

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_L\Data\VL061522\  
 Data File : VL039318.D  
 Acq On : 16 Jun 2022 12:04  
 Operator : SY/AP  
 Sample : VSTDCCC010  
 Misc : 400mL/MSVOA\_L  
 ALS Vial : 1 Sample Multiplier: 1

Instrument :  
 MSVOA\_L  
 LabSampleId :  
 VSTDCCC010

Quant Time: Jun 16 12:39:22 2022  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_L\METHODS\VL053122AIR.M  
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA\_LWed Jun 01 01:22:18 2022  
 QLast Update : Wed Jun 01 01:22:18 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   | 96    | -0.02    |
| 2 T  | Dichlorodifluoromethane     | 10.000 | 7.493  | 25.1  | 84    | -0.02    |
| 3    | Chlorodifluoromethane       | 10.000 | 8.849  | 11.5  | 95    | -0.02    |
| 4    | Chloromethane               | 10.000 | 8.760  | 12.4  | 92    | -0.02    |
| 5 T  | Vinyl Chloride              | 10.000 | 9.328  | 6.7   | 94    | -0.01    |
| 6 T  | Bromomethane                | 10.000 | 8.789  | 12.1  | 94    | 0.00     |
| 7    | Chloroethane                | 10.000 | 10.070 | -0.7  | 103   | -0.02    |
| 8 T  | Dichlorotetrafluoroethane   | 10.000 | 8.712  | 12.9  | 92    | -0.02    |
| 9 T  | Propene                     | 10.000 | 8.989  | 10.1  | 98    | -0.01    |
| 10 T | Heptane                     | 10.000 | 10.113 | -1.1  | 103   | -0.02    |
| 11 T | Trichlorofluoromethane      | 10.000 | 8.347  | 16.5  | 91    | -0.02    |
| 12 T | 1,1,2-Trichlorotrifluoroeth | 10.000 | 9.380  | 6.2   | 99    | -0.02    |
| 13   | Ethanol                     | 10.000 | 10.493 | -4.9  | 109   | -0.02    |
| 14 T | Bromoethene                 | 10.000 | 8.757  | 12.4  | 90    | 0.00     |
| 15 T | Acetone                     | 10.000 | 11.142 | -11.4 | 123   | -0.02    |
| 16 T | 1,3-Butadiene               | 10.000 | 10.058 | -0.6  | 103   | -0.01    |
| 17   | tert-Butyl alcohol          | 10.000 | 12.285 | -22.9 | 120   | -0.02    |
| 18 T | 1,1-Dichloroethene          | 10.000 | 9.634  | 3.7   | 101   | -0.02    |
| 19 T | Isopropyl Alcohol           | 10.000 | 10.539 | -5.4  | 102   | 0.00     |
| 20 T | Methylene Chloride          | 10.000 | 8.377  | 16.2  | 106   | -0.02    |
| 21 T | Allyl Chloride              | 10.000 | 9.996  | 0.0   | 103   | -0.02    |
| 22 T | trans-1,2-Dichloroethene    | 10.000 | 10.099 | -1.0  | 101   | -0.02    |
| 23 T | Vinyl Acetate               | 10.000 | 8.577  | 14.2  | 80    | -0.02    |
| 24 T | 1,1-Dichloroethane          | 10.000 | 7.966  | 20.3  | 86    | -0.02    |
| 25 T | Ethyl Acetate               | 10.000 | 10.550 | -5.5  | 111   | -0.02    |
| 26 T | Hexane                      | 10.000 | 9.442  | 5.6   | 99    | -0.02    |
| 27 T | Carbon Disulfide            | 10.000 | 9.626  | 3.7   | 92    | -0.02    |
| 28 T | Methyl tert-Butyl Ether     | 10.000 | 8.074  | 19.3  | 87    | -0.02    |
| 29 T | Chloroform                  | 10.000 | 8.365  | 16.3  | 88    | -0.02    |
| 30 T | Cyclohexane                 | 10.000 | 9.702  | 3.0   | 103   | -0.02    |
| 31 T | cis-1,2-Dichloroethene      | 10.000 | 9.012  | 9.9   | 93    | -0.02    |
| 32 T | 1,1,1-Trichloroethane       | 10.000 | 8.467  | 15.3  | 85    | -0.02    |
| 33 I | 1,4-Difluorobenzene         | 10.000 | 10.000 | 0.0   | 108   | -0.02    |
| 34 T | 2-Butanone                  | 10.000 | 8.980  | 10.2  | 98    | -0.02    |
| 35 T | Carbon Tetrachloride        | 10.000 | 7.324  | 26.8  | 82    | -0.02    |
| 36 T | Benzene                     | 10.000 | 8.962  | 10.4  | 102   | -0.02    |
| 37 T | 1,2-Dichloroethane          | 10.000 | 7.227  | 27.7  | 81    | -0.02    |
| 38 T | Trichloroethene             | 10.000 | 8.406  | 15.9  | 90    | -0.02    |
| 39 T | 1,2-Dichloropropane         | 10.000 | 8.522  | 14.8  | 98    | -0.02    |
| 40 T | 1,4-Dioxane                 | 10.000 | 9.510  | 4.9   | 107   | -0.02    |
| 41 T | Tetrahydrofuran             | 10.000 | 8.901  | 11.0  | 100   | -0.02    |
| 42 T | Bromodichloromethane        | 10.000 | 7.576  | 24.2  | 85    | -0.02    |
| 43   | Methyl Methacrylate         | 10.000 | 9.732  | 2.7   | 103   | -0.02    |
| 44 T | 2,2,4-Trimethylpentane      | 10.000 | 8.613  | 13.9  | 100   | -0.02    |
| 45 T | t-1,3-Dichloropropene       | 10.000 | 7.046  | 29.5  | 65    | -0.02    |
| 46 T | cis-1,3-Dichloropropene     | 10.000 | 7.562  | 24.4  | 76    | -0.02    |
| 47 T | 1,1,2-Trichloroethane       | 10.000 | 8.926  | 10.7  | 100   | -0.02    |
| 48 T | Dibromochloromethane        | 10.000 | 8.205  | 17.9  | 87    | -0.02    |

