

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX092021\  
 Data File : VX024367.D  
 Acq On : 20 Sep 2021 22:22  
 Operator : JC/MD  
 Sample : VSTDCCC050  
 Misc : 5.0mL/MSVOA\_X/WATER  
 ALS Vial : 26 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 LabSampleId :  
 VSTDCCC050

Quant Time: Sep 22 08:53:40 2021  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X091421W.M  
 Quant Title : SW846 8260  
 QLast Update : Tue Sep 21 10:52:48 2021  
 Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min  
 Max. RRF Dev : 25% Max. Rel. Area : 150%

|       | Compound                    | Amount  | Calc.   | %Dev  | Area% | Dev(min) |
|-------|-----------------------------|---------|---------|-------|-------|----------|
| 1 I   | Pentafluorobenzene          | 50.000  | 50.000  | 0.0   | 86    | 0.00     |
| 2 T   | Dichlorodifluoromethane     | 50.000  | 48.542  | 2.9   | 83    | 0.00     |
| 3 P   | Chloromethane               | 50.000  | 49.314  | 1.4   | 85    | 0.00     |
| 4 C   | Vinyl Chloride              | 50.000  | 49.028  | 1.9#  | 85    | 0.00     |
| 5 T   | Bromomethane                | 50.000  | 45.867  | 8.3   | 81    | 0.00     |
| 6 T   | Chloroethane                | 50.000  | 41.973  | 16.1  | 74    | 0.00     |
| 7 T   | Trichlorofluoromethane      | 50.000  | 42.839  | 14.3  | 72    | 0.00     |
| 8 T   | Diethyl Ether               | 50.000  | 42.623  | 14.8  | 71    | 0.00     |
| 9 T   | 1,1,2-Trichlorotrifluoroeth | 50.000  | 49.980  | 0.0   | 85    | 0.00     |
| 10 T  | Methyl Iodide               | 50.000  | 49.394  | 1.2   | 77    | 0.00     |
| 11 T  | Tert butyl alcohol          | 250.000 | 247.147 | 1.1   | 80    | 0.00     |
| 12 CM | 1,1-Dichloroethene          | 50.000  | 50.249  | -0.5# | 84    | 0.00     |
| 13 T  | Acrolein                    | 250.000 | 223.877 | 10.4  | 79    | 0.00     |
| 14 T  | Allyl chloride              | 50.000  | 50.932  | -1.9  | 84    | 0.00     |
| 15 T  | Acrylonitrile               | 250.000 | 265.101 | -6.0  | 87    | 0.00     |
| 16 T  | Acetone                     | 250.000 | 224.604 | 10.2  | 78    | 0.00     |
| 17 T  | Carbon Disulfide            | 50.000  | 46.421  | 7.2   | 77    | 0.00     |
| 18 T  | Methyl Acetate              | 50.000  | 51.917  | -3.8  | 87    | 0.00     |
| 19 T  | Methyl tert-butyl Ether     | 50.000  | 51.790  | -3.6  | 84    | 0.00     |
| 20 T  | Methylene Chloride          | 50.000  | 48.527  | 2.9   | 88    | 0.00     |
| 21 T  | trans-1,2-Dichloroethene    | 50.000  | 49.862  | 0.3   | 84    | 0.00     |
| 22 T  | Diisopropyl ether           | 50.000  | 53.646  | -7.3  | 87    | 0.00     |
| 23 T  | Vinyl Acetate               | 250.000 | 264.200 | -5.7  | 84    | 0.00     |
| 24 P  | 1,1-Dichloroethane          | 50.000  | 50.956  | -1.9  | 85    | 0.00     |
| 25 T  | 2-Butanone                  | 250.000 | 249.282 | 0.3   | 83    | 0.00     |
| 26 T  | 2,2-Dichloropropane         | 50.000  | 42.131  | 15.7  | 69    | 0.00     |
| 27 T  | cis-1,2-Dichloroethene      | 50.000  | 52.275  | -4.5  | 84    | 0.00     |
| 28 T  | Bromochloromethane          | 50.000  | 49.764  | 0.5   | 92    | 0.00     |
| 29 T  | Tetrahydrofuran             | 250.000 | 259.745 | -3.9  | 84    | 0.00     |
| 30 C  | Chloroform                  | 50.000  | 51.941  | -3.9# | 85    | 0.00     |
| 31 T  | Cyclohexane                 | 50.000  | 50.838  | -1.7  | 84    | 0.00     |
| 32 T  | 1,1,1-Trichloroethane       | 50.000  | 51.493  | -3.0  | 83    | 0.00     |
| 33 S  | 1,2-Dichloroethane-d4       | 50.000  | 45.766  | 8.5   | 82    | 0.00     |
| 34 I  | 1,4-Difluorobenzene         | 50.000  | 50.000  | 0.0   | 87    | 0.00     |
| 35 S  | Dibromofluoromethane        | 50.000  | 47.709  | 4.6   | 84    | 0.00     |
| 36 T  | 1,1-Dichloropropene         | 50.000  | 50.846  | -1.7  | 85    | 0.00     |
| 37 T  | Ethyl Acetate               | 50.000  | 49.324  | 1.4   | 84    | 0.00     |
| 38 T  | Carbon Tetrachloride        | 50.000  | 50.090  | -0.2  | 83    | 0.00     |
| 39 T  | Methylcyclohexane           | 50.000  | 51.118  | -2.2  | 83    | 0.00     |
| 40 TM | Benzene                     | 50.000  | 51.630  | -3.3  | 85    | 0.00     |
| 41 T  | Methacrylonitrile           | 50.000  | 52.859  | -5.7  | 86    | 0.00     |
| 42 TM | 1,2-Dichloroethane          | 50.000  | 49.633  | 0.7   | 82    | 0.00     |
| 43 T  | Isopropyl Acetate           | 50.000  | 50.063  | -0.1  | 82    | 0.00     |
| 44 TM | Trichloroethene             | 50.000  | 51.002  | -2.0  | 86    | 0.00     |
| 45 C  | 1,2-Dichloropropane         | 50.000  | 51.445  | -2.9# | 86    | 0.00     |
| 46 T  | Dibromomethane              | 50.000  | 51.180  | -2.4  | 85    | 0.00     |
| 47 T  | Bromodichloromethane        | 50.000  | 52.099  | -4.2  | 84    | 0.00     |
| 48 T  | Methyl methacrylate         | 50.000  | 50.757  | -1.5  | 83    | 0.00     |

