

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\WX062922\  
 Data File : VX029874.D  
 Acq On : 29 Jun 2022 20:25  
 Operator : JC/MD  
 Sample : VSTDCCC050  
 Misc : 5.0mL/MSVOA\_X/WATER  
 ALS Vial : 28 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 LabSampleId :  
 VSTDCCC050

Quant Time: Jun 29 23:02:06 2022  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X062822W.M  
 Quant Title : SW846 8260  
 QLast Update : Wed Jun 29 05:54:51 2022  
 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   | 105   | 0.00     |
| 2 T   | Dichlorodifluoromethane     | 50.000  | 54.497  | -9.0  | 104   | 0.00     |
| 3 P   | Chloromethane               | 50.000  | 51.695  | -3.4  | 101   | 0.00     |
| 4 C   | Vinyl Chloride              | 50.000  | 53.415  | -6.8# | 103   | 0.00     |
| 5 T   | Bromomethane                | 50.000  | 47.735  | 4.5   | 100   | 0.00     |
| 6 T   | Chloroethane                | 50.000  | 50.075  | -0.2  | 102   | 0.00     |
| 7 T   | Trichlorofluoromethane      | 50.000  | 51.598  | -3.2  | 102   | 0.00     |
| 8 T   | Diethyl Ether               | 50.000  | 51.845  | -3.7  | 105   | 0.00     |
| 9 T   | 1,1,2-Trichlorotrifluoroeth | 50.000  | 50.461  | -0.9  | 104   | 0.00     |
| 10 T  | Methyl Iodide               | 50.000  | 48.382  | 3.2   | 98    | 0.00     |
| 11 T  | Tert butyl alcohol          | 250.000 | 176.241 | 29.5# | 71    | 0.00     |
| 12 CM | 1,1-Dichloroethene          | 50.000  | 50.546  | -1.1# | 103   | 0.00     |
| 13 T  | Acrolein                    | 250.000 | 188.699 | 24.5  | 75    | 0.00     |
| 14 T  | Allyl chloride              | 50.000  | 48.505  | 3.0   | 97    | 0.00     |
| 15 T  | Acrylonitrile               | 250.000 | 200.667 | 19.7  | 80    | 0.00     |
| 16 T  | Acetone                     | 250.000 | 189.758 | 24.1  | 77    | 0.00     |
| 17 T  | Carbon Disulfide            | 50.000  | 46.946  | 6.1   | 93    | 0.00     |
| 18 T  | Methyl Acetate              | 50.000  | 39.769  | 20.5  | 81    | 0.00     |
| 19 T  | Methyl tert-butyl Ether     | 50.000  | 51.249  | -2.5  | 101   | 0.00     |
| 20 T  | Methylene Chloride          | 50.000  | 48.272  | 3.5   | 104   | 0.00     |
| 21 T  | trans-1,2-Dichloroethene    | 50.000  | 49.643  | 0.7   | 102   | 0.00     |
| 22 T  | Diisopropyl ether           | 50.000  | 51.339  | -2.7  | 101   | 0.00     |
| 23 T  | Vinyl Acetate               | 250.000 | 244.653 | 2.1   | 94    | 0.00     |
| 24 P  | 1,1-Dichloroethane          | 50.000  | 50.706  | -1.4  | 101   | 0.00     |
| 25 T  | 2-Butanone                  | 250.000 | 191.976 | 23.2  | 76    | 0.00     |
| 26 T  | 2,2-Dichloropropane         | 50.000  | 47.536  | 4.9   | 94    | 0.00     |
| 27 T  | cis-1,2-Dichloroethene      | 50.000  | 50.566  | -1.1  | 102   | 0.00     |
| 28 T  | Bromochloromethane          | 50.000  | 51.912  | -3.8  | 104   | 0.00     |
| 29 T  | Tetrahydrofuran             | 250.000 | 197.403 | 21.0  | 77    | 0.00     |
| 30 C  | Chloroform                  | 50.000  | 51.497  | -3.0# | 102   | 0.00     |
| 31 T  | Cyclohexane                 | 50.000  | 50.093  | -0.2  | 100   | 0.00     |
| 32 T  | 1,1,1-Trichloroethane       | 50.000  | 50.114  | -0.2  | 101   | 0.00     |
| 33 S  | 1,2-Dichloroethane-d4       | 50.000  | 49.358  | 1.3   | 97    | 0.00     |
| 34 I  | 1,4-Difluorobenzene         | 50.000  | 50.000  | 0.0   | 106   | 0.00     |
| 35 S  | Dibromofluoromethane        | 50.000  | 49.694  | 0.6   | 101   | 0.00     |
| 36 T  | 1,1-Dichloropropene         | 50.000  | 49.204  | 1.6   | 101   | 0.00     |
| 37 T  | Ethyl Acetate               | 50.000  | 40.518  | 19.0  | 81    | 0.00     |
| 38 T  | Carbon Tetrachloride        | 50.000  | 49.985  | 0.0   | 101   | 0.00     |
| 39 T  | Methylcyclohexane           | 50.000  | 49.617  | 0.8   | 99    | 0.00     |
| 40 TM | Benzene                     | 50.000  | 49.904  | 0.2   | 102   | 0.00     |
| 41 T  | Methacrylonitrile           | 50.000  | 41.843  | 16.3  | 83    | 0.00     |
| 42 TM | 1,2-Dichloroethane          | 50.000  | 49.692  | 0.6   | 98    | 0.00     |
| 43 T  | Isopropyl Acetate           | 50.000  | 45.433  | 9.1   | 90    | 0.00     |
| 44 TM | Trichloroethene             | 50.000  | 45.615  | 8.8   | 100   | 0.00     |
| 45 C  | 1,2-Dichloropropane         | 50.000  | 50.006  | -0.0# | 101   | 0.00     |
| 46 T  | Dibromomethane              | 50.000  | 49.539  | 0.9   | 99    | 0.00     |
| 47 T  | Bromodichloromethane        | 50.000  | 50.336  | -0.7  | 99    | 0.00     |
| 48 T  | Methyl methacrylate         | 50.000  | 46.922  | 6.2   | 92    | 0.00     |

