

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_U\Data\VU051921\  
 Data File : VU043819.D  
 Acq On : 19 May 2021 11:01  
 Operator : SY/MD  
 Sample : VSTDCCC050  
 Misc : 5.0mL/MSVOA\_U/WATER  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 MSVOA\_U  
 LabSampleId :  
 VSTDCCC050

Quant Time: May 20 03:25:53 2021  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_U\Method\SFAMULM051421WMA.M  
 Quant Title : VOC Analysis  
 QLast Update : Fri May 14 04:42:41 2021  
 Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 20% Max. R.T. Dev 0.50min  
 Max. RRF Dev : 25% Max. Rel. Area : 200%

|      | Compound                    | Amount  | Calc.   | %Dev  | Area% | Dev(min) |
|------|-----------------------------|---------|---------|-------|-------|----------|
| 1 I  | 1,4-Difluorobenzene         | 50.000  | 50.000  | 0.0   | 99    | 0.00     |
| 2 T  | Dichlorodifluoromethane     | 50.000  | 46.131  | 7.7   | 94    | 0.00     |
| 3 T  | Chloromethane               | 50.000  | 40.793  | 18.4  | 85    | 0.00     |
| 4 S  | Vinyl Chloride-d3           | 50.000  | 39.539  | 20.9  | 79    | 0.00     |
| 5 T  | Vinyl chloride              | 50.000  | 43.306  | 13.4  | 88    | 0.00     |
| 6 T  | Bromomethane                | 50.000  | 50.250  | -0.5  | 91    | 0.00     |
| 7 S  | Chloroethane-d5             | 50.000  | 40.198  | 19.6  | 80    | 0.00     |
| 8 T  | Chloroethane                | 50.000  | 42.012  | 16.0  | 86    | 0.00     |
| 9 T  | Trichlorofluoromethane      | 50.000  | 45.455  | 9.1   | 92    | 0.00     |
| 10 T | 1,1,2-Trichloro-1,2,2-trifl | 50.000  | 49.430  | 1.1   | 99    | 0.00     |
| 11 S | 1,1-Dichloroethene-d2       | 50.000  | 43.250  | 13.5  | 86    | 0.00     |
| 12 T | 1,1-Dichloroethene          | 50.000  | 47.478  | 5.0   | 96    | 0.00     |
| 13 T | Acetone                     | 100.000 | 120.348 | -20.3 | 122   | 0.00     |
| 14 T | Carbon disulfide            | 50.000  | 45.791  | 8.4   | 93    | 0.00     |
| 15 T | Methyl Acetate              | 50.000  | 43.126  | 13.7  | 87    | 0.00     |
| 16 T | Methylene chloride          | 50.000  | 37.056  | 25.9# | 88    | 0.00     |
| 17 T | trans-1,2-Dichloroethene    | 50.000  | 47.675  | 4.7   | 96    | 0.00     |
| 18 T | Methyl tert-butyl Ether     | 50.000  | 46.858  | 6.3   | 94    | 0.00     |
| 19 T | 1,1-Dichloroethane          | 50.000  | 45.344  | 9.3   | 92    | 0.00     |
| 20 T | cis-1,2-Dichloroethene      | 50.000  | 48.286  | 3.4   | 96    | 0.00     |
| 21 S | 2-Butanone-d5               | 100.000 | 88.068  | 11.9  | 86    | 0.00     |
| 22 T | 2-Butanone                  | 100.000 | 95.931  | 4.1   | 96    | 0.00     |
| 23 T | Bromochloromethane          | 50.000  | 48.182  | 3.6   | 99    | 0.00     |
| 24 S | Chloroform-d                | 50.000  | 45.537  | 8.9   | 91    | 0.00     |
| 25 T | Chloroform                  | 50.000  | 46.997  | 6.0   | 95    | 0.00     |
| 26 S | 1,2-Dichloroethane-d4       | 50.000  | 44.649  | 10.7  | 89    | 0.00     |
| 27 T | 1,2-Dichloroethane          | 50.000  | 45.022  | 10.0  | 91    | 0.00     |
| 28 I | Chlorobenzene-d5            | 50.000  | 50.000  | 0.0   | 100   | 0.00     |
| 29 T | Cyclohexane                 | 50.000  | 46.770  | 6.5   | 91    | 0.00     |
| 30 T | 1,1,1-Trichloroethane       | 50.000  | 47.410  | 5.2   | 96    | 0.00     |
| 31 T | Carbon tetrachloride        | 50.000  | 48.603  | 2.8   | 97    | 0.00     |
| 32 S | Benzene-d6                  | 50.000  | 46.039  | 7.9   | 90    | 0.00     |
| 33 T | Benzene                     | 50.000  | 46.817  | 6.4   | 93    | 0.00     |
| 34 T | Trichloroethene             | 50.000  | 47.173  | 5.7   | 95    | 0.00     |
| 35 T | Methylcyclohexane           | 50.000  | 50.045  | -0.1  | 98    | 0.00     |
| 36 S | 1,2-Dichloropropane-d6      | 50.000  | 45.419  | 9.2   | 90    | 0.00     |
| 37 T | 1,2-Dichloropropane         | 50.000  | 45.277  | 9.4   | 92    | 0.00     |
| 38 T | Bromodichloromethane        | 50.000  | 46.246  | 7.5   | 94    | 0.00     |
| 39 T | cis-1,3-Dichloropropene     | 50.000  | 48.128  | 3.7   | 95    | 0.00     |
| 40 T | 4-Methyl-2-pentanone        | 100.000 | 86.951  | 13.0  | 87    | 0.00     |
| 41 S | Toluene-d8                  | 50.000  | 48.017  | 4.0   | 93    | 0.00     |
| 42 T | Toluene                     | 50.000  | 48.637  | 2.7   | 96    | 0.00     |
| 43 S | trans-1,3-Dichloropropene-d | 50.000  | 46.829  | 6.3   | 93    | 0.00     |
| 44 T | trans-1,3-Dichloropropene   | 50.000  | 48.667  | 2.7   | 96    | 0.00     |
| 45 T | 1,1,2-Trichloroethane       | 50.000  | 46.668  | 6.7   | 95    | 0.00     |
| 46 T | Tetrachloroethene           | 50.000  | 51.662  | -3.3  | 103   | 0.00     |
| 47 S | 2-Hexanone-d5               | 100.000 | 91.979  | 8.0   | 90    | 0.00     |
| 48 T | 2-Hexanone                  | 100.000 | 89.458  | 10.5  | 88    | 0.00     |

