

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_T\Data\VT102925\  
 Data File : VT019206.D  
 Acq On : 29 Oct 2025 16:07  
 Operator : SY/MD  
 Sample : VSTDCCC050  
 Misc : 5.0mL/MSVOA\_T/WATER  
 ALS Vial : 18 Sample Multiplier: 1

Instrument :  
 MSVOA\_T  
 LabSampleId :  
 VSTDCCC050

Quant Time: Oct 30 08:49:06 2025  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_T\methods\82T102925W.M  
 Quant Title : SW846 8260  
 QLast Update : Thu Oct 30 08:43:44 2025  
 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    | 79    | 0.00     |
| 2 T   | Dichlorodifluoromethane     | 50.000  | 44.645  | 10.7   | 74    | 0.00     |
| 3 P   | Chloromethane               | 50.000  | 49.634  | 0.7    | 85    | 0.04     |
| 4 C   | Vinyl Chloride              | 50.000  | 44.892  | 10.2#  | 71    | 0.00     |
| 5 T   | Bromomethane                | 50.000  | 32.407  | 35.2#  | 51    | 0.00     |
| 6 T   | Chloroethane                | 50.000  | 46.433  | 7.1    | 76    | 0.00     |
| 7 T   | Trichlorofluoromethane      | 50.000  | 43.301  | 13.4   | 70    | 0.00     |
| 8 T   | Diethyl Ether               | 50.000  | 58.795  | -17.6  | 94    | 0.00     |
| 9 T   | 1,1,2-Trichlorotrifluoroeth | 50.000  | 38.108  | 23.8#  | 64    | 0.00     |
| 10 T  | Methyl Iodide               | 50.000  | 56.363  | -12.7  | 85    | 0.00     |
| 11 T  | Tert butyl alcohol          | 250.000 | 321.879 | -28.8# | 107   | 0.01     |
| 12 CM | 1,1-Dichloroethene          | 50.000  | 42.788  | 14.4#  | 71    | 0.00     |
| 13 T  | Acrolein                    | 250.000 | 274.215 | -9.7   | 93    | 0.00     |
| 14 T  | Allyl chloride              | 50.000  | 52.881  | -5.8   | 89    | 0.00     |
| 15 T  | Acrylonitrile               | 250.000 | 298.174 | -19.3  | 100   | 0.00     |
| 16 T  | Acetone                     | 250.000 | 304.968 | -22.0# | 99    | 0.00     |
| 17 T  | Carbon Disulfide            | 50.000  | 45.143  | 9.7    | 76    | 0.00     |
| 18 T  | Methyl Acetate              | 50.000  | 67.535  | -35.1# | 108   | 0.00     |
| 19 T  | Methyl tert-butyl Ether     | 50.000  | 58.797  | -17.6  | 96    | 0.01     |
| 20 T  | Methylene Chloride          | 50.000  | 55.728  | -11.5  | 96    | 0.00     |
| 21 T  | trans-1,2-Dichloroethene    | 50.000  | 50.385  | -0.8   | 82    | 0.00     |
| 22 T  | Diisopropyl ether           | 50.000  | 56.136  | -12.3  | 92    | 0.00     |
| 23 T  | Vinyl Acetate               | 250.000 | 268.998 | -7.6   | 88    | 0.01     |
| 24 P  | 1,1-Dichloroethane          | 50.000  | 53.967  | -7.9   | 89    | 0.00     |
| 25 T  | 2-Butanone                  | 250.000 | 285.807 | -14.3  | 100   | 0.00     |
| 26 T  | 2,2-Dichloropropane         | 50.000  | 50.758  | -1.5   | 82    | 0.00     |
| 27 T  | cis-1,2-Dichloroethene      | 50.000  | 56.474  | -12.9  | 91    | 0.00     |
| 28 T  | Bromochloromethane          | 50.000  | 58.004  | -16.0  | 92    | 0.00     |
| 29 T  | Tetrahydrofuran             | 250.000 | 301.271 | -20.5# | 100   | 0.00     |
| 30 C  | Chloroform                  | 50.000  | 55.762  | -11.5# | 90    | 0.00     |
| 31 T  | Cyclohexane                 | 50.000  | 37.528  | 24.9#  | 66    | 0.00     |
| 32 T  | 1,1,1-Trichloroethane       | 50.000  | 51.361  | -2.7   | 84    | 0.00     |
| 33 S  | 1,2-Dichloroethane-d4       | 50.000  | 57.386  | -14.8  | 96    | 0.00     |
| 34 I  | 1,4-Difluorobenzene         | 50.000  | 50.000  | 0.0    | 89    | 0.00     |
| 35 S  | Dibromofluoromethane        | 50.000  | 51.519  | -3.0   | 95    | 0.00     |
| 36 T  | 1,1-Dichloropropene         | 50.000  | 42.483  | 15.0   | 77    | 0.00     |
| 37 T  | Ethyl Acetate               | 50.000  | 53.061  | -6.1   | 99    | 0.00     |
| 38 T  | Carbon Tetrachloride        | 50.000  | 43.031  | 13.9   | 77    | 0.00     |
| 39 T  | Methylcyclohexane           | 50.000  | 35.545  | 28.9#  | 64    | 0.00     |
| 40 TM | Benzene                     | 50.000  | 48.343  | 3.3    | 89    | 0.00     |
| 41 T  | Methacrylonitrile           | 50.000  | 54.646  | -9.3   | 113   | 0.00     |
| 42 TM | 1,2-Dichloroethane          | 50.000  | 52.232  | -4.5   | 94    | 0.00     |
| 43 T  | Isopropyl Acetate           | 50.000  | 53.816  | -7.6   | 100   | 0.00     |
| 44 TM | Trichloroethene             | 50.000  | 47.261  | 5.5    | 86    | 0.01     |
| 45 C  | 1,2-Dichloropropane         | 50.000  | 51.030  | -2.1#  | 93    | 0.00     |
| 46 T  | Dibromomethane              | 50.000  | 52.813  | -5.6   | 95    | 0.00     |
| 47 T  | Bromodichloromethane        | 50.000  | 52.118  | -4.2   | 94    | 0.00     |
| 48 T  | Methyl methacrylate         | 50.000  | 54.220  | -8.4   | 99    | 0.00     |

