

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_L\Data\VL052925\  
 Data File : VL042586.D  
 Acq On : 29 May 2025 14:56  
 Operator : SY/MD  
 Sample : VSTDICV010  
 Misc : 400mL/MSVOA\_L  
 ALS Vial : 1 Sample Multiplier: 1

Instrument :  
 MSVOA\_L  
 ClientSampleId :  
 ICSVVL052925

Quant Time: May 30 02:03:46 2025  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_L\methods\VL052925AIR.M  
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA\_L Fri Aug 26 06:05:16 2022  
 QLast Update : Fri May 30 02:01:56 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   | 100   | 0.00     |
| 2 T  | Dichlorodifluoromethane     | 10.000 | 9.156  | 8.4   | 99    | 0.00     |
| 3    | Chlorodifluoromethane       | 10.000 | 8.658  | 13.4  | 99    | 0.00     |
| 4    | Chloromethane               | 10.000 | 9.220  | 7.8   | 97    | 0.00     |
| 5 T  | Vinyl Chloride              | 10.000 | 8.650  | 13.5  | 98    | 0.00     |
| 6 T  | Bromomethane                | 10.000 | 8.455  | 15.4  | 94    | 0.00     |
| 7    | Chloroethane                | 10.000 | 8.541  | 14.6  | 94    | 0.00     |
| 8 T  | Dichlorotetrafluoroethane   | 10.000 | 9.325  | 6.8   | 100   | 0.00     |
| 9 T  | Propene                     | 10.000 | 8.688  | 13.1  | 91    | 0.00     |
| 10 T | Heptane                     | 10.000 | 9.102  | 9.0   | 98    | 0.00     |
| 11 T | Trichlorofluoromethane      | 10.000 | 9.484  | 5.2   | 101   | 0.00     |
| 12 T | 1,1,2-Trichlorotrifluoroeth | 10.000 | 9.839  | 1.6   | 105   | 0.00     |
| 13   | Ethanol                     | 10.000 | 6.387  | 36.1# | 89    | 0.00     |
| 14 T | Bromoethene                 | 10.000 | 9.215  | 7.9   | 98    | 0.00     |
| 15 T | Acetone                     | 10.000 | 7.596  | 24.0  | 98    | 0.00     |
| 16 T | 1,3-Butadiene               | 10.000 | 8.807  | 11.9  | 102   | 0.00     |
| 17   | tert-Butyl alcohol          | 10.000 | 9.611  | 3.9   | 97    | 0.00     |
| 18 T | 1,1-Dichloroethene          | 10.000 | 9.423  | 5.8   | 104   | 0.00     |
| 19 T | Isopropyl Alcohol           | 10.000 | 8.899  | 11.0  | 97    | 0.00     |
| 20 T | Methylene Chloride          | 10.000 | 8.444  | 15.6  | 102   | 0.00     |
| 21 T | Allyl Chloride              | 10.000 | 9.297  | 7.0   | 100   | 0.00     |
| 22 T | trans-1,2-Dichloroethene    | 10.000 | 9.742  | 2.6   | 106   | 0.00     |
| 23 T | Vinyl Acetate               | 10.000 | 10.103 | -1.0  | 112   | 0.00     |
| 24 T | 1,1-Dichloroethane          | 10.000 | 9.408  | 5.9   | 99    | 0.00     |
| 25 T | Ethyl Acetate               | 10.000 | 9.171  | 8.3   | 99    | 0.00     |
| 26 T | Hexane                      | 10.000 | 8.889  | 11.1  | 98    | 0.00     |
| 27 T | Carbon Disulfide            | 10.000 | 9.743  | 2.6   | 104   | 0.00     |
| 28 T | Methyl tert-Butyl Ether     | 10.000 | 9.302  | 7.0   | 102   | 0.00     |
| 29 T | Chloroform                  | 10.000 | 9.057  | 9.4   | 100   | 0.00     |
| 30 T | Cyclohexane                 | 10.000 | 9.198  | 8.0   | 99    | 0.00     |
| 31 T | cis-1,2-Dichloroethene      | 10.000 | 9.307  | 6.9   | 100   | 0.00     |
| 32 T | 1,1,1-Trichloroethane       | 10.000 | 9.077  | 9.2   | 100   | 0.00     |
| 33 I | 1,4-Difluorobenzene         | 10.000 | 10.000 | 0.0   | 98    | 0.00     |
| 34 T | 2-Butanone                  | 10.000 | 9.233  | 7.7   | 98    | 0.00     |
| 35 T | Carbon Tetrachloride        | 10.000 | 9.374  | 6.3   | 100   | 0.00     |
| 36 T | Benzene                     | 10.000 | 9.253  | 7.5   | 99    | 0.00     |
| 37 T | 1,2-Dichloroethane          | 10.000 | 9.555  | 4.5   | 102   | 0.00     |
| 38 T | Trichloroethene             | 10.000 | 9.133  | 8.7   | 99    | 0.00     |
| 39 T | 1,2-Dichloropropane         | 10.000 | 8.988  | 10.1  | 97    | 0.00     |
| 40 T | 1,4-Dioxane                 | 10.000 | 9.306  | 6.9   | 98    | 0.00     |
| 41 T | Tetrahydrofuran             | 10.000 | 9.309  | 6.9   | 98    | 0.00     |
| 42 T | Bromodichloromethane        | 10.000 | 9.676  | 3.2   | 100   | 0.00     |
| 43   | Methyl Methacrylate         | 10.000 | 9.421  | 5.8   | 96    | 0.00     |
| 44 T | 2,2,4-Trimethylpentane      | 10.000 | 9.093  | 9.1   | 98    | 0.00     |
| 45 T | t-1,3-Dichloropropene       | 10.000 | 9.538  | 4.6   | 96    | 0.00     |
| 46 T | cis-1,3-Dichloropropene     | 10.000 | 9.505  | 4.9   | 97    | 0.00     |
| 47 T | 1,1,2-Trichloroethane       | 10.000 | 9.088  | 9.1   | 98    | 0.00     |
| 48 T | Dibromochloromethane        | 10.000 | 9.391  | 6.1   | 97    | 0.00     |

