

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_U\Data\U060721\  
 Data File : U044062.D  
 Acq On : 07 Jun 2021 17:55  
 Operator : SY/MD  
 Sample : VSTDCCC050  
 Misc : 5.0mL/MSVOA\_U/WATER  
 ALS Vial : 11 Sample Multiplier: 1

Instrument :  
 MSVOA\_U  
 LabSampleId :  
 VSTDCCC050

Quant Time: Jun 08 17:41:15 2021  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_U\Method\82U060721W.M  
 Quant Title : SW846 8260  
 QLast Update : Tue Jun 08 17:38:51 2021  
 Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min  
 Max. RRF Dev : 20% Max. Rel. Area : 150%

|       | Compound                    | Amount  | Calc.   | %Dev  | Area% | Dev(min) |
|-------|-----------------------------|---------|---------|-------|-------|----------|
| 1 I   | Pentafluorobenzene          | 50.000  | 50.000  | 0.0   | 106   | 0.00     |
| 2 T   | Dichlorodifluoromethane     | 50.000  | 47.448  | 5.1   | 100   | 0.00     |
| 3 P   | Chloromethane               | 50.000  | 49.107  | 1.8   | 98    | 0.00     |
| 4 C   | Vinyl Chloride              | 50.000  | 45.670  | 8.7#  | 97    | 0.00     |
| 5 T   | Bromomethane                | 50.000  | 56.634  | -13.3 | 109   | 0.00     |
| 6 T   | Chloroethane                | 50.000  | 46.042  | 7.9   | 98    | 0.00     |
| 7 T   | Trichlorofluoromethane      | 50.000  | 46.813  | 6.4   | 100   | 0.00     |
| 8 T   | Diethyl Ether               | 50.000  | 48.490  | 3.0   | 105   | 0.00     |
| 9 T   | 1,1,2-Trichlorotrifluoroeth | 50.000  | 46.320  | 7.4   | 101   | 0.00     |
| 10 T  | Methyl Iodide               | 50.000  | 48.626  | 2.7   | 96    | 0.00     |
| 11 T  | Tert butyl alcohol          | 250.000 | 262.763 | -5.1  | 111   | 0.00     |
| 12 CM | 1,1-Dichloroethene          | 50.000  | 48.381  | 3.2#  | 101   | 0.00     |
| 13 T  | Acrolein                    | 250.000 | 221.928 | 11.2  | 95    | 0.00     |
| 14 T  | Allyl chloride              | 50.000  | 48.654  | 2.7   | 102   | 0.00     |
| 15 T  | Acrylonitrile               | 250.000 | 262.453 | -5.0  | 105   | 0.00     |
| 16 T  | Acetone                     | 250.000 | 228.384 | 8.6   | 105   | 0.00     |
| 17 T  | Carbon Disulfide            | 50.000  | 46.354  | 7.3   | 98    | 0.00     |
| 18 T  | Methyl Acetate              | 50.000  | 52.629  | -5.3  | 106   | 0.00     |
| 19 T  | Methyl tert-butyl Ether     | 50.000  | 53.704  | -7.4  | 108   | 0.00     |
| 20 T  | Methylene Chloride          | 50.000  | 51.398  | -2.8  | 102   | 0.00     |
| 21 T  | trans-1,2-Dichloroethene    | 50.000  | 49.130  | 1.7   | 102   | 0.00     |
| 22 T  | Diisopropyl ether           | 50.000  | 51.880  | -3.8  | 102   | 0.00     |
| 23 T  | Vinyl Acetate               | 250.000 | 273.662 | -9.5  | 105   | 0.00     |
| 24 P  | 1,1-Dichloroethane          | 50.000  | 47.329  | 5.3   | 100   | 0.00     |
| 25 T  | 2-Butanone                  | 250.000 | 259.191 | -3.7  | 105   | 0.00     |
| 26 T  | 2,2-Dichloropropane         | 50.000  | 49.091  | 1.8   | 103   | 0.00     |
| 27 T  | cis-1,2-Dichloroethene      | 50.000  | 49.508  | 1.0   | 102   | 0.00     |
| 28 T  | Bromochloromethane          | 50.000  | 47.776  | 4.4   | 98    | 0.00     |
| 29 T  | Tetrahydrofuran             | 250.000 | 268.232 | -7.3  | 104   | 0.00     |
| 30 C  | Chloroform                  | 50.000  | 47.560  | 4.9#  | 101   | 0.00     |
| 31 T  | Cyclohexane                 | 50.000  | 46.965  | 6.1   | 102   | 0.00     |
| 32 T  | 1,1,1-Trichloroethane       | 50.000  | 47.909  | 4.2   | 101   | 0.00     |
| 33 S  | 1,2-Dichloroethane-d4       | 50.000  | 48.064  | 3.9   | 102   | 0.00     |
| 34 I  | 1,4-Difluorobenzene         | 50.000  | 50.000  | 0.0   | 105   | 0.00     |
| 35 S  | Dibromofluoromethane        | 50.000  | 47.845  | 4.3   | 100   | 0.00     |
| 36 T  | 1,1-Dichloropropene         | 50.000  | 48.757  | 2.5   | 101   | 0.00     |
| 37 T  | Ethyl Acetate               | 50.000  | 52.584  | -5.2  | 105   | 0.00     |
| 38 T  | Carbon Tetrachloride        | 50.000  | 48.087  | 3.8   | 101   | 0.00     |
| 39 T  | Methylcyclohexane           | 50.000  | 50.846  | -1.7  | 104   | 0.00     |
| 40 TM | Benzene                     | 50.000  | 48.409  | 3.2   | 100   | 0.00     |
| 41 T  | Methacrylonitrile           | 50.000  | 54.288  | -8.6  | 106   | 0.00     |
| 42 TM | 1,2-Dichloroethane          | 50.000  | 49.445  | 1.1   | 103   | 0.00     |
| 43 T  | Isopropyl Acetate           | 50.000  | 53.343  | -6.7  | 108   | 0.00     |
| 44 TM | Trichloroethene             | 50.000  | 49.023  | 2.0   | 103   | 0.00     |
| 45 C  | 1,2-Dichloropropane         | 50.000  | 49.008  | 2.0#  | 103   | 0.00     |
| 46 T  | Dibromomethane              | 50.000  | 48.972  | 2.1   | 102   | 0.00     |
| 47 T  | Bromodichloromethane        | 50.000  | 49.309  | 1.4   | 101   | 0.00     |
| 48 T  | Methyl methacrylate         | 50.000  | 53.774  | -7.5  | 105   | 0.00     |

