

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_U\Data\VU092123\  
 Data File : VU055451.D  
 Acq On : 21 Sep 2023 17:24  
 Operator : MD/SY  
 Sample : VSTDCCC005EC  
 Misc : 25.0mL/MSVOA\_U/WATER  
 ALS Vial : 16 Sample Multiplier: 1

Instrument :  
 MSVOA\_U  
 LabSampleId :  
 VSTDCCC005EC

Quant Time: Sep 22 02:36:49 2023  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_U\Method\SFAMUTR091923WMA.M  
 Quant Title : TRACE VOA SFAM1.0  
 QLast Update : Fri Sep 22 02:32:08 2023  
 Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 20% Max. R.T. Dev 0.50min  
 Max. RRF Dev : 30% Max. Rel. Area : 200%

|      | Compound                    | Amount | Calc.  | %Dev | Area% | Dev(min) |
|------|-----------------------------|--------|--------|------|-------|----------|
| 1 I  | 1,4-Difluorobenzene         | 5.000  | 5.000  | 0.0  | 112   | 0.00     |
| 2 T  | Dichlorodifluoromethane     | 5.000  | 4.286  | 14.3 | 96    | 0.00     |
| 3 T  | Chloromethane               | 5.000  | 4.484  | 10.3 | 102   | 0.00     |
| 4 S  | Vinyl Chloride-d3           | 5.000  | 3.549  | 29.0 | 79    | 0.00     |
| 5 T  | Vinyl chloride              | 5.000  | 4.566  | 8.7  | 104   | 0.00     |
| 6 T  | Bromomethane                | 5.000  | 4.907  | 1.9  | 109   | 0.00     |
| 7 S  | Chloroethane-d5             | 5.000  | 4.034  | 19.3 | 93    | 0.00     |
| 8 T  | Chloroethane                | 5.000  | 4.683  | 6.3  | 109   | 0.00     |
| 9 T  | Trichlorofluoromethane      | 5.000  | 4.665  | 6.7  | 110   | 0.00     |
| 10 T | 1,1,2-Trichloro-1,2,2-trifl | 5.000  | 4.690  | 6.2  | 108   | 0.00     |
| 11 S | 1,1-Dichloroethene-d2       | 5.000  | 3.918  | 21.6 | 89    | 0.00     |
| 12 T | 1,1-Dichloroethene          | 5.000  | 4.781  | 4.4  | 108   | 0.00     |
| 13 T | Acetone                     | 50.000 | 44.795 | 10.4 | 105   | 0.00     |
| 14 T | Carbon disulfide            | 5.000  | 4.762  | 4.8  | 109   | 0.00     |
| 15 T | Methyl Acetate              | 5.000  | 5.016  | -0.3 | 120   | 0.00     |
| 16 T | Methylene chloride          | 5.000  | 4.439  | 11.2 | 95    | 0.00     |
| 17 T | Methyl tert-butyl Ether     | 5.000  | 4.925  | 1.5  | 112   | 0.00     |
| 18 T | trans-1,2-Dichloroethene    | 5.000  | 4.886  | 2.3  | 110   | 0.00     |
| 19 T | 1,1-Dichloroethane          | 5.000  | 5.008  | -0.2 | 113   | 0.00     |
| 20 S | 2-Butanone-d5               | 50.000 | 51.396 | -2.8 | 113   | 0.00     |
| 21 T | 2-Butanone                  | 50.000 | 48.006 | 4.0  | 109   | 0.00     |
| 22 T | cis-1,2-Dichloroethene      | 5.000  | 4.714  | 5.7  | 110   | 0.00     |
| 23 T | Bromochloromethane          | 5.000  | 4.911  | 1.8  | 112   | 0.00     |
| 24 S | Chloroform-d                | 5.000  | 4.840  | 3.2  | 106   | 0.00     |
| 25 T | Chloroform                  | 5.000  | 5.079  | -1.6 | 114   | 0.00     |
| 26 S | 1,2-Dichloroethane-d4       | 5.000  | 5.099  | -2.0 | 111   | 0.00     |
| 27 T | 1,2-Dichloroethane          | 5.000  | 5.085  | -1.7 | 117   | 0.00     |
| 28 I | Chlorobenzene-d5            | 5.000  | 5.000  | 0.0  | 111   | 0.00     |
| 29 T | 1,1,1-Trichloroethane       | 5.000  | 5.146  | -2.9 | 113   | 0.00     |
| 30 T | Cyclohexane                 | 5.000  | 4.785  | 4.3  | 108   | 0.00     |
| 31 T | Carbon tetrachloride        | 5.000  | 5.211  | -4.2 | 113   | 0.00     |
| 32 S | Benzene-d6                  | 5.000  | 4.665  | 6.7  | 99    | 0.00     |
| 33 T | Benzene                     | 5.000  | 5.071  | -1.4 | 111   | 0.00     |
| 34 T | Trichloroethene             | 5.000  | 5.003  | -0.1 | 114   | 0.00     |
| 35 T | Methylcyclohexane           | 5.000  | 4.789  | 4.2  | 107   | 0.00     |
| 36 S | 1,2-Dichloropropane-d6      | 5.000  | 4.820  | 3.6  | 104   | 0.00     |
| 37 T | 1,2-Dichloropropane         | 5.000  | 4.910  | 1.8  | 112   | 0.00     |
| 38 T | Bromodichloromethane        | 5.000  | 5.169  | -3.4 | 114   | 0.00     |
| 39 T | cis-1,3-Dichloropropene     | 5.000  | 5.264  | -5.3 | 112   | 0.00     |
| 40 T | 4-Methyl-2-pentanone        | 50.000 | 50.670 | -1.3 | 113   | 0.00     |
| 41 S | Toluene-d8                  | 5.000  | 4.657  | 6.9  | 98    | 0.00     |
| 42 T | Toluene                     | 5.000  | 5.180  | -3.6 | 112   | 0.00     |
| 43 S | trans-1,3-Dichloropropene-d | 5.000  | 5.112  | -2.2 | 108   | 0.00     |
| 44 T | trans-1,3-Dichloropropene   | 5.000  | 5.274  | -5.5 | 115   | 0.00     |
| 45 T | 1,1,2-Trichloroethane       | 5.000  | 5.119  | -2.4 | 113   | 0.00     |
| 46 S | 2-Hexanone-d5               | 50.000 | 50.728 | -1.5 | 113   | 0.00     |
| 47 T | Tetrachloroethene           | 5.000  | 5.098  | -2.0 | 111   | 0.00     |
| 48 T | 2-Hexanone                  | 50.000 | 53.189 | -6.4 | 117   | 0.00     |

