

Data File : VL037044.D  
 Acq On : 24 May 2021 10:13  
 Operator : SY/AP  
 Sample : VSTDCCC010  
 Misc : 400mL/MSVOA\_L  
 ALS Vial : 1 Sample Multiplier: 1

Instrument :  
 MSVOA\_L  
 LabSampleId :  
 VSTDCCC010

Quant Time: May 25 02:13:58 2021  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_L\METHODS\VL051821AIR.M  
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA\_L Tue May 18 12:00:15 2021  
 QLast Update : Tue May 18 12:00:15 2021  
 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 | 10.169 | -1.7  | 115   | 0.00     |
| 3    | Chlorodifluoromethane       | 10.000 | 10.296 | -3.0  | 116   | 0.00     |
| 4    | Chloromethane               | 10.000 | 10.411 | -4.1  | 113   | 0.00     |
| 5 T  | Vinyl Chloride              | 10.000 | 10.414 | -4.1  | 115   | 0.00     |
| 6 T  | Bromomethane                | 10.000 | 10.774 | -7.7  | 116   | 0.00     |
| 7    | Chloroethane                | 10.000 | 11.464 | -14.6 | 114   | 0.00     |
| 8 T  | Dichlorotetrafluoroethane   | 10.000 | 11.097 | -11.0 | 122   | 0.00     |
| 9 T  | Propene                     | 10.000 | 9.957  | 0.4   | 109   | 0.00     |
| 10 T | Heptane                     | 10.000 | 9.952  | 0.5   | 111   | 0.00     |
| 11 T | Trichlorofluoromethane      | 10.000 | 11.311 | -13.1 | 121   | 0.00     |
| 12 T | 1,1,2-Trichlorotrifluoroeth | 10.000 | 11.038 | -10.4 | 119   | 0.00     |
| 13   | Ethanol                     | 10.000 | 9.056  | 9.4   | 119   | 0.00     |
| 14 T | Bromoethene                 | 10.000 | 11.141 | -11.4 | 117   | 0.00     |
| 15 T | Acetone                     | 10.000 | 8.950  | 10.5  | 120   | 0.00     |
| 16 T | 1,3-Butadiene               | 10.000 | 10.675 | -6.8  | 115   | 0.00     |
| 17   | tert-Butyl alcohol          | 10.000 | 10.343 | -3.4  | 102   | 0.00     |
| 18 T | 1,1-Dichloroethene          | 10.000 | 11.023 | -10.2 | 119   | 0.00     |
| 19 T | Isopropyl Alcohol           | 10.000 | 9.706  | 2.9   | 108   | 0.00     |
| 20 T | Methylene Chloride          | 10.000 | 8.954  | 10.5  | 117   | 0.00     |
| 21 T | Allyl Chloride              | 10.000 | 10.575 | -5.7  | 113   | 0.00     |
| 22 T | trans-1,2-Dichloroethene    | 10.000 | 11.404 | -14.0 | 123   | 0.00     |
| 23 T | Vinyl Acetate               | 10.000 | 10.683 | -6.8  | 110   | 0.00     |
| 24 T | 1,1-Dichloroethane          | 10.000 | 10.952 | -9.5  | 113   | 0.00     |
| 25 T | Ethyl Acetate               | 10.000 | 10.114 | -1.1  | 113   | 0.00     |
| 26 T | Hexane                      | 10.000 | 9.808  | 1.9   | 114   | 0.00     |
| 27 T | Carbon Disulfide            | 10.000 | 10.510 | -5.1  | 109   | 0.00     |
| 28 T | Methyl tert-Butyl Ether     | 10.000 | 10.176 | -1.8  | 108   | 0.00     |
| 29 T | Chloroform                  | 10.000 | 10.674 | -6.7  | 117   | 0.00     |
| 30 T | Cyclohexane                 | 10.000 | 10.020 | -0.2  | 110   | 0.00     |
| 31 T | cis-1,2-Dichloroethene      | 10.000 | 10.556 | -5.6  | 114   | 0.00     |
| 32 T | 1,1,1-Trichloroethane       | 10.000 | 10.283 | -2.8  | 117   | 0.00     |
| 33 I | 1,4-Difluorobenzene         | 10.000 | 10.000 | 0.0   | 100   | 0.00     |
| 34 T | 2-Butanone                  | 10.000 | 10.987 | -9.9  | 117   | 0.00     |
| 35 T | Carbon Tetrachloride        | 10.000 | 10.458 | -4.6  | 119   | 0.00     |
| 36 T | Benzene                     | 10.000 | 10.021 | -0.2  | 111   | 0.00     |
| 37 T | 1,2-Dichloroethane          | 10.000 | 11.192 | -11.9 | 120   | 0.00     |
| 38 T | Trichloroethene             | 10.000 | 9.665  | 3.4   | 118   | 0.00     |
| 39 T | 1,2-Dichloropropane         | 10.000 | 9.869  | 1.3   | 108   | 0.00     |
| 40 T | 1,4-Dioxane                 | 10.000 | 9.777  | 2.2   | 126   | 0.00     |
| 41 T | Tetrahydrofuran             | 10.000 | 9.625  | 3.8   | 104   | 0.00     |
| 42 T | Bromodichloromethane        | 10.000 | 10.751 | -7.5  | 115   | 0.00     |
| 43   | Methyl Methacrylate         | 10.000 | 10.597 | -6.0  | 111   | 0.00     |
| 44 T | 2,2,4-Trimethylpentane      | 10.000 | 9.569  | 4.3   | 111   | 0.00     |
| 45 T | t-1,3-Dichloropropene       | 10.000 | 11.132 | -11.3 | 109   | 0.00     |