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 Sample : VSTDCCC050  
 Misc : 5.0mL/MSVOA\_U/WATER  
 ALS Vial : 11 Sample Multiplier: 1

Instrument :  
 MSVOA\_U  
 LabSampleId :  
 VSTDCCC050

Quant Time: Jun 08 17:41:15 2021  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_U\Method\82U060721W.M  
 Quant Title : SW846 8260  
 QLast Update : Tue Jun 08 17:38:51 2021  
 Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min  
 Max. RRF Dev : 20% Max. Rel. Area : 150%

|       | Compound                    | Amount   | Calc.    | %Dev  | Area% | Dev(min) |
|-------|-----------------------------|----------|----------|-------|-------|----------|
| 49 T  | 1,4-Dioxane                 | 1000.000 | 1126.072 | -12.6 | 110   | 0.00     |
| 50 S  | Toluene-d8                  | 50.000   | 48.438   | 3.1   | 100   | 0.00     |
| 51 T  | 4-Methyl-2-Pentanone        | 250.000  | 267.585  | -7.0  | 105   | 0.00     |
| 52 CM | Toluene                     | 50.000   | 50.726   | -1.5# | 101   | 0.00     |
| 53 T  | t-1,3-Dichloropropene       | 50.000   | 52.718   | -5.4  | 105   | 0.00     |
| 54 T  | cis-1,3-Dichloropropene     | 50.000   | 51.501   | -3.0  | 104   | 0.00     |
| 55 T  | 1,1,2-Trichloroethane       | 50.000   | 48.854   | 2.3   | 102   | 0.00     |
| 56 T  | Ethyl methacrylate          | 50.000   | 47.960   | 4.1   | 107   | 0.00     |
| 57 T  | 1,3-Dichloropropane         | 50.000   | 49.897   | 0.2   | 103   | 0.00     |
| 58 T  | 2-Chloroethyl Vinyl ether   | 250.000  | 250.354  | -0.1  | 115   | 0.00     |
| 59 T  | 2-Hexanone                  | 250.000  | 273.006  | -9.2  | 105   | 0.00     |
| 60 T  | Dibromochloromethane        | 50.000   | 49.657   | 0.7   | 104   | 0.00     |
| 61 T  | 1,2-Dibromoethane           | 50.000   | 51.405   | -2.8  | 105   | 0.00     |
| 62 S  | 4-Bromofluorobenzene        | 50.000   | 48.883   | 2.2   | 104   | 0.00     |
| 63 I  | Chlorobenzene-d5            | 50.000   | 50.000   | 0.0   | 104   | 0.00     |
| 64 T  | Tetrachloroethene           | 50.000   | 51.388   | -2.8  | 101   | 0.00     |
| 65 PM | Chlorobenzene               | 50.000   | 49.396   | 1.2   | 102   | 0.00     |
| 66 T  | 1,1,1,2-Tetrachloroethane   | 50.000   | 49.688   | 0.6   | 102   | 0.00     |
| 67 C  | Ethyl Benzene               | 50.000   | 52.218   | -4.4# | 103   | 0.00     |
| 68 T  | m/p-Xylenes                 | 100.000  | 105.675  | -5.7  | 102   | 0.00     |
| 69 T  | o-Xylene                    | 50.000   | 52.902   | -5.8  | 102   | 0.00     |
| 70 T  | Styrene                     | 50.000   | 54.612   | -9.2  | 103   | 0.00     |
| 71 P  | Bromoform                   | 50.000   | 50.272   | -0.5  | 103   | 0.00     |
| 72 I  | 1,4-Dichlorobenzene-d4      | 50.000   | 50.000   | 0.0   | 104   | 0.00     |