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 LabSampleId :  
 VSTDCCC050

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 Quant Title : VOC Analysis  
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 Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 20% Max. R.T. Dev 0.50min  
 Max. RRF Dev : 25% Max. Rel. Area : 200%

|      | Compound                    | Amount | Calc.  | %Dev | Area% | Dev(min) |
|------|-----------------------------|--------|--------|------|-------|----------|
| 49 T | Dibromochloromethane        | 50.000 | 48.488 | 3.0  | 99    | 0.00     |
| 50 T | 1,2-Dibromoethane           | 50.000 | 48.276 | 3.4  | 98    | 0.00     |
| 51 T | Chlorobenzene               | 50.000 | 48.103 | 3.8  | 98    | 0.00     |
| 52 T | Ethylbenzene                | 50.000 | 48.974 | 2.1  | 96    | 0.00     |
| 53 T | m,p-Xylene                  | 50.000 | 51.376 | -2.8 | 99    | 0.00     |
| 54 T | o-xylene                    | 50.000 | 50.001 | -0.0 | 98    | 0.00     |
| 55 T | Styrene                     | 50.000 | 51.533 | -3.1 | 99    | 0.00     |
| 56 S | 1,1,2,2-Tetrachloroethane-d | 50.000 | 45.172 | 9.7  | 92    | 0.00     |
| 57 T | 1,1,2,2-Tetrachloroethane   | 50.000 | 44.669 | 10.7 | 94    | 0.00     |
| 58 I | 1,4-Dichlorobenzene-d4      | 50.000 | 50.000 | 0.0  | 104   | 0.00     |
| 59 T | Bromoform                   | 50.000 | 45.429 | 9.1  | 98    | 0.00     |
| 60 T | 1,2,3-Trichloropropane      | 50.000 | 42.591 | 14.8 | 93    | 0.00     |
| 61 T | Isopropylbenzene            | 50.000 | 48.646 | 2.7  | 99    | 0.00     |
| 62 T | 1,3,5-Trimethylbenzene      | 50.000 | 49.901 | 0.2  | 100   | 0.00     |
| 63 T | 1,2,4-Trimethylbenzene      | 50.000 | 50.391 | -0.8 | 100   | 0.00     |
| 64 T | 1,3-Dichlorobenzene         | 50.000 | 48.987 | 2.0  | 104   | 0.00     |
| 65 T | 1,4-Dichlorobenzene         | 50.000 | 48.597 | 2.8  | 104   | 0.00     |
| 66 S | 1,2-Dichlorobenzene-d4      | 50.000 | 47.677 | 4.6  | 100   | 0.00     |
| 67 T | 1,2-Dichlorobenzene         | 50.000 | 47.946 | 4.1  | 102   | 0.00     |
| 68 T | 1,2-Dibromo-3-chloropropane | 50.000 | 43.607 | 12.8 | 95    | 0.00     |
| 69   | 1,3,5-Trichlorobenzene      | 50.000 | 51.911 | -3.8 | 109   | 0.00     |
| 70 T | 1,2,4-trichlorobenzene      | 50.000 | 52.442 | -4.9 | 108   | 0.00     |
| 71   | Naphthalene                 | 50.000 | 53.700 | -7.4 | 105   | 0.00     |
| 72 T | 1,2,3-Trichlorobenzene      | 50.000 | 53.300 | -6.6 | 107   | 0.00     |

(#) = Out of Range

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