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX062922\  
 Data File : VX029874.D  
 Acq On : 29 Jun 2022 20:25  
 Operator : JC/MD  
 Sample : VSTDCCC050  
 Misc : 5.0mL/MSVOA\_X/WATER  
 ALS Vial : 28 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 LabSampleId :  
 VSTDCCC050

Quant Time: Jun 29 23:02:06 2022  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X062822W.M  
 Quant Title : SW846 8260  
 QLast Update : Wed Jun 29 05:54:51 2022  
 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 | 733.677 | 26.6# | 72    | 0.00     |
| 50 S  | Toluene-d8                  | 50.000   | 49.997  | 0.0   | 100   | 0.00     |
| 51 T  | 4-Methyl-2-Pentanone        | 250.000  | 210.828 | 15.7  | 83    | 0.00     |
| 52 CM | Toluene                     | 50.000   | 49.897  | 0.2#  | 99    | 0.00     |
| 53 T  | t-1,3-Dichloropropene       | 50.000   | 51.309  | -2.6  | 98    | 0.00     |
| 54 T  | cis-1,3-Dichloropropene     | 50.000   | 51.718  | -3.4  | 100   | 0.00     |
| 55 T  | 1,1,2-Trichloroethane       | 50.000   | 49.112  | 1.8   | 99    | 0.00     |
| 56 T  | Ethyl methacrylate          | 50.000   | 48.663  | 2.7   | 95    | 0.00     |
| 57 T  | 1,3-Dichloropropane         | 50.000   | 49.418  | 1.2   | 100   | 0.00     |
| 58 T  | 2-Chloroethyl Vinyl ether   | 250.000  | 226.646 | 9.3   | 90    | 0.00     |
| 59 T  | 2-Hexanone                  | 250.000  | 204.138 | 18.3  | 80    | 0.00     |
| 60 T  | Dibromochloromethane        | 50.000   | 50.429  | -0.9  | 98    | 0.00     |
| 61 T  | 1,2-Dibromoethane           | 50.000   | 48.476  | 3.0   | 98    | 0.00     |
| 62 S  | 4-Bromofluorobenzene        | 50.000   | 56.288  | -12.6 | 110   | 0.00     |
| 63 I  | Chlorobenzene-d5            | 50.000   | 50.000  | 0.0   | 104   | 0.00     |
| 64 T  | Tetrachloroethene           | 50.000   | 50.943  | -1.9  | 108   | 0.00     |
| 65 PM | Chlorobenzene               | 50.000   | 49.173  | 1.7   | 101   | 0.00     |
| 66 T  | 1,1,1,2-Tetrachloroethane   | 50.000   | 50.104  | -0.2  | 97    | 0.00     |
| 67 C  | Ethyl Benzene               | 50.000   | 49.732  | 0.5#  | 101   | 0.00     |
| 68 T  | m/p-Xylenes                 | 100.000  | 100.650 | -0.7  | 102   | 0.00     |
| 69 T  | o-Xylene                    | 50.000   | 49.893  | 0.2   | 101   | 0.00     |
| 70 T  | Styrene                     | 50.000   | 50.706  | -1.4  | 102   | 0.00     |
| 71 P  | Bromoform                   | 50.000   | 48.980  | 2.0   | 91    | 0.00     |
| 72 I  | 1,4-Dichlorobenzene-d4      | 50.000   | 50.000  | 0.0   | 105   | 0.00     |
