

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_U\Data\VU061621\  
 Data File : VU044230.D  
 Acq On : 16 Jun 2021 09:50  
 Operator : SY/MD  
 Sample : VSTDCCC050  
 Misc : 5.0mL/MSVOA\_U/WATER  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 MSVOA\_U  
 LabSampleId :  
 VSTDCCC050

Quant Time: Jun 17 04:53:34 2021  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_U\Method\82U060921W.M  
 Quant Title : SW846 8260  
 QLast Update : Thu Jun 10 05:11:37 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    | 133   | 0.00     |
| 2 T   | Dichlorodifluoromethane     | 50.000  | 41.365  | 17.3   | 114   | 0.00     |
| 3 P   | Chloromethane               | 50.000  | 40.409  | 19.2   | 106   | 0.00     |
| 4 C   | Vinyl Chloride              | 50.000  | 40.366  | 19.3#  | 115   | 0.00     |
| 5 T   | Bromomethane                | 50.000  | 50.746  | -1.5   | 123   | 0.03     |
| 6 T   | Chloroethane                | 50.000  | 35.452  | 29.1#  | 94    | 0.01     |
| 7 T   | Trichlorofluoromethane      | 50.000  | 41.552  | 16.9   | 117   | 0.00     |
| 8 T   | Diethyl Ether               | 50.000  | 43.428  | 13.1   | 122   | 0.00     |
| 9 T   | 1,1,2-Trichlorotrifluoroeth | 50.000  | 43.886  | 12.2   | 125   | 0.00     |
| 10 T  | Methyl Iodide               | 50.000  | 49.603  | 0.8    | 126   | 0.00     |
| 11 T  | Tert butyl alcohol          | 250.000 | 190.070 | 24.0#  | 109   | 0.06     |
| 12 CM | 1,1-Dichloroethene          | 50.000  | 44.323  | 11.4#  | 125   | 0.00     |
| 13 T  | Acrolein                    | 250.000 | 136.146 | 45.5#  | 73    | 0.00     |
| 14 T  | Allyl chloride              | 50.000  | 41.613  | 16.8   | 116   | 0.00     |
| 15 T  | Acrylonitrile               | 250.000 | 228.269 | 8.7    | 122   | 0.00     |
| 16 T  | Acetone                     | 250.000 | 312.164 | -24.9# | 168   | 0.02     |
| 17 T  | Carbon Disulfide            | 50.000  | 41.027  | 17.9   | 118   | 0.00     |
| 18 T  | Methyl Acetate              | 50.000  | 46.032  | 7.9    | 125   | 0.00     |
| 19 T  | Methyl tert-butyl Ether     | 50.000  | 46.159  | 7.7    | 123   | 0.00     |
| 20 T  | Methylene Chloride          | 50.000  | 47.331  | 5.3    | 125   | 0.00     |
| 21 T  | trans-1,2-Dichloroethene    | 50.000  | 44.561  | 10.9   | 124   | 0.00     |
| 22 T  | Diisopropyl ether           | 50.000  | 42.587  | 14.8   | 114   | 0.00     |
| 23 T  | Vinyl Acetate               | 250.000 | 217.427 | 13.0   | 114   | 0.00     |
| 24 P  | 1,1-Dichloroethane          | 50.000  | 42.176  | 15.6   | 119   | 0.00     |
| 25 T  | 2-Butanone                  | 250.000 | 240.706 | 3.7    | 132   | 0.00     |
| 26 T  | 2,2-Dichloropropane         | 50.000  | 44.167  | 11.7   | 125   | 0.00     |
| 27 T  | cis-1,2-Dichloroethene      | 50.000  | 45.352  | 9.3    | 127   | 0.00     |
| 28 T  | Bromochloromethane          | 50.000  | 42.283  | 15.4   | 119   | 0.00     |
| 29 T  | Tetrahydrofuran             | 250.000 | 229.606 | 8.2    | 121   | 0.00     |
| 30 C  | Chloroform                  | 50.000  | 42.484  | 15.0#  | 120   | 0.00     |
| 31 T  | Cyclohexane                 | 50.000  | 41.124  | 17.8   | 117   | 0.00     |
| 32 T  | 1,1,1-Trichloroethane       | 50.000  | 43.504  | 13.0   | 122   | 0.00     |
| 33 S  | 1,2-Dichloroethane-d4       | 50.000  | 41.313  | 17.4   | 113   | 0.00     |
| 34 I  | 1,4-Difluorobenzene         | 50.000  | 50.000  | 0.0    | 128   | 0.00     |
| 35 S  | Dibromofluoromethane        | 50.000  | 47.529  | 4.9    | 123   | 0.00     |
| 36 T  | 1,1-Dichloropropene         | 50.000  | 46.182  | 7.6    | 122   | 0.00     |
| 37 T  | Ethyl Acetate               | 50.000  | 47.912  | 4.2    | 125   | 0.00     |
| 38 T  | Carbon Tetrachloride        | 50.000  | 47.551  | 4.9    | 124   | 0.00     |
| 39 T  | Methylcyclohexane           | 50.000  | 48.052  | 3.9    | 125   | 0.00     |
| 40 TM | Benzene                     | 50.000  | 45.349  | 9.3    | 119   | 0.00     |
| 41 T  | Methacrylonitrile           | 50.000  | 47.561  | 4.9    | 118   | 0.00     |
| 42 TM | 1,2-Dichloroethane          | 50.000  | 43.106  | 13.8   | 115   | 0.00     |
| 43 T  | Isopropyl Acetate           | 50.000  | 47.020  | 6.0    | 120   | 0.00     |
| 44 TM | Trichloroethene             | 50.000  | 49.810  | 0.4    | 131   | 0.00     |
| 45 C  | 1,2-Dichloropropane         | 50.000  | 43.884  | 12.2#  | 118   | 0.00     |
| 46 T  | Dibromomethane              | 50.000  | 46.132  | 7.7    | 123   | 0.00     |
| 47 T  | Bromodichloromethane        | 50.000  | 45.143  | 9.7    | 118   | 0.00     |
| 48 T  | Methyl methacrylate         | 50.000  | 46.442  | 7.1    | 117   | 0.00     |

