

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_L\Data\VL090722\  
 Data File : VL039614.D  
 Acq On : 7 Sep 2022 10:44  
 Operator : SY/AP  
 Sample : VISTCCC010  
 Misc : 400mL/MSVOA\_L  
 ALS Vial : 1 Sample Multiplier: 1

Instrument :  
 MSVOA\_L  
 LabSampleId :  
 VSTDCCC010

Quant Time: Sep 08 05:18:18 2022  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_L\METHODS\VL081722AIR.M  
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA\_L Fri Aug 26 06:05:16 2022  
 QLast Update : Fri Aug 26 06:05:16 2022  
 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    | 94    | 0.00     |
| 2 T  | Dichlorodifluoromethane     | 10.000 | 6.355  | 36.4#  | 75    | 0.00     |
| 3    | Chlorodifluoromethane       | 10.000 | 9.873  | 1.3    | 105   | 0.00     |
| 4    | Chloromethane               | 10.000 | 10.345 | -3.5   | 109   | 0.00     |
| 5 T  | Vinyl Chloride              | 10.000 | 10.984 | -9.8   | 109   | 0.00     |
| 6 T  | Bromomethane                | 10.000 | 10.378 | -3.8   | 113   | 0.00     |
| 7    | Chloroethane                | 10.000 | 10.196 | -2.0   | 107   | 0.00     |
| 8 T  | Dichlorotetrafluoroethane   | 10.000 | 8.984  | 10.2   | 92    | 0.00     |
| 9 T  | Propene                     | 10.000 | 10.449 | -4.5   | 113   | 0.00     |
| 10 T | Heptane                     | 10.000 | 11.059 | -10.6  | 107   | 0.00     |
| 11 T | Trichlorofluoromethane      | 10.000 | 10.003 | -0.0   | 105   | 0.00     |
| 12 T | 1,1,2-Trichlorotrifluoroeth | 10.000 | 10.239 | -2.4   | 109   | 0.00     |
| 13   | Ethanol                     | 10.000 | 11.906 | -19.1  | 154   | 0.00     |
| 14 T | Bromoethene                 | 10.000 | 10.756 | -7.6   | 107   | 0.00     |
| 15 T | Acetone                     | 10.000 | 10.227 | -2.3   | 110   | 0.00     |
| 16 T | 1,3-Butadiene               | 10.000 | 10.655 | -6.5   | 108   | 0.00     |
| 17   | tert-Butyl alcohol          | 10.000 | 11.519 | -15.2  | 117   | 0.00     |
| 18 T | 1,1-Dichloroethene          | 10.000 | 10.143 | -1.4   | 106   | 0.00     |
| 19 T | Isopropyl Alcohol           | 10.000 | 12.150 | -21.5  | 121   | 0.00     |
| 20 T | Methylene Chloride          | 10.000 | 9.397  | 6.0    | 110   | 0.00     |
| 21 T | Allyl Chloride              | 10.000 | 10.741 | -7.4   | 106   | 0.00     |
| 22 T | trans-1,2-Dichloroethene    | 10.000 | 10.630 | -6.3   | 112   | 0.00     |
| 23 T | Vinyl Acetate               | 10.000 | 11.613 | -16.1  | 113   | 0.00     |
| 24 T | 1,1-Dichloroethane          | 10.000 | 10.822 | -8.2   | 110   | 0.00     |
| 25 T | Ethyl Acetate               | 10.000 | 10.397 | -4.0   | 107   | 0.00     |
| 26 T | Hexane                      | 10.000 | 10.472 | -4.7   | 109   | 0.00     |
| 27 T | Carbon Disulfide            | 10.000 | 11.963 | -19.6  | 112   | 0.00     |
| 28 T | Methyl tert-Butyl Ether     | 10.000 | 10.812 | -8.1   | 116   | 0.00     |
| 29 T | Chloroform                  | 10.000 | 10.196 | -2.0   | 106   | 0.00     |
| 30 T | Cyclohexane                 | 10.000 | 10.803 | -8.0   | 111   | 0.00     |
| 31 T | cis-1,2-Dichloroethene      | 10.000 | 10.645 | -6.4   | 107   | 0.00     |
| 32 T | 1,1,1-Trichloroethane       | 10.000 | 11.241 | -12.4  | 106   | 0.00     |
| 33 I | 1,4-Difluorobenzene         | 10.000 | 10.000 | 0.0    | 92    | 0.00     |
| 34 T | 2-Butanone                  | 10.000 | 9.812  | 1.9    | 97    | 0.00     |
| 35 T | Carbon Tetrachloride        | 10.000 | 11.221 | -12.2  | 103   | 0.00     |
| 36 T | Benzene                     | 10.000 | 11.038 | -10.4  | 108   | 0.00     |
| 37 T | 1,2-Dichloroethane          | 10.000 | 10.486 | -4.9   | 103   | 0.00     |
| 38 T | Trichloroethene             | 10.000 | 11.252 | -12.5  | 105   | 0.00     |
| 39 T | 1,2-Dichloropropane         | 10.000 | 11.056 | -10.6  | 109   | 0.00     |
| 40 T | 1,4-Dioxane                 | 10.000 | 9.721  | 2.8    | 95    | 0.00     |
| 41 T | Tetrahydrofuran             | 10.000 | 11.817 | -18.2  | 114   | 0.00     |
| 42 T | Bromodichloromethane        | 10.000 | 11.224 | -12.2  | 106   | 0.00     |
| 43   | Methyl Methacrylate         | 10.000 | 11.980 | -19.8  | 106   | 0.00     |
| 44 T | 2,2,4-Trimethylpentane      | 10.000 | 10.868 | -8.7   | 107   | 0.00     |
| 45 T | t-1,3-Dichloropropene       | 10.000 | 13.301 | -33.0# | 107   | 0.00     |
| 46 T | cis-1,3-Dichloropropene     | 10.000 | 13.015 | -30.2# | 106   | 0.00     |
| 47 T | 1,1,2-Trichloroethane       | 10.000 | 10.256 | -2.6   | 103   | 0.00     |
| 48 T | Dibromochloromethane        | 10.000 | 11.754 | -17.5  | 102   | 0.00     |

