

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\WX101424\  
 Data File : VX043387.D  
 Acq On : 14 Oct 2024 17:35  
 Operator : JC/MD  
 Sample : VSTDCCC050  
 Misc : 5.0mL/MSVOA\_X/WATER  
 ALS Vial : 20 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 LabSampleId :  
 VSTDCCC050

Quant Time: Oct 15 01:49:44 2024  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X100124W.M  
 Quant Title : SW846 8260  
 QLast Update : Wed Oct 02 16:50:57 2024  
 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   | 92    | 0.00     |
| 2 T   | Dichlorodifluoromethane     | 50.000  | 49.901  | 0.2   | 89    | 0.00     |
| 3 P   | Chloromethane               | 50.000  | 49.294  | 1.4   | 91    | 0.00     |
| 4 C   | Vinyl Chloride              | 50.000  | 50.772  | -1.5# | 93    | 0.00     |
| 5 T   | Bromomethane                | 50.000  | 49.140  | 1.7   | 93    | 0.00     |
| 6 T   | Chloroethane                | 50.000  | 50.424  | -0.8  | 92    | 0.00     |
| 7 T   | Trichlorofluoromethane      | 50.000  | 48.699  | 2.6   | 93    | 0.00     |
| 8 T   | Diethyl Ether               | 50.000  | 49.917  | 0.2   | 93    | 0.00     |
| 9 T   | 1,1,2-Trichlorotrifluoroeth | 50.000  | 50.404  | -0.8  | 93    | 0.00     |
| 10 T  | Methyl Iodide               | 50.000  | 53.053  | -6.1  | 96    | 0.00     |
| 11 T  | Tert butyl alcohol          | 250.000 | 250.461 | -0.2  | 90    | 0.00     |
| 12 CM | 1,1-Dichloroethene          | 50.000  | 49.152  | 1.7#  | 92    | 0.00     |
| 13 T  | Acrolein                    | 250.000 | 232.272 | 7.1   | 86    | 0.00     |
| 14 T  | Allyl chloride              | 50.000  | 50.202  | -0.4  | 93    | 0.00     |
| 15 T  | Acrylonitrile               | 250.000 | 251.746 | -0.7  | 92    | 0.00     |
| 16 T  | Acetone                     | 250.000 | 266.324 | -6.5  | 106   | 0.00     |
| 17 T  | Carbon Disulfide            | 50.000  | 44.867  | 10.3  | 85    | 0.00     |
| 18 T  | Methyl Acetate              | 50.000  | 47.707  | 4.6   | 85    | 0.00     |
| 19 T  | Methyl tert-butyl Ether     | 50.000  | 52.841  | -5.7  | 97    | 0.00     |
| 20 T  | Methylene Chloride          | 50.000  | 48.930  | 2.1   | 93    | 0.00     |
| 21 T  | trans-1,2-Dichloroethene    | 50.000  | 51.356  | -2.7  | 95    | 0.00     |
| 22 T  | Diisopropyl ether           | 50.000  | 52.145  | -4.3  | 96    | 0.00     |
| 23 T  | Vinyl Acetate               | 250.000 | 189.026 | 24.4  | 64    | 0.00     |
| 24 P  | 1,1-Dichloroethane          | 50.000  | 51.842  | -3.7  | 95    | 0.00     |
| 25 T  | 2-Butanone                  | 250.000 | 261.182 | -4.5  | 96    | 0.00     |
| 26 T  | 2,2-Dichloropropane         | 50.000  | 52.542  | -5.1  | 98    | 0.00     |
| 27 T  | cis-1,2-Dichloroethene      | 50.000  | 51.719  | -3.4  | 96    | 0.00     |
| 28 T  | Bromochloromethane          | 50.000  | 45.880  | 8.2   | 88    | 0.00     |
| 29 T  | Tetrahydrofuran             | 250.000 | 253.373 | -1.3  | 95    | 0.00     |
| 30 C  | Chloroform                  | 50.000  | 50.931  | -1.9# | 96    | 0.00     |
| 31 T  | Cyclohexane                 | 50.000  | 50.610  | -1.2  | 96    | 0.00     |
| 32 T  | 1,1,1-Trichloroethane       | 50.000  | 51.308  | -2.6  | 94    | 0.00     |
| 33 S  | 1,2-Dichloroethane-d4       | 50.000  | 52.298  | -4.6  | 97    | 0.00     |
| 34 I  | 1,4-Difluorobenzene         | 50.000  | 50.000  | 0.0   | 94    | 0.00     |
| 35 S  | Dibromofluoromethane        | 50.000  | 50.134  | -0.3  | 95    | 0.00     |
| 36 T  | 1,1-Dichloropropene         | 50.000  | 50.183  | -0.4  | 94    | 0.00     |
| 37 T  | Ethyl Acetate               | 50.000  | 50.556  | -1.1  | 95    | 0.00     |
| 38 T  | Carbon Tetrachloride        | 50.000  | 49.930  | 0.1   | 91    | 0.00     |
| 39 T  | Methylcyclohexane           | 50.000  | 50.500  | -1.0  | 94    | 0.00     |
| 40 TM | Benzene                     | 50.000  | 50.589  | -1.2  | 95    | 0.00     |
| 41 T  | Methacrylonitrile           | 50.000  | 52.742  | -5.5  | 93    | 0.00     |
| 42 TM | 1,2-Dichloroethane          | 50.000  | 51.925  | -3.8  | 96    | 0.00     |
| 43 T  | Isopropyl Acetate           | 50.000  | 51.024  | -2.0  | 93    | 0.00     |
| 44 TM | Trichloroethene             | 50.000  | 49.530  | 0.9   | 95    | 0.00     |
| 45 C  | 1,2-Dichloropropane         | 50.000  | 50.919  | -1.8# | 94    | 0.00     |
| 46 T  | Dibromomethane              | 50.000  | 51.038  | -2.1  | 94    | 0.00     |
| 47 T  | Bromodichloromethane        | 50.000  | 50.481  | -1.0  | 92    | 0.00     |
| 48 T  | Methyl methacrylate         | 50.000  | 50.788  | -1.6  | 93    | 0.00     |

