

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX100224\  
 Data File : VX043242.D  
 Acq On : 02 Oct 2024 19:23  
 Operator : JC/MD  
 Sample : VSTDCCC050  
 Misc : 5.0mL/MSVOA\_X/WATER  
 ALS Vial : 28 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 LabSampleId :  
 VSTDCCC050

Quant Time: Oct 03 02:38:51 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   | 100   | 0.00     |
| 2 T   | Dichlorodifluoromethane     | 50.000  | 51.176  | -2.4  | 100   | 0.00     |
| 3 P   | Chloromethane               | 50.000  | 48.844  | 2.3   | 98    | 0.00     |
| 4 C   | Vinyl Chloride              | 50.000  | 49.981  | 0.0#  | 100   | 0.00     |
| 5 T   | Bromomethane                | 50.000  | 47.688  | 4.6   | 98    | 0.00     |
| 6 T   | Chloroethane                | 50.000  | 58.735  | -17.5 | 117   | 0.00     |
| 7 T   | Trichlorofluoromethane      | 50.000  | 54.262  | -8.5  | 112   | 0.00     |
| 8 T   | Diethyl Ether               | 50.000  | 49.635  | 0.7   | 101   | 0.00     |
| 9 T   | 1,1,2-Trichlorotrifluoroeth | 50.000  | 50.251  | -0.5  | 101   | 0.00     |
| 10 T  | Methyl Iodide               | 50.000  | 54.017  | -8.0  | 106   | 0.00     |
| 11 T  | Tert butyl alcohol          | 250.000 | 278.119 | -11.2 | 109   | 0.00     |
| 12 CM | 1,1-Dichloroethene          | 50.000  | 48.110  | 3.8#  | 98    | 0.00     |
| 13 T  | Acrolein                    | 250.000 | 248.536 | 0.6   | 100   | 0.00     |
| 14 T  | Allyl chloride              | 50.000  | 49.601  | 0.8   | 100   | 0.00     |
| 15 T  | Acrylonitrile               | 250.000 | 256.013 | -2.4  | 102   | 0.00     |
| 16 T  | Acetone                     | 250.000 | 222.073 | 11.2  | 96    | 0.00     |
| 17 T  | Carbon Disulfide            | 50.000  | 46.494  | 7.0   | 96    | 0.00     |
| 18 T  | Methyl Acetate              | 50.000  | 54.919  | -9.8  | 106   | 0.00     |
| 19 T  | Methyl tert-butyl Ether     | 50.000  | 50.997  | -2.0  | 102   | 0.00     |
| 20 T  | Methylene Chloride          | 50.000  | 48.805  | 2.4   | 101   | 0.00     |
| 21 T  | trans-1,2-Dichloroethene    | 50.000  | 49.315  | 1.4   | 100   | 0.00     |
| 22 T  | Diisopropyl ether           | 50.000  | 50.856  | -1.7  | 102   | 0.00     |
| 23 T  | Vinyl Acetate               | 250.000 | 268.444 | -7.4  | 102   | 0.00     |
| 24 P  | 1,1-Dichloroethane          | 50.000  | 51.095  | -2.2  | 102   | 0.00     |
| 25 T  | 2-Butanone                  | 250.000 | 252.068 | -0.8  | 101   | 0.00     |
| 26 T  | 2,2-Dichloropropane         | 50.000  | 46.372  | 7.3   | 94    | 0.00     |
| 27 T  | cis-1,2-Dichloroethene      | 50.000  | 50.162  | -0.3  | 102   | 0.00     |
| 28 T  | Bromochloromethane          | 50.000  | 49.216  | 1.6   | 103   | 0.00     |
| 29 T  | Tetrahydrofuran             | 250.000 | 253.270 | -1.3  | 104   | 0.00     |
| 30 C  | Chloroform                  | 50.000  | 49.827  | 0.3#  | 102   | 0.00     |
| 31 T  | Cyclohexane                 | 50.000  | 47.923  | 4.2   | 99    | 0.00     |
| 32 T  | 1,1,1-Trichloroethane       | 50.000  | 49.866  | 0.3   | 100   | 0.00     |
| 33 S  | 1,2-Dichloroethane-d4       | 50.000  | 50.354  | -0.7  | 101   | 0.00     |
| 34 I  | 1,4-Difluorobenzene         | 50.000  | 50.000  | 0.0   | 102   | 0.00     |
| 35 S  | Dibromofluoromethane        | 50.000  | 49.446  | 1.1   | 103   | 0.00     |
| 36 T  | 1,1-Dichloropropene         | 50.000  | 48.228  | 3.5   | 99    | 0.00     |
| 37 T  | Ethyl Acetate               | 50.000  | 50.282  | -0.6  | 103   | 0.00     |
| 38 T  | Carbon Tetrachloride        | 50.000  | 49.723  | 0.6   | 100   | 0.00     |
| 39 T  | Methylcyclohexane           | 50.000  | 48.319  | 3.4   | 99    | 0.00     |
| 40 TM | Benzene                     | 50.000  | 48.918  | 2.2   | 101   | 0.00     |
| 41 T  | Methacrylonitrile           | 50.000  | 51.356  | -2.7  | 99    | 0.00     |
| 42 TM | 1,2-Dichloroethane          | 50.000  | 50.439  | -0.9  | 102   | 0.00     |
| 43 T  | Isopropyl Acetate           | 50.000  | 51.014  | -2.0  | 101   | 0.00     |
| 44 TM | Trichloroethene             | 50.000  | 47.623  | 4.8   | 100   | 0.00     |
| 45 C  | 1,2-Dichloropropane         | 50.000  | 49.245  | 1.5#  | 100   | 0.00     |
| 46 T  | Dibromomethane              | 50.000  | 50.613  | -1.2  | 102   | 0.00     |
| 47 T  | Bromodichloromethane        | 50.000  | 50.552  | -1.1  | 100   | 0.00     |
| 48 T  | Methyl methacrylate         | 50.000  | 50.536  | -1.1  | 101   | 0.00     |