| 73 T  | Isopropylbenzene            | 50.000   | 52.845   | -5.7  | 103   | 0.00     |
| 74 T  | N-ethyl acetate             | 50.000   | 56.720   | -13.4 | 109   | 0.00     |
| 75 P  | 1,1,2,2-Tetrachloroethane   | 50.000   | 49.631   | 0.7   | 104   | 0.00     |
| 76 T  | 1,2,3-Trichloropropane      | 50.000   | 51.812   | -3.6  | 103   | 0.00     |
| 77 T  | Bromobenzene                | 50.000   | 50.828   | -1.7  | 102   | 0.00     |
| 78 T  | n-propylbenzene             | 50.000   | 52.476   | -5.0  | 102   | 0.00     |
| 79 T  | 2-Chlorotoluene             | 50.000   | 50.769   | -1.5  | 102   | 0.00     |
| 80 T  | 1,3,5-Trimethylbenzene      | 50.000   | 53.791   | -7.6  | 103   | 0.00     |
| 81 T  | trans-1,4-Dichloro-2-butene | 50.000   | 52.653   | -5.3  | 106   | 0.00     |
| 82 T  | 4-Chlorotoluene             | 50.000   | 52.259   | -4.5  | 102   | 0.00     |
| 83 T  | tert-Butylbenzene           | 50.000   | 52.769   | -5.5  | 103   | 0.00     |
| 84 T  | 1,2,4-Trimethylbenzene      | 50.000   | 50.524   | -1.0  | 104   | 0.00     |
| 85 T  | sec-Butylbenzene            | 50.000   | 53.618   | -7.2  | 103   | 0.00     |
| 86 T  | p-Isopropyltoluene          | 50.000   | 54.899   | -9.8  | 103   | 0.00     |
| 87 T  | 1,3-Dichlorobenzene         | 50.000   | 50.591   | -1.2  | 104   | 0.00     |
| 88 T  | 1,4-Dichlorobenzene         | 50.000   | 48.974   | 2.1   | 105   | 0.00     |
| 89 T  | n-Butylbenzene              | 50.000   | 53.635   | -7.3  | 104   | 0.00     |
| 90 T  | Hexachloroethane            | 50.000   | 47.629   | 4.7   | 100   | 0.00     |
| 91 T  | 1,2-Dichlorobenzene         | 50.000   | 50.778   | -1.6  | 104   | 0.00     |
| 92 T  | 1,2-Dibromo-3-Chloropropane | 50.000   | 52.722   | -5.4  | 106   | 0.00     |
| 93 T  | 1,2,4-Trichlorobenzene      | 50.000   | 54.999   | -10.0 | 106   | 0.00     |
| 94 T  | Hexachlorobutadiene         | 50.000   | 50.239   | -0.5  | 105   | 0.00     |
| 95 T  | Naphthalene                 | 50.000   | 50.617   | -1.2  | 106   | 0.00     |

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Sample : VSTDCCC050  
Misc : 5.0mL/MSVOA\_U/WATER  
ALS Vial : 11 Sample Multiplier: 1

Instrument :  
MSVOA\_U  
LabSampleId :  
VSTDCCC050

Quant Time: Jun 08 17:41:15 2021  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_U\Method\82U060721W.M  
Quant Title : SW846 8260  
QLast Update : Tue Jun 08 17:38:51 2021  
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min  
Max. RRF Dev : 20% Max. Rel. Area : 150%

|      | Compound               | Amount | Calc.  | %Dev  | Area% | Dev(min) |
|------|------------------------|--------|--------|-------|-------|----------|
| 96 T | 1,2,3-Trichlorobenzene | 50.000 | 56.014 | -12.0 | 106   | 0.00     |

(#) = Out of Range                      SPCC's out = 0    CCC's out = 6