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 Sample : VSTDCCC050  
 Misc : 5.0mL/MSVOA\_X/WATER  
 ALS Vial : 20 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 LabSampleId :  
 VSTDCCC050

Quant Time: Oct 15 01:49:44 2024  
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 Quant Title : SW846 8260  
 QLast Update : Wed Oct 02 16:50:57 2024  
 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 | 887.476 | 11.3  | 80    | 0.00     |
| 50 S  | Toluene-d8                  | 50.000   | 48.886  | 2.2   | 90    | 0.00     |
| 51 T  | 4-Methyl-2-Pentanone        | 250.000  | 250.701 | -0.3  | 91    | 0.00     |
| 52 CM | Toluene                     | 50.000   | 50.461  | -0.9# | 93    | 0.00     |
| 53 T  | t-1,3-Dichloropropene       | 50.000   | 52.385  | -4.8  | 92    | 0.00     |
| 54 T  | cis-1,3-Dichloropropene     | 50.000   | 51.925  | -3.8  | 94    | 0.00     |
| 55 T  | 1,1,2-Trichloroethane       | 50.000   | 50.612  | -1.2  | 92    | 0.00     |
| 56 T  | Ethyl methacrylate          | 50.000   | 52.815  | -5.6  | 91    | 0.00     |
| 57 T  | 1,3-Dichloropropane         | 50.000   | 51.096  | -2.2  | 93    | 0.00     |
| 58 T  | 2-Chloroethyl Vinyl ether   | 250.000  | 259.348 | -3.7  | 89    | 0.00     |
| 59 T  | 2-Hexanone                  | 250.000  | 254.743 | -1.9  | 92    | 0.00     |
| 60 T  | Dibromochloromethane        | 50.000   | 49.262  | 1.5   | 86    | 0.00     |
| 61 T  | 1,2-Dibromoethane           | 50.000   | 50.687  | -1.4  | 92    | 0.00     |
| 62 S  | 4-Bromofluorobenzene        | 50.000   | 50.337  | -0.7  | 90    | 0.00     |
| 63 I  | Chlorobenzene-d5            | 50.000   | 50.000  | 0.0   | 90    | 0.00     |
| 64 T  | Tetrachloroethene           | 50.000   | 51.181  | -2.4  | 93    | 0.00     |
| 65 PM | Chlorobenzene               | 50.000   | 49.703  | 0.6   | 91    | 0.00     |
| 66 T  | 1,1,1,2-Tetrachloroethane   | 50.000   | 51.020  | -2.0  | 90    | 0.00     |
| 67 C  | Ethyl Benzene               | 50.000   | 50.934  | -1.9# | 90    | 0.00     |
| 68 T  | m/p-Xylenes                 | 100.000  | 99.589  | 0.4   | 90    | 0.00     |
| 69 T  | o-Xylene                    | 50.000   | 49.597  | 0.8   | 90    | 0.00     |
| 70 T  | Styrene                     | 50.000   | 51.014  | -2.0  | 89    | 0.00     |
| 71 P  | Bromoform                   | 50.000   | 49.284  | 1.4   | 85    | 0.00     |
| 72 I  | 1,4-Dichlorobenzene-d4      | 50.000   | 50.000  | 0.0   | 90    | 0.00     |