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 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
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 LabSampleId :  
 VSTDCCC050

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 Quant Title : SW846 8260  
 QLast Update : Thu Jun 10 05:11:37 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 | 960.947 | 3.9  | 118   | 0.05     |
| 50 S  | Toluene-d8                  | 50.000   | 46.208  | 7.6  | 119   | 0.00     |
| 51 T  | 4-Methyl-2-Pentanone        | 250.000  | 229.196 | 8.3  | 114   | 0.00     |
| 52 CM | Toluene                     | 50.000   | 48.143  | 3.7# | 121   | 0.00     |
| 53 T  | t-1,3-Dichloropropene       | 50.000   | 47.872  | 4.3  | 122   | 0.00     |
| 54 T  | cis-1,3-Dichloropropene     | 50.000   | 48.676  | 2.6  | 124   | 0.00     |
| 55 T  | 1,1,2-Trichloroethane       | 50.000   | 45.864  | 8.3  | 120   | 0.00     |
| 56 T  | Ethyl methacrylate          | 50.000   | 50.218  | -0.4 | 121   | 0.00     |
| 57 T  | 1,3-Dichloropropane         | 50.000   | 45.553  | 8.9  | 119   | 0.00     |
| 58 T  | 2-Chloroethyl Vinyl ether   | 250.000  | 236.821 | 5.3  | 132   | 0.00     |
| 59 T  | 2-Hexanone                  | 250.000  | 234.452 | 6.2  | 117   | 0.00     |
| 60 T  | Dibromochloromethane        | 50.000   | 48.408  | 3.2  | 124   | 0.00     |
| 61 T  | 1,2-Dibromoethane           | 50.000   | 47.409  | 5.2  | 124   | 0.00     |
| 62 S  | 4-Bromofluorobenzene        | 50.000   | 46.013  | 8.0  | 120   | 0.00     |
| 63 I  | Chlorobenzene-d5            | 50.000   | 50.000  | 0.0  | 125   | 0.00     |
| 64 T  | Tetrachloroethene           | 50.000   | 52.190  | -4.4 | 134   | 0.00     |
| 65 PM | Chlorobenzene               | 50.000   | 48.382  | 3.2  | 125   | 0.00     |
| 66 T  | 1,1,1,2-Tetrachloroethane   | 50.000   | 48.842  | 2.3  | 124   | 0.00     |
| 67 C  | Ethyl Benzene               | 50.000   | 49.854  | 0.3# | 122   | 0.00     |
| 68 T  | m/p-Xylenes                 | 100.000  | 102.284 | -2.3 | 123   | 0.00     |
| 69 T  | o-Xylene                    | 50.000   | 51.255  | -2.5 | 123   | 0.00     |
| 70 T  | Styrene                     | 50.000   | 50.988  | -2.0 | 120   | 0.00     |
| 71 P  | Bromoform                   | 50.000   | 50.160  | -0.3 | 125   | 0.00     |
| 72 I  | 1,4-Dichlorobenzene-d4      | 50.000   | 50.000  | 0.0  | 122   | 0.00     |