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 Sample : VSTDCCC050  
 Misc : 5.0mL/MSVOA\_T/WATER  
 ALS Vial : 18 Sample Multiplier: 1

Instrument :  
 MSVOA\_T  
 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 : 20% Max. Rel. Area : 150%

|       | Compound                    | Amount   | Calc.    | %Dev  | Area% | Dev(min) |
|-------|-----------------------------|----------|----------|-------|-------|----------|
| 49 T  | 1,4-Dioxane                 | 1000.000 | 1071.021 | -7.1  | 106   | 0.00     |
| 50 S  | Toluene-d8                  | 50.000   | 48.961   | 2.1   | 91    | 0.00     |
| 51 T  | 4-Methyl-2-Pentanone        | 250.000  | 273.336  | -9.3  | 101   | 0.00     |
| 52 CM | Toluene                     | 50.000   | 48.196   | 3.6#  | 88    | 0.00     |
| 53 T  | t-1,3-Dichloropropene       | 50.000   | 53.867   | -7.7  | 97    | 0.00     |
| 54 T  | cis-1,3-Dichloropropene     | 50.000   | 52.013   | -4.0  | 93    | 0.00     |
| 55 T  | 1,1,2-Trichloroethane       | 50.000   | 54.643   | -9.3  | 99    | 0.00     |
| 56 T  | Ethyl methacrylate          | 50.000   | 53.534   | -7.1  | 98    | 0.00     |
| 57 T  | 1,3-Dichloropropane         | 50.000   | 53.095   | -6.2  | 97    | 0.00     |
| 58 T  | 2-Chloroethyl Vinyl ether   | 250.000  | 258.159  | -3.3  | 97    | 0.00     |
| 59 T  | 2-Hexanone                  | 250.000  | 267.561  | -7.0  | 102   | 0.00     |
| 60 T  | Dibromochloromethane        | 50.000   | 54.659   | -9.3  | 98    | 0.00     |
| 61 T  | 1,2-Dibromoethane           | 50.000   | 53.354   | -6.7  | 98    | 0.00     |
| 62 S  | 4-Bromofluorobenzene        | 50.000   | 50.165   | -0.3  | 95    | 0.00     |
| 63 I  | Chlorobenzene-d5            | 50.000   | 50.000   | 0.0   | 95    | 0.00     |
| 64 T  | Tetrachloroethene           | 50.000   | 46.247   | 7.5   | 87    | 0.00     |
| 65 PM | Chlorobenzene               | 50.000   | 48.112   | 3.8   | 92    | 0.00     |
| 66 T  | 1,1,1,2-Tetrachloroethane   | 50.000   | 50.213   | -0.4  | 96    | 0.00     |
| 67 C  | Ethyl Benzene               | 50.000   | 44.795   | 10.4# | 86    | 0.00     |
| 68 T  | m/p-Xylenes                 | 100.000  | 90.635   | 9.4   | 87    | 0.00     |
| 69 T  | o-Xylene                    | 50.000   | 47.405   | 5.2   | 91    | 0.00     |
| 70 T  | Styrene                     | 50.000   | 48.341   | 3.3   | 92    | 0.00     |
| 71 P  | Bromoform                   | 50.000   | 55.637   | -11.3 | 101   | 0.00     |
| 72 I  | 1,4-Dichlorobenzene-d4      | 50.000   | 50.000   | 0.0   | 96    | 0.00     |