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 LabSampleId :  
 VSTDCCC010

Quant Time: May 25 02:13:58 2021  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_L\METHODS\VL051821AIR.M  
 Quant Title : AIR ANALYSIS BY METHOD T0-15 Instrument: MSVOA\_L Tue May 18 12:00:15 2021  
 QLast Update : Tue May 18 12:00:15 2021  
 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) |
|------|---------------------------|--------|--------|-------|-------|----------|
| 46 T | cis-1,3-Dichloropropene   | 10.000 | 10.670 | -6.7  | 108   | 0.00     |
| 47 T | 1,1,2-Trichloroethane     | 10.000 | 10.371 | -3.7  | 114   | 0.00     |
| 48 T | Dibromochloromethane      | 10.000 | 11.259 | -12.6 | 117   | 0.00     |
| 49 T | Bromoform                 | 10.000 | 11.447 | -14.5 | 115   | 0.00     |
| 50 T | 4-Methyl-2-Pentanone      | 10.000 | 10.339 | -3.4  | 111   | 0.00     |
| 51 T | 2-Hexanone                | 10.000 | 10.463 | -4.6  | 109   | 0.00     |
| 52 T | Tetrachloroethene         | 10.000 | 10.221 | -2.2  | 118   | 0.00     |
| 53 T | Toluene                   | 10.000 | 10.019 | -0.2  | 113   | 0.00     |
| 54 T | 1,2-Dibromoethane         | 10.000 | 10.779 | -7.8  | 115   | 0.00     |
| 55 I | Chlorobenzene-d5          | 10.000 | 10.000 | 0.0   | 102   | 0.00     |
| 56   | 1,1,1,2-Tetrachloroethane | 10.000 | 10.697 | -7.0  | 118   | 0.00     |
| 57 T | Chlorobenzene             | 10.000 | 10.289 | -2.9  | 115   | 0.00     |
| 58 T | Ethyl Benzene             | 10.000 | 10.193 | -1.9  | 114   | 0.00     |
| 59 T | m/p-Xylene                | 20.000 | 20.449 | -2.2  | 115   | 0.00     |
| 60 T | o-Xylene                  | 10.000 | 10.207 | -2.1  | 116   | 0.00     |
| 61 T | Styrene                   | 10.000 | 10.656 | -6.6  | 111   | 0.00     |
| 62   | Isopropylbenzene          | 10.000 | 10.021 | -0.2  | 115   | 0.00     |
| 63 T | 1,1,2,2-Tetrachloroethane | 10.000 | 9.388  | 6.1   | 115   | 0.00     |
| 64   | n-propylbenzene           | 10.000 | 10.656 | -6.6  | 115   | 0.00     |
| 65   | tert-Butylbenzene         | 10.000 | 10.146 | -1.5  | 118   | 0.00     |
| 66 T | Benzyl Chloride           | 10.000 | 9.523  | 4.8   | 95    | 0.00     |
| 67   | sec-Butylbenzene          | 10.000 | 10.069 | -0.7  | 116   | 0.00     |
| 68 S | 1-Bromo-4-Fluorobenzene   | 10.000 | 9.985  | 0.2   | 96    | 0.00     |
| 69   | p-Isopropyltoluene        | 10.000 | 10.316 | -3.2  | 117   | 0.00     |
| 70   | n-Butylbenzene            | 10.000 | 10.581 | -5.8  | 116   | 0.00     |
| 71   | 2-Chlorotoluene           | 10.000 | 10.298 | -3.0  | 114   | 0.00     |
| 72 T | 4-Ethyltoluene            | 10.000 | 10.557 | -5.6  | 114   | 0.00     |
| 73 T | 1,3,5-Trimethylbenzene    | 10.000 | 10.401 | -4.0  | 117   | 0.00     |
| 74 T | 1,2,4-Trimethylbenzene    | 10.000 | 10.459 | -4.6  | 118   | 0.00     |
| 75 T | 1,3-Dichlorobenzene       | 10.000 | 10.468 | -4.7  | 115   | 0.00     |
| 76 T | 1,4-Dichlorobenzene       | 10.000 | 10.265 | -2.7  | 118   | 0.00     |
| 77 T | 1,2-Dichlorobenzene       | 10.000 | 10.477 | -4.8  | 118   | 0.00     |
| 78 T | Hexachloro-1,3-Butadiene  | 10.000 | 9.298  | 7.0   | 115   | 0.00     |
| 79 T | Naphthalene               | 10.000 | 11.698 | -17.0 | 111   | 0.00     |
| 80 T | Naphthalene,2-methyl-     | 10.000 | 11.863 | -18.6 | 116   | 0.00     |
| 81 T | 1,2,4-Trichlorobenzene    | 10.000 | 11.085 | -10.9 | 114   | 0.00     |

(#) = Out of Range

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