

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU062425\
 Data File : VU063436.D
 Acq On : 24 Jun 2025 13:49
 Operator : MD/SY
 Sample : VSTDCCC010
 Misc : 25mL/MSVOA_U/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_U
 LabSampleId :
 VSTDCCC010

Quant Time: Jun 25 06:25:11 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\524U062325DW.M
 Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
 QLast Update : Wed Jun 25 03:53:43 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	AvgRF	CCRF	%Dev	Area%	Dev(min)
1 i	Fluorobenzene	1.000	1.000	0.0	105	0.00
2 T	Dichlorodifluoromethane	0.384	0.361	6.0	97	0.00
3 t	Chloromethane	0.506	0.387	23.5	83	0.00
4 Rt	Vinyl Chloride	0.433	0.333	23.1	79	0.00
5 T	Bromomethane	0.208	0.179	13.9	94	0.00
6 T	Chloroethane	0.257	0.181	29.6	73	0.00
7 T	Trichlorofluoromethane	0.494	0.418	15.4	87	0.00
8	1,1,2-Trichloro-1,2,2-trifl	0.263	0.255	3.0	100	0.00
9 Rt	1,1-Dichloroethene	0.263	0.254	3.4	99	0.00
10 t	Iodomethane	0.212	0.213	-0.5	91	0.00
11 t	Allyl Chloride	0.468	0.457	2.4	100	0.00
12 t	Acrylonitrile	0.076	0.072	5.3	100	0.00
13 T	Acetone	0.076	0.078	-2.6	116	0.00
14 T	Carbon Disulfide	0.916	0.869	5.1	99	0.00
15 RT	Methylene Chloride	0.333	0.308	7.5	99	0.00
16 RT	trans-1,2-Dichloroethene	0.295	0.287	2.7	101	0.00
17 t	1,1-Dichloroethane	0.620	0.608	1.9	101	0.00
18 T	2-Butanone	0.106	0.107	-0.9	106	0.00
19	Cyclohexane	0.469	0.470	-0.