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 LabSampleId :  
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 QLast Update : Fri Sep 22 02:32:08 2023  
 Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 20% Max. R.T. Dev 0.50min  
 Max. RRF Dev : 30% Max. Rel. Area : 200%

|       | Compound                    | Amount | Calc. | %Dev  | Area% | Dev(min) |
|-------|-----------------------------|--------|-------|-------|-------|----------|
| 49 T  | Dibromochloromethane        | 5.000  | 5.264 | -5.3  | 117   | 0.00     |
| 50 T  | 1,2-Dibromoethane           | 5.000  | 5.136 | -2.7  | 114   | 0.00     |
| 51 T  | Chlorobenzene               | 5.000  | 5.014 | -0.3  | 112   | 0.00     |
| 52 T  | Ethylbenzene                | 5.000  | 5.027 | -0.5  | 111   | 0.00     |
| 53 T  | m,p-Xylene                  | 5.000  | 5.233 | -4.7  | 112   | 0.00     |
| 54 T  | o-Xylene                    | 5.000  | 5.128 | -2.6  | 115   | 0.00     |
| 55 T  | Styrene                     | 5.000  | 5.337 | -6.7  | 114   | 0.00     |
| 56 S  | 1,1,2,2-Tetrachloroethane-d | 5.000  | 5.110 | -2.2  | 110   | 0.00     |
| 57 T  | 1,1,2,2-Tetrachloroethane   | 5.000  | 4.971 | 0.6   | 110   | 0.00     |
| 58 I  | 1,4-Dichlorobenzene-d4      | 5.000  | 5.000 | 0.0   | 110   | 0.00     |
| 59 T  | Bromoform                   | 5.000  | 5.207 | -4.1  | 115   | 0.00     |
| 60    | Isopropylbenzene            | 5.000  | 5.115 | -2.3  | 112   | 0.00     |
| 61    | 1,2,3-Trichloropropane      | 5.000  | 5.017 | -0.3  | 112   | 0.00     |
| 62    | 1,3,5-Trimethylbenzene      | 5.000  | 5.048 | -1.0  | 113   | 0.00     |
| 63    | 1,2,4-Trimethylbenzene      | 5.000  | 5.032 | -0.6  | 112   | 0.00     |
| 64 T  | 1,3-Dichlorobenzene         | 5.000  | 4.978 | 0.4   | 111   | 0.00     |
| 65 T  | 1,4-Dichlorobenzene         | 5.000  | 4.913 | 1.7   | 111   | 0.00     |
| 66 S  | 1,2-Dichlorobenzene-d4      | 5.000  | 4.827 | 3.5   | 106   | 0.00     |
| 67 T  | 1,2-Dichlorobenzene         | 5.000  | 5.115 | -2.3  | 115   | 0.00     |
| 68 T  | 1,2-Dibromo-3-chloropropane | 5.000  | 5.610 | -12.2 | 118   | 0.00     |
| 69 MA | 1,3,5-Trichlorobenzene      | 5.000  | 4.778 | 4.4   | 109   | 0.00     |
| 70 T  | 1,2,4-trichlorobenzene      | 5.000  | 4.867 | 2.7   | 112   | 0.00     |
| 71 MA | Naphthalene                 | 5.000  | 4.870 | 2.6   | 116   | 0.00     |
| 72 T  | 1,2,3-Trichlorobenzene      | 5.000  | 4.892 | 2.2   | 110   | 0.00     |

(#) = Out of Range

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