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 Sample : VISTCCC010  
 Misc : 400mL/MSVOA\_L  
 ALS Vial : 1 Sample Multiplier: 1

Instrument :  
 MSVOA\_L  
 LabSampleId :  
 VSTDCCC010

Quant Time: Sep 08 05:18:18 2022  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_L\METHODS\VL081722AIR.M  
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA\_L Fri Aug 26 06:05:16 2022  
 QLast Update : Fri Aug 26 06:05:16 2022  
 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 | 11.796 | -18.0  | 100   | 0.00     |
| 50 T | 4-Methyl-2-Pentanone      | 10.000 | 11.140 | -11.4  | 103   | 0.00     |
| 51 T | 2-Hexanone                | 10.000 | 11.733 | -17.3  | 102   | 0.00     |
| 52 T | Tetrachloroethene         | 10.000 | 10.950 | -9.5   | 107   | 0.00     |
| 53 T | Toluene                   | 10.000 | 11.430 | -14.3  | 105   | 0.00     |
| 54 T | 1,2-Dibromoethane         | 10.000 | 11.272 | -12.7  | 103   | 0.00     |
| 55 I | Chlorobenzene-d5          | 10.000 | 10.000 | 0.0    | 91    | 0.00     |
| 56   | 1,1,1,2-Tetrachloroethane | 10.000 | 10.168 | -1.7   | 101   | 0.00     |
| 57 T | Chlorobenzene             | 10.000 | 9.975  | 0.3    | 104   | 0.00     |
| 58 T | Ethyl Benzene             | 10.000 | 11.179 | -11.8  | 104   | 0.00     |
| 59 T | m/p-Xylene                | 20.000 | 20.935 | -4.7   | 103   | 0.00     |
| 60 T | o-Xylene                  | 10.000 | 10.393 | -3.9   | 101   | 0.00     |
| 61 T | Styrene                   | 10.000 | 12.087 | -20.9  | 103   | 0.00     |
| 62   | Isopropylbenzene          | 10.000 | 10.042 | -0.4   | 101   | 0.00     |
| 63 T | 1,1,2,2-Tetrachloroethane | 10.000 | 8.841  | 11.6   | 99    | 0.00     |
| 64   | n-propylbenzene           | 10.000 | 9.997  | 0.0    | 100   | 0.00     |
| 65   | tert-Butylbenzene         | 10.000 | 9.845  | 1.5    | 99    | 0.00     |
| 66 T | Benzyl Chloride           | 10.000 | 11.200 | -12.0  | 93    | 0.00     |
| 67   | sec-Butylbenzene          | 10.000 | 9.763  | 2.4    | 99    | 0.00     |
| 68 S | 1-Bromo-4-Fluorobenzene   | 10.000 | 9.768  | 2.3    | 89    | 0.00     |
| 69   | p-Isopropyltoluene        | 10.000 | 9.818  | 1.8    | 98    | 0.00     |
| 70   | n-Butylbenzene            | 10.000 | 9.837  | 1.6    | 97    | 0.00     |
| 71   | 2-Chlorotoluene           | 10.000 | 10.170 | -1.7   | 99    | 0.00     |
| 72 T | 4-Ethyltoluene            | 10.000 | 10.679 | -6.8   | 101   | 0.00     |
| 73 T | 1,3,5-Trimethylbenzene    | 10.000 | 10.254 | -2.5   | 99    | 0.00     |
| 74 T | 1,2,4-Trimethylbenzene    | 10.000 | 9.791  | 2.1    | 99    | 0.00     |
| 75 T | 1,3-Dichlorobenzene       | 10.000 | 9.663  | 3.4    | 98    | 0.00     |
| 76 T | 1,4-Dichlorobenzene       | 10.000 | 9.688  | 3.1    | 99    | 0.00     |
| 77 T | 1,2-Dichlorobenzene       | 10.000 | 9.438  | 5.6    | 97    | 0.00     |
| 78 T | Hexachloro-1,3-Butadiene  | 10.000 | 9.724  | 2.8    | 109   | 0.00     |
| 79 T | Naphthalene               | 10.000 | 13.756 | -37.6# | 113   | 0.00     |
| 80 T | Naphthalene,2-methyl-     | 10.000 | 12.380 | -23.8  | 92    | 0.00     |
| 81 T | 1,2,4-Trichlorobenzene    | 10.000 | 11.514 | -15.1  | 113   | 0.00     |

(#) = Out of Range

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