| 73 T  | Isopropylbenzene            | 50.000   | 49.508  | 1.0   | 89    | 0.00     |
| 74 T  | N-amyl acetate              | 50.000   | 49.865  | 0.3   | 90    | 0.00     |
| 75 P  | 1,1,2,2-Tetrachloroethane   | 50.000   | 49.552  | 0.9   | 91    | 0.00     |
| 76 T  | 1,2,3-Trichloropropane      | 50.000   | 48.485  | 3.0   | 91    | 0.00     |
| 77 T  | Bromobenzene                | 50.000   | 48.685  | 2.6   | 90    | 0.00     |
| 78 T  | n-propylbenzene             | 50.000   | 51.055  | -2.1  | 90    | 0.00     |
| 79 T  | 2-Chlorotoluene             | 50.000   | 48.844  | 2.3   | 91    | 0.00     |
| 80 T  | 1,3,5-Trimethylbenzene      | 50.000   | 50.206  | -0.4  | 91    | 0.00     |
| 81 T  | trans-1,4-Dichloro-2-butene | 50.000   | 48.692  | 2.6   | 90    | 0.00     |
| 82 T  | 4-Chlorotoluene             | 50.000   | 49.096  | 1.8   | 90    | 0.00     |
| 83 T  | tert-Butylbenzene           | 50.000   | 48.881  | 2.2   | 89    | 0.00     |
| 84 T  | 1,2,4-Trimethylbenzene      | 50.000   | 49.895  | 0.2   | 90    | 0.00     |
| 85 T  | sec-Butylbenzene            | 50.000   | 49.848  | 0.3   | 89    | 0.00     |
| 86 T  | p-Isopropyltoluene          | 50.000   | 50.445  | -0.9  | 90    | 0.00     |
| 87 T  | 1,3-Dichlorobenzene         | 50.000   | 49.593  | 0.8   | 92    | 0.00     |
| 88 T  | 1,4-Dichlorobenzene         | 50.000   | 47.721  | 4.6   | 90    | 0.00     |
| 89 T  | n-Butylbenzene              | 50.000   | 51.636  | -3.3  | 90    | 0.00     |
| 90 T  | Hexachloroethane            | 50.000   | 48.022  | 4.0   | 84    | 0.00     |
| 91 T  | 1,2-Dichlorobenzene         | 50.000   | 48.087  | 3.8   | 90    | 0.00     |
| 92 T  | 1,2-Dibromo-3-Chloropropane | 50.000   | 47.530  | 4.9   | 85    | 0.00     |
| 93 T  | 1,2,4-Trichlorobenzene      | 50.000   | 50.116  | -0.2  | 89    | 0.00     |
| 94 T  | Hexachlorobutadiene         | 50.000   | 51.763  | -3.5  | 91    | 0.00     |
| 95 T  | Naphthalene                 | 50.000   | 49.786  | 0.4   | 91    | 0.00     |

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ALS Vial : 20 Sample Multiplier: 1

Instrument :  
MSVOA\_X  
LabSampleId :  
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Quant Time: Oct 15 01:49:44 2024  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X100124W.M  
Quant Title : SW846 8260  
QLast Update : Wed Oct 02 16:50:57 2024  
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 | 50.393 | -0.8 | 91    | 0.00     |

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