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_L\Data\VL061522\  
 Data File : VL039318.D  
 Acq On : 16 Jun 2022 12:04  
 Operator : SY/AP  
 Sample : VSTDCCC010  
 Misc : 400mL/MSVOA\_L  
 ALS Vial : 1 Sample Multiplier: 1

Instrument :  
 MSVOA\_L  
 LabSampleId :  
 VSTDCCC010

Quant Time: Jun 16 12:39:22 2022  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_L\METHODS\VL053122AIR.M  
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA\_LWed Jun 01 01:22:18 2022  
 QLast Update : Wed Jun 01 01:22:18 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 | 8.481  | 15.2  | 90    | -0.02    |
| 50 T | 4-Methyl-2-Pentanone      | 10.000 | 9.200  | 8.0   | 99    | -0.02    |
| 51 T | 2-Hexanone                | 10.000 | 9.200  | 8.0   | 100   | -0.02    |
| 52 T | Tetrachloroethene         | 10.000 | 9.069  | 9.3   | 106   | -0.02    |
| 53 T | Toluene                   | 10.000 | 9.364  | 6.4   | 105   | -0.02    |
| 54 T | 1,2-Dibromoethane         | 10.000 | 9.335  | 6.6   | 101   | -0.02    |
| 55 I | Chlorobenzene-d5          | 10.000 | 10.000 | 0.0   | 105   | -0.02    |
| 56   | 1,1,1,2-Tetrachloroethane | 10.000 | 8.744  | 12.6  | 101   | -0.02    |
| 57 T | Chlorobenzene             | 10.000 | 9.238  | 7.6   | 107   | -0.02    |
| 58 T | Ethyl Benzene             | 10.000 | 9.116  | 8.8   | 104   | -0.02    |
| 59 T | m/p-Xylene                | 20.000 | 17.524 | 12.4  | 102   | -0.02    |
| 60 T | o-Xylene                  | 10.000 | 8.897  | 11.0  | 103   | -0.02    |
| 61 T | Styrene                   | 10.000 | 9.802  | 2.0   | 106   | -0.02    |
| 62   | Isopropylbenzene          | 10.000 | 9.296  | 7.0   | 110   | -0.02    |
| 63 T | 1,1,2,2-Tetrachloroethane | 10.000 | 10.108 | -1.1  | 122   | -0.02    |
| 64   | n-propylbenzene           | 10.000 | 10.059 | -0.6  | 113   | -0.02    |
| 65   | tert-Butylbenzene         | 10.000 | 9.279  | 7.2   | 110   | -0.02    |
| 66 T | Benzyl Chloride           | 10.000 | 4.579  | 54.2# | 40    | -0.02    |
| 67   | sec-Butylbenzene          | 10.000 | 9.409  | 5.9   | 109   | -0.02    |
| 68 S | 1-Bromo-4-Fluorobenzene   | 10.000 | 9.370  | 6.3   | 101   | -0.02    |
| 69   | p-Isopropyltoluene        | 10.000 | 9.679  | 3.2   | 113   | -0.02    |
| 70   | n-Butylbenzene            | 10.000 | 9.352  | 6.5   | 106   | -0.02    |
| 71   | 2-Chlorotoluene           | 10.000 | 9.107  | 8.9   | 106   | -0.02    |
| 72 T | 4-Ethyltoluene            | 10.000 | 9.503  | 5.0   | 108   | -0.02    |
| 73 T | 1,3,5-Trimethylbenzene    | 10.000 | 9.434  | 5.7   | 107   | -0.02    |
| 74 T | 1,2,4-Trimethylbenzene    | 10.000 | 9.170  | 8.3   | 106   | -0.02    |
| 75 T | 1,3-Dichlorobenzene       | 10.000 | 9.723  | 2.8   | 110   | -0.02    |
| 76 T | 1,4-Dichlorobenzene       | 10.000 | 9.484  | 5.2   | 111   | -0.02    |
| 77 T | 1,2-Dichlorobenzene       | 10.000 | 9.425  | 5.7   | 110   | -0.02    |
| 78 T | Hexachloro-1,3-Butadiene  | 10.000 | 8.061  | 19.4  | 101   | -0.02    |
| 79 T | Naphthalene               | 10.000 | 10.434 | -4.3  | 101   | -0.03    |
| 80 T | Naphthalene,2-methyl-     | 10.000 | 7.502  | 25.0  | 62    | -0.02    |
| 81 T | 1,2,4-Trichlorobenzene    | 10.000 | 9.176  | 8.2   | 100   | -0.02    |

(#) = Out of Range

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