| 73 T  | Isopropylbenzene            | 50.000   | 42.927   | 14.1  | 85    | 0.00     |
| 74 T  | N-ethyl acetate             | 50.000   | 50.094   | -0.2  | 98    | 0.00     |
| 75 P  | 1,1,2,2-Tetrachloroethane   | 50.000   | 50.871   | -1.7  | 102   | 0.00     |
| 76 T  | 1,2,3-Trichloropropane      | 50.000   | 50.423   | -0.8  | 95    | 0.00     |
| 77 T  | Bromobenzene                | 50.000   | 48.037   | 3.9   | 96    | 0.00     |
| 78 T  | n-propylbenzene             | 50.000   | 41.609   | 16.8  | 82    | 0.00     |
| 79 T  | 2-Chlorotoluene             | 50.000   | 44.905   | 10.2  | 89    | 0.00     |
| 80 T  | 1,3,5-Trimethylbenzene      | 50.000   | 43.883   | 12.2  | 87    | 0.00     |
| 81 T  | trans-1,4-Dichloro-2-butene | 50.000   | 54.614   | -9.2  | 102   | 0.00     |
| 82 T  | 4-Chlorotoluene             | 50.000   | 45.552   | 8.9   | 90    | 0.00     |
| 83 T  | tert-Butylbenzene           | 50.000   | 42.824   | 14.4  | 85    | 0.00     |
| 84 T  | 1,2,4-Trimethylbenzene      | 50.000   | 44.583   | 10.8  | 88    | 0.00     |
| 85 T  | sec-Butylbenzene            | 50.000   | 40.771   | 18.5  | 80    | 0.00     |
| 86 T  | p-Isopropyltoluene          | 50.000   | 40.362   | 19.3  | 80    | 0.00     |
| 87 T  | 1,3-Dichlorobenzene         | 50.000   | 45.661   | 8.7   | 91    | 0.00     |
| 88 T  | 1,4-Dichlorobenzene         | 50.000   | 46.027   | 7.9   | 92    | 0.00     |
| 89 T  | n-Butylbenzene              | 50.000   | 39.912   | 20.2# | 76    | 0.00     |
| 90 T  | Hexachloroethane            | 50.000   | 43.763   | 12.5  | 84    | 0.00     |
| 91 T  | 1,2-Dichlorobenzene         | 50.000   | 47.500   | 5.0   | 94    | 0.00     |
| 92 T  | 1,2-Dibromo-3-Chloropropane | 50.000   | 49.872   | 0.3   | 98    | 0.00     |
| 93 T  | 1,2,4-Trichlorobenzene      | 50.000   | 43.944   | 12.1  | 85    | 0.00     |
| 94 T  | Hexachlorobutadiene         | 50.000   | 34.222   | 31.6# | 68    | 0.00     |
| 95 T  | Naphthalene                 | 50.000   | 47.249   | 5.5   | 94    | 0.00     |

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Sample : VSTDCCC050  
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ALS Vial : 18 Sample Multiplier: 1

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MSVOA\_T  
LabSampleId :  
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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 | 45.537 | 8.9  | 89    | 0.00     |

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