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 Misc : 5.0mL/MSVOA\_X/WATER  
 ALS Vial : 28 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 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 | 1084.754 | -8.5 | 107   | 0.00     |
| 50 S  | Toluene-d8                  | 50.000   | 49.165   | 1.7  | 99    | 0.00     |
| 51 T  | 4-Methyl-2-Pentanone        | 250.000  | 255.780  | -2.3 | 101   | 0.00     |
| 52 CM | Toluene                     | 50.000   | 49.497   | 1.0# | 99    | 0.00     |
| 53 T  | t-1,3-Dichloropropene       | 50.000   | 51.314   | -2.6 | 98    | 0.00     |
| 54 T  | cis-1,3-Dichloropropene     | 50.000   | 49.843   | 0.3  | 99    | 0.00     |
| 55 T  | 1,1,2-Trichloroethane       | 50.000   | 50.696   | -1.4 | 100   | 0.00     |
| 56 T  | Ethyl methacrylate          | 50.000   | 52.953   | -5.9 | 100   | 0.00     |
| 57 T  | 1,3-Dichloropropane         | 50.000   | 49.864   | 0.3  | 99    | 0.00     |
| 58 T  | 2-Chloroethyl Vinyl ether   | 250.000  | 263.796  | -5.5 | 99    | 0.00     |
| 59 T  | 2-Hexanone                  | 250.000  | 257.279  | -2.9 | 101   | 0.00     |
| 60 T  | Dibromochloromethane        | 50.000   | 51.434   | -2.9 | 99    | 0.00     |
| 61 T  | 1,2-Dibromoethane           | 50.000   | 50.246   | -0.5 | 100   | 0.00     |
| 62 S  | 4-Bromofluorobenzene        | 50.000   | 50.155   | -0.3 | 98    | 0.00     |
| 63 I  | Chlorobenzene-d5            | 50.000   | 50.000   | 0.0  | 101   | 0.00     |
| 64 T  | Tetrachloroethene           | 50.000   | 47.164   | 5.7  | 96    | 0.00     |
| 65 PM | Chlorobenzene               | 50.000   | 47.975   | 4.0  | 98    | 0.00     |
| 66 T  | 1,1,1,2-Tetrachloroethane   | 50.000   | 49.966   | 0.1  | 98    | 0.00     |
| 67 C  | Ethyl Benzene               | 50.000   | 49.736   | 0.5# | 99    | 0.00     |
| 68 T  | m/p-Xylenes                 | 100.000  | 97.008   | 3.0  | 97    | 0.00     |
| 69 T  | o-Xylene                    | 50.000   | 48.359   | 3.3  | 98    | 0.00     |
| 70 T  | Styrene                     | 50.000   | 49.937   | 0.1  | 98    | 0.00     |
| 71 P  | Bromoform                   | 50.000   | 51.116   | -2.2 | 98    | 0.00     |
| 72 I  | 1,4-Dichlorobenzene-d4      | 50.000   | 50.000   | 0.0  | 98    | 0.00     |
| 73 T  | Isopropylbenzene            | 50.000   | 49.979   | 0.0  | 97    | 0.00     |