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 LabSampleId :  
 VSTDCCC050

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 Quant Title : SW846 8260  
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 Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min  
 Max. RRF Dev : 25% Max. Rel. Area : 150%

|       | Compound                    | Amount   | Calc.    | %Dev  | Area% | Dev(min) |
|-------|-----------------------------|----------|----------|-------|-------|----------|
| 49 T  | 1,4-Dioxane                 | 1000.000 | 1000.180 | -0.0  | 80    | 0.00     |
| 50 S  | Toluene-d8                  | 50.000   | 48.766   | 2.5   | 86    | 0.00     |
| 51 T  | 4-Methyl-2-Pentanone        | 250.000  | 265.957  | -6.4  | 84    | 0.00     |
| 52 CM | Toluene                     | 50.000   | 52.570   | -5.1# | 86    | 0.00     |
| 53 T  | t-1,3-Dichloropropene       | 50.000   | 51.358   | -2.7  | 82    | 0.00     |
| 54 T  | cis-1,3-Dichloropropene     | 50.000   | 51.444   | -2.9  | 81    | 0.00     |
| 55 T  | 1,1,2-Trichloroethane       | 50.000   | 52.026   | -4.1  | 87    | 0.00     |
| 56 T  | Ethyl methacrylate          | 50.000   | 49.059   | 1.9   | 85    | 0.00     |
| 57 T  | 1,3-Dichloropropane         | 50.000   | 52.289   | -4.6  | 87    | 0.00     |
| 58 T  | 2-Chloroethyl Vinyl ether   | 250.000  | 266.021  | -6.4  | 87    | 0.00     |
| 59 T  | 2-Hexanone                  | 250.000  | 271.162  | -8.5  | 85    | 0.00     |
| 60 T  | Dibromochloromethane        | 50.000   | 47.601   | 4.8   | 83    | 0.00     |
| 61 T  | 1,2-Dibromoethane           | 50.000   | 51.968   | -3.9  | 86    | 0.00     |
| 62 S  | 4-Bromofluorobenzene        | 50.000   | 51.157   | -2.3  | 88    | 0.00     |
| 63 I  | Chlorobenzene-d5            | 50.000   | 50.000   | 0.0   | 89    | 0.00     |
| 64 T  | Tetrachloroethene           | 50.000   | 50.444   | -0.9  | 86    | 0.00     |
| 65 PM | Chlorobenzene               | 50.000   | 51.339   | -2.7  | 88    | 0.00     |
| 66 T  | 1,1,1,2-Tetrachloroethane   | 50.000   | 51.797   | -3.6  | 86    | 0.00     |
| 67 C  | Ethyl Benzene               | 50.000   | 51.611   | -3.2# | 86    | 0.00     |
| 68 T  | m/p-Xylenes                 | 100.000  | 106.302  | -6.3  | 87    | 0.00     |
| 69 T  | o-Xylene                    | 50.000   | 52.281   | -4.6  | 87    | 0.00     |
| 70 T  | Styrene                     | 50.000   | 54.554   | -9.1  | 88    | 0.00     |
| 71 P  | Bromoform                   | 50.000   | 48.577   | 2.8   | 84    | 0.00     |
| 72 I  | 1,4-Dichlorobenzene-d4      | 50.000   | 50.000   | 0.0   | 91    | 0.00     |
| 73 T  | Isopropylbenzene            | 50.000   | 50.273   | -0.5  | 87    | 0.00     |
