

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU071725\
 Data File : VU063519.D
 Acq On : 17 Jul 2025 09:25
 Operator : MD/SY
 Sample : VSTDCCC010
 Misc : 25mL/MSVOA_U/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_U
 LabSampleId :
 VSTDCCC010

Quant Time: Jul 18 04:09:20 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\524U071625DW.M
 Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
 QLast Update : Thu Jul 17 03:49:40 2025
 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	Fluorobenzene	1.000	1.000	0.0	108	0.00
2 T	Dichlorodifluoromethane	10.000	9.643	3.6	103	0.00
3 t	Chloromethane	10.000	9.902	1.0	109	0.00
4 Rt	Vinyl Chloride	10.000	9.718	2.8	103	0.00
5 T	Bromomethane	10.000	9.188	8.1	107	0.00
6 T	Chloroethane	10.000	9.774	2.3	104	0.00
7 T	Trichlorofluoromethane	10.000	9.648	3.5	102	0.00
8	1,1,2-Trichloro-1,2,2-trifl	10.000	9.874	1.3	105	0.00
9 Rt	1,1-Dichloroethene	10.000	9.834	1.7	104	0.00
10 t	Iodomethane	10.000	9.096	9.0	102	0.00
11 t	Allyl Chloride	10.000	9.904	1.0	105	0.00
12 t	Acrylonitrile	20.000	19.426	2.9	107	0.00
13 T	Acetone	50.000	76.573	-53.1#	172	0.00
14 T	Carbon Disulfide	10.000	9.597	4.0	101	0.00
15 RT	Methylene Chloride	10.000	9.347	6.5	105	0.00
16 RT	trans-1,2-Dichloroethene	10.000	9.547	4.5	102	0.00
17 t	1,1-Dichloroethane	10.000	9.813	1.9	105	0.00
18 T	2-Butanone	50.000	61.835	-23.7	135	0.00
19	Cyclohexane	10.000	9.447	5.5	102	0.00
20	Methylcyclohexane	10.000	10.376	-3.8	103	0.00
21 T	2,2-Dichloropropane	10.000	9.790	2.1	108	0.00
22 RT	cis-1,2-Dichloroethene	10.000	9.751	2.5	105	0.00
23 t	Diethyl Ether	10.000	10.062	-0.6	104	0.00
24 t	tert-Butyl Alcohol	100.000	96.429	3.6	104	0.00
25 t	Methyl tert-Butyl Ether	10.000	10.052	-0.5	106	0.00
26 t	Bromochloromethane	10.000	10.094	-0.9	106	0.00
27 t	Chloroform	10.000	9.734	2.7	107	0.00
28 RT	1,1,1-Trichloroethane	10.000	9.841	1.6	104	0.00
29 T	1,1-Dichloropropene	10.000	9.703	3.0	106	0.00
30 RT	Carbon Tetrachloride	10.000	10.193	-1.9	107	0.00
31 t	Isopropyl Ether	10.000	9.757	2.4	104	0.00
32	Ethyl-t-butyl ether	10.000	9.745	2.6	104	0.00
33	Tert-Amyl methyl ether	10.000	9.982	0.2	107	0.00
34 t	Propionitrile	50.000	47.084	5.8	108	0.00
35 RT	Benzene	10.000	10.088	-0.9	107	0.00
36 RT	1,2-Dichloroethane	10.000	10.057	-0.6	105	0.00
37 RT	Trichloroethene	10.000	10.590	-5.9	106	0.00
38 Rt	1,2-Dichloropropane	10.000	11.175	-11.8	105	0.00
39 t	Methacrylonitrile	10.000	9.213	7.9	107	0.00
40 t	Methyl acrylate	10.000	9.339	6.6	95	0.00
41 t	Tetrahydrofuran	20.000	17.936	10.3	106	0.00
42 t	1-Chlorobutane	10.000	9.953	0.5	106	0.00