| 74 T  | N-amyl acetate              | 50.000   | 51.262   | -2.5 | 100   | 0.00     |
| 75 P  | 1,1,2,2-Tetrachloroethane   | 50.000   | 50.370   | -0.7 | 100   | 0.00     |
| 76 T  | 1,2,3-Trichloropropane      | 50.000   | 48.901   | 2.2  | 99    | 0.00     |
| 77 T  | Bromobenzene                | 50.000   | 48.966   | 2.1  | 98    | 0.00     |
| 78 T  | n-propylbenzene             | 50.000   | 51.333   | -2.7 | 98    | 0.00     |
| 79 T  | 2-Chlorotoluene             | 50.000   | 48.964   | 2.1  | 98    | 0.00     |
| 80 T  | 1,3,5-Trimethylbenzene      | 50.000   | 49.998   | 0.0  | 98    | 0.00     |
| 81 T  | trans-1,4-Dichloro-2-butene | 50.000   | 48.842   | 2.3  | 98    | 0.00     |
| 82 T  | 4-Chlorotoluene             | 50.000   | 48.823   | 2.4  | 97    | 0.00     |
| 83 T  | tert-Butylbenzene           | 50.000   | 49.761   | 0.5  | 98    | 0.00     |
| 84 T  | 1,2,4-Trimethylbenzene      | 50.000   | 49.680   | 0.6  | 97    | 0.00     |
| 85 T  | sec-Butylbenzene            | 50.000   | 50.841   | -1.7 | 99    | 0.00     |
| 86 T  | p-Isopropyltoluene          | 50.000   | 50.945   | -1.9 | 99    | 0.00     |
| 87 T  | 1,3-Dichlorobenzene         | 50.000   | 49.154   | 1.7  | 98    | 0.00     |
| 88 T  | 1,4-Dichlorobenzene         | 50.000   | 47.379   | 5.2  | 97    | 0.00     |
| 89 T  | n-Butylbenzene              | 50.000   | 50.990   | -2.0 | 96    | 0.00     |
| 90 T  | Hexachloroethane            | 50.000   | 50.607   | -1.2 | 96    | 0.00     |
| 91 T  | 1,2-Dichlorobenzene         | 50.000   | 48.294   | 3.4  | 98    | 0.00     |
| 92 T  | 1,2-Dibromo-3-Chloropropane | 50.000   | 50.650   | -1.3 | 98    | 0.00     |
| 93 T  | 1,2,4-Trichlorobenzene      | 50.000   | 49.973   | 0.1  | 96    | 0.00     |
| 94 T  | Hexachlorobutadiene         | 50.000   | 51.923   | -3.8 | 98    | 0.00     |
| 95 T  | Naphthalene                 | 50.000   | 49.682   | 0.6  | 98    | 0.00     |

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ALS Vial : 28 Sample Multiplier: 1

Instrument :  
MSVOA\_X  
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) |
|------|------------------------|--------|--------|------|-------|----------|
| 96 T | 1,2,3-Trichlorobenzene | 50.000 | 49.227 | 1.5  | 96    | 0.00     |

(#) = Out of Range

SPCC's out = 0 CCC's out = 6