| 74 T  | N-ethyl acetate             | 50.000   | 51.239   | -2.5  | 84    | 0.00     |
| 75 P  | 1,1,2,2-Tetrachloroethane   | 50.000   | 50.429   | -0.9  | 91    | 0.00     |
| 76 T  | 1,2,3-Trichloropropane      | 50.000   | 49.128   | 1.7   | 87    | 0.00     |
| 77 T  | Bromobenzene                | 50.000   | 50.535   | -1.1  | 88    | 0.00     |
| 78 T  | n-propylbenzene             | 50.000   | 50.937   | -1.9  | 87    | 0.00     |
| 79 T  | 2-Chlorotoluene             | 50.000   | 50.652   | -1.3  | 87    | 0.00     |
| 80 T  | 1,3,5-Trimethylbenzene      | 50.000   | 50.517   | -1.0  | 86    | 0.00     |
| 81 T  | trans-1,4-Dichloro-2-butene | 50.000   | 47.091   | 5.8   | 79    | 0.00     |
| 82 T  | 4-Chlorotoluene             | 50.000   | 50.346   | -0.7  | 86    | 0.00     |
| 83 T  | tert-Butylbenzene           | 50.000   | 50.692   | -1.4  | 87    | 0.00     |
| 84 T  | 1,2,4-Trimethylbenzene      | 50.000   | 51.114   | -2.2  | 86    | 0.00     |
| 85 T  | sec-Butylbenzene            | 50.000   | 52.384   | -4.8  | 87    | 0.00     |
| 86 T  | p-Isopropyltoluene          | 50.000   | 51.719   | -3.4  | 86    | 0.00     |
| 87 T  | 1,3-Dichlorobenzene         | 50.000   | 51.484   | -3.0  | 89    | 0.00     |
| 88 T  | 1,4-Dichlorobenzene         | 50.000   | 50.206   | -0.4  | 90    | 0.00     |
| 89 T  | n-Butylbenzene              | 50.000   | 51.874   | -3.7  | 87    | 0.00     |
| 90 T  | Hexachloroethane            | 50.000   | 52.172   | -4.3  | 87    | 0.00     |
| 91 T  | 1,2-Dichlorobenzene         | 50.000   | 51.114   | -2.2  | 90    | 0.00     |
| 92 T  | 1,2-Dibromo-3-Chloropropane | 50.000   | 46.712   | 6.6   | 81    | 0.00     |
| 93 T  | 1,2,4-Trichlorobenzene      | 50.000   | 51.395   | -2.8  | 86    | 0.00     |
| 94 T  | Hexachlorobutadiene         | 50.000   | 47.415   | 5.2   | 86    | 0.00     |
| 95 T  | Naphthalene                 | 50.000   | 48.209   | 3.6   | 88    | 0.00     |

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Sample : VSTDCCC050  
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ALS Vial : 26 Sample Multiplier: 1

Instrument :  
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Quant Title : SW846 8260  
QLast Update : Tue Sep 21 10:52:48 2021  
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min  
Max. RRF Dev : 25% Max. Rel. Area : 150%

|      | Compound               | Amount | Calc.  | %Dev | Area% | Dev(min) |
|------|------------------------|--------|--------|------|-------|----------|
| 96 T | 1,2,3-Trichlorobenzene | 50.000 | 52.096 | -4.2 | 86    | 0.00     |

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