| 73 T  | Isopropylbenzene            | 50.000   | 52.780  | -5.6 | 122   | 0.00     |
| 74 T  | N-amyl acetate              | 50.000   | 49.678  | 0.6  | 117   | 0.00     |
| 75 P  | 1,1,2,2-Tetrachloroethane   | 50.000   | 44.777  | 10.4 | 112   | 0.00     |
| 76 T  | 1,2,3-Trichloropropane      | 50.000   | 47.809  | 4.4  | 117   | 0.00     |
| 77 T  | Bromobenzene                | 50.000   | 49.735  | 0.5  | 125   | 0.00     |
| 78 T  | n-propylbenzene             | 50.000   | 50.045  | -0.1 | 119   | 0.00     |
| 79 T  | 2-Chlorotoluene             | 50.000   | 48.532  | 2.9  | 117   | 0.00     |
| 80 T  | 1,3,5-Trimethylbenzene      | 50.000   | 52.038  | -4.1 | 119   | 0.00     |
| 81 T  | trans-1,4-Dichloro-2-butene | 50.000   | 50.405  | -0.8 | 121   | 0.00     |
| 82 T  | 4-Chlorotoluene             | 50.000   | 49.306  | 1.4  | 117   | 0.00     |
| 83 T  | tert-Butylbenzene           | 50.000   | 51.805  | -3.6 | 120   | 0.00     |
| 84 T  | 1,2,4-Trimethylbenzene      | 50.000   | 52.370  | -4.7 | 118   | 0.00     |
| 85 T  | sec-Butylbenzene            | 50.000   | 51.761  | -3.5 | 121   | 0.00     |
| 86 T  | p-Isopropyltoluene          | 50.000   | 53.274  | -6.5 | 120   | 0.00     |
| 87 T  | 1,3-Dichlorobenzene         | 50.000   | 49.724  | 0.6  | 123   | 0.00     |
| 88 T  | 1,4-Dichlorobenzene         | 50.000   | 47.308  | 5.4  | 122   | 0.00     |
| 89 T  | n-Butylbenzene              | 50.000   | 50.414  | -0.8 | 120   | 0.00     |
| 90 T  | Hexachloroethane            | 50.000   | 49.230  | 1.5  | 120   | 0.00     |
| 91 T  | 1,2-Dichlorobenzene         | 50.000   | 47.330  | 5.3  | 119   | 0.00     |
| 92 T  | 1,2-Dibromo-3-Chloropropane | 50.000   | 48.538  | 2.9  | 120   | 0.00     |
| 93 T  | 1,2,4-Trichlorobenzene      | 50.000   | 53.001  | -6.0 | 131   | 0.00     |
| 94 T  | Hexachlorobutadiene         | 50.000   | 52.681  | -5.4 | 130   | 0.00     |
| 95 T  | Naphthalene                 | 50.000   | 51.454  | -2.9 | 132   | 0.00     |

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ALS Vial : 2 Sample Multiplier: 1

Instrument :  
MSVOA\_U  
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_U\Method\82U060921W.M  
Quant Title : SW846 8260  
QLast Update : Thu Jun 10 05:11:37 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 | 52.868 | -5.7 | 131   | 0.00     |

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