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_L\Data\VL052925\  
 Data File : VL042586.D  
 Acq On : 29 May 2025 14:56  
 Operator : SY/MD  
 Sample : VSTDICV010  
 Misc : 400mL/MSVOA\_L  
 ALS Vial : 1 Sample Multiplier: 1

Instrument :  
 MSVOA\_L  
 ClientSampleId :  
 ICVVL052925

Quant Time: May 30 02:03:46 2025  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_L\methods\VL052925AIR.M  
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA\_L Fri Aug 26 06:05:16 2022  
 QLast Update : Fri May 30 02:01:56 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 | 9.742  | 2.6  | 98    | 0.00     |
| 50 T  | 4-Methyl-2-Pentanone      | 10.000 | 9.369  | 6.3  | 95    | 0.00     |
| 51 T  | 2-Hexanone                | 10.000 | 9.655  | 3.5  | 95    | 0.00     |
| 52 T  | Tetrachloroethene         | 10.000 | 8.925  | 10.7 | 97    | 0.00     |
| 53 T  | Toluene                   | 10.000 | 9.329  | 6.7  | 98    | 0.00     |
| 54 T  | 1,2-Dibromoethane         | 10.000 | 9.364  | 6.4  | 99    | 0.00     |
| ----- |                           |        |        |      |       |          |
| 55 I  | Chlorobenzene-d5          | 10.000 | 10.000 | 0.0  | 97    | 0.00     |
| 56    | 1,1,1,2-Tetrachloroethane | 10.000 | 9.199  | 8.0  | 96    | 0.00     |
| 57 T  | Chlorobenzene             | 10.000 | 9.054  | 9.5  | 98    | 0.00     |
| 58 T  | Ethyl Benzene             | 10.000 | 9.237  | 7.6  | 98    | 0.00     |
| 59 T  | m/p-Xylene                | 20.000 | 18.377 | 8.1  | 98    | 0.02     |
| 60 T  | o-Xylene                  | 10.000 | 9.069  | 9.3  | 98    | 0.00     |
| 61 T  | Styrene                   | 10.000 | 9.396  | 6.0  | 97    | 0.00     |
| 62    | Isopropylbenzene          | 10.000 | 9.051  | 9.5  | 97    | 0.00     |
| 63 T  | 1,1,2,2-Tetrachloroethane | 10.000 | 8.749  | 12.5 | 99    | 0.00     |
| 64    | n-propylbenzene           | 10.000 | 9.054  | 9.5  | 98    | 0.00     |
| 65    | tert-Butylbenzene         | 10.000 | 8.758  | 12.4 | 96    | 0.00     |
| 66 T  | Benzyl Chloride           | 10.000 | 9.435  | 5.6  | 87    | 0.00     |
| 67    | sec-Butylbenzene          | 10.000 | 8.781  | 12.2 | 97    | 0.00     |
| 68 S  | 1-Bromo-4-Fluorobenzene   | 10.000 | 9.852  | 1.5  | 96    | 0.00     |
| 69    | p-Isopropyltoluene        | 10.000 | 8.844  | 11.6 | 96    | 0.00     |
| 70    | n-Butylbenzene            | 10.000 | 8.998  | 10.0 | 98    | 0.00     |
| 71    | 2-Chlorotoluene           | 10.000 | 9.119  | 8.8  | 98    | 0.00     |
| 72 T  | 4-Ethyltoluene            | 10.000 | 9.012  | 9.9  | 98    | 0.00     |
| 73 T  | 1,3,5-Trimethylbenzene    | 10.000 | 9.131  | 8.7  | 98    | 0.00     |
| 74 T  | 1,2,4-Trimethylbenzene    | 10.000 | 8.842  | 11.6 | 97    | 0.00     |
| 75 T  | 1,3-Dichlorobenzene       | 10.000 | 8.886  | 11.1 | 98    | 0.00     |
| 76 T  | 1,4-Dichlorobenzene       | 10.000 | 9.034  | 9.7  | 98    | 0.00     |
| 77 T  | 1,2-Dichlorobenzene       | 10.000 | 8.754  | 12.5 | 98    | 0.00     |
| 78 T  | Hexachloro-1,3-Butadiene  | 10.000 | 7.977  | 20.2 | 98    | 0.00     |
| 79 T  | Naphthalene               | 10.000 | 9.666  | 3.3  | 97    | 0.00     |
| 80 T  | Naphthalene,2-methyl-     | 10.000 | 10.853 | -8.5 | 95    | 0.00     |
| 81 T  | 1,2,4-Trichlorobenzene    | 10.000 | 8.978  | 10.2 | 95    | 0.00     |
| ----- |                           |        |        |      |       |          |

(#) = Out of Range

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