| 73 T  | Isopropylbenzene            | 50.000   | 48.484  | 3.0   | 101   | 0.00     |
| 74 T  | N-ethyl acetate             | 50.000   | 47.225  | 5.5   | 91    | 0.00     |
| 75 P  | 1,1,2,2-Tetrachloroethane   | 50.000   | 44.351  | 11.3  | 92    | 0.00     |
| 76 T  | 1,2,3-Trichloropropane      | 50.000   | 43.888  | 12.2  | 88    | 0.00     |
| 77 T  | Bromobenzene                | 50.000   | 48.741  | 2.5   | 100   | 0.00     |
| 78 T  | n-propylbenzene             | 50.000   | 49.750  | 0.5   | 101   | 0.00     |
| 79 T  | 2-Chlorotoluene             | 50.000   | 49.313  | 1.4   | 101   | 0.00     |
| 80 T  | 1,3,5-Trimethylbenzene      | 50.000   | 48.911  | 2.2   | 101   | 0.00     |
| 81 T  | trans-1,4-Dichloro-2-butene | 50.000   | 47.060  | 5.9   | 86    | 0.00     |
| 82 T  | 4-Chlorotoluene             | 50.000   | 48.863  | 2.3   | 102   | 0.00     |
| 83 T  | tert-Butylbenzene           | 50.000   | 47.984  | 4.0   | 98    | 0.00     |
| 84 T  | 1,2,4-Trimethylbenzene      | 50.000   | 50.370  | -0.7  | 103   | 0.00     |
| 85 T  | sec-Butylbenzene            | 50.000   | 50.861  | -1.7  | 104   | 0.00     |
| 86 T  | p-Isopropyltoluene          | 50.000   | 49.435  | 1.1   | 99    | 0.00     |
| 87 T  | 1,3-Dichlorobenzene         | 50.000   | 49.332  | 1.3   | 104   | 0.00     |
| 88 T  | 1,4-Dichlorobenzene         | 50.000   | 48.758  | 2.5   | 104   | 0.00     |
| 89 T  | n-Butylbenzene              | 50.000   | 51.849  | -3.7  | 105   | 0.00     |
| 90 T  | Hexachloroethane            | 50.000   | 51.263  | -2.5  | 103   | 0.00     |
| 91 T  | 1,2-Dichlorobenzene         | 50.000   | 51.080  | -2.2  | 105   | 0.00     |
| 92 T  | 1,2-Dibromo-3-Chloropropane | 50.000   | 44.067  | 11.9  | 90    | 0.00     |
| 93 T  | 1,2,4-Trichlorobenzene      | 50.000   | 48.791  | 2.4   | 101   | 0.00     |
| 94 T  | Hexachlorobutadiene         | 50.000   | 44.879  | 10.2  | 97    | 0.00     |
| 95 T  | Naphthalene                 | 50.000   | 46.146  | 7.7   | 92    | 0.00     |

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX062922\  
Data File : VX029874.D  
Acq On : 29 Jun 2022 20:25  
Operator : JC/MD  
Sample : VSTDCCC050  
Misc : 5.0mL/MSVOA\_X/WATER  
ALS Vial : 28 Sample Multiplier: 1

Instrument :  
MSVOA\_X  
LabSampleId :  
VSTDCCC050

Quant Time: Jun 29 23:02:06 2022  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X062822W.M  
Quant Title : SW846 8260  
QLast Update : Wed Jun 29 05:54:51 2022  
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 | 47.331 | 5.3  | 97    | 0.00     |

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