43 T	Dibromomethane	10.000	10.067	-0.7	101	0.00
44 T	Bromodichloromethane	10.000	10.053	-0.5	107	0.00
45 T	4-Methyl-2-Pentanone	50.000	52.266	-4.5	109	0.00
46 t	t-1,4-Dichloro-2-butene	20.000	18.890	5.5	90	0.00
47 t	Methyl methacrylate	20.000	20.900	-4.5	106	0.00
48 t	Ethyl methacrylate	10.000	10.861	-8.6	106	0.00
49 Rt	Toluene	10.000	10.158	-1.6	105	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
50 T	t-1,3-Dichloropropene	10.000	11.010	-10.1	105	0.00
51 T	cis-1,3-Dichloropropene	10.000	10.590	-5.9	107	0.00
52 RT	1,1,2-Trichloroethane	10.000	10.365	-3.7	106	0.00
53 t	1,3-Dichloropropane	10.000	10.044	-0.4	105	0.00
54 t	2-Hexanone	50.000	60.570	-21.1	124	0.00
55 t	Dibromochloromethane	10.000	11.250	-12.5	106	0.00
56 T	1,2-Dibromoethane	10.000	10.326	-3.3	107	0.00
57 S	4-Bromofluorobenzene	1.000	0.965	3.5	107	0.00
58 RT	Tetrachloroethene	10.000	9.712	2.9	101	0.00
59 Rt	Chlorobenzene	10.000	10.255	-2.6	106	0.00
60 T	1,1,1,2-Tetrachloroethane	10.000	10.370	-3.7	104	0.00
61 t	Pentachloroethane	10.000	10.774	-7.7	105	0.00
62 t	Hexachloroethane	10.000	11.016	-10.2	103	0.00
63 Rt	Ethyl Benzene	10.000	10.146	-1.5	106	0.00
64 RT	m/p-Xylenes	20.000	20.632	-3.2	106	0.00
65 RT	o-Xylene	10.000	10.509	-5.1	107	0.00
66 RT	Styrene	10.000	10.792	-7.9	107	0.00
67 t	Bromoform	10.000	11.101	-11.0	106	0.00
68 S	1,2-Dichlorobenzene-d4	1.000	0.968	3.2	102	0.00
69 T	Isopropylbenzene	10.000	10.511	-5.1	106	0.00
70 T	1,1,2,2-Tetrachloroethane	10.000	10.472	-4.7	109	0.00
71 T	1,2,3-Trichloropropane	10.000	10.239	-2.4	101	0.00
72 t	Bromobenzene	10.000	10.490	-4.9	108	0.00
73 t	n-propylbenzene	10.000	10.559	-5.6	105	0.00
74 t	2-Chlorotoluene	10.000	10.457	-4.6	107	0.00
75 t	1,3,5-Trimethylbenzene	10.000	10.596	-6.0	106	0.00
76 t	4-Chlorotoluene	10.000	10.731	-7.3	109	0.00
77 t	tert-Butylbenzene	10.000	10.518	-5.2	106	0.00
78 t	1,2,4-Trimethylbenzene	10.000	10.690	-6.9	106	0.00
79 t	sec-Butylbenzene	10.000	10.493	-4.9	105	0.00
80	Nitrobenzene	50.000	48.829	2.3	102	0.00
81 t	p-Isopropyltoluene	10.000	10.712	-7.1	107	0.00
82 t	1,3-Dichlorobenzene	10.000	10.490	-4.9	107	0.00
83 Rt	1,4-Dichlorobenzene	10.000	10.541	-5.4	106	0.00
84 t	n-Butylbenzene	10.000	11.026	-10.3	107	0.00
85 Rt	1,2-Dichlorobenzene	10.000	10.514	-5.1	106	0.00
86 t	1,2-Dibromo-3-Chloropropane	10.000	10.149	-1.5	109	0.00
87 Rt	1,2,4-Trichlorobenzene	10.000	11.013	-10.1	107	0.00
88 t	Hexachlorobutadiene	10.000	10.464	-4.6	105	0.00
89 t	Naphthalene	10.000	11.071	-10.7	109	0.00
90 t	1,2,3-Trichlorobenzene	10.000	11.161	-11.6	109	0.00

(#) = Out of Range

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