9  | 91    | 0.00     |
| 74 T  | 1,2,4-Trimethylbenzene    | 10.000 | 8.943  | 10.6 | 91    | 0.00     |
| 75 T  | 1,3-Dichlorobenzene       | 10.000 | 9.209  | 7.9  | 89    | 0.00     |
| 76 T  | 1,4-Dichlorobenzene       | 10.000 | 8.976  | 10.2 | 88    | 0.00     |
| 77 T  | 1,2-Dichlorobenzene       | 10.000 | 8.736  | 12.6 | 88    | 0.00     |
| 78 T  | Hexachloro-1,3-Butadiene  | 10.000 | 7.778  | 22.2 | 88    | 0.00     |
| 79 T  | Naphthalene               | 10.000 | 9.284  | 7.2  | 91    | 0.00     |
| 80 T  | Naphthalene,2-methyl-     | 10.000 | 8.188  | 18.1 | 82    | 0.00     |
| 81 T  | 1,2,4-Trichlorobenzene    | 10.000 | 9.016  | 9.8  | 88    | 0.00     |
| ----- |                           |        |        |      |       |          |

(#) = Out of Range

SPCC's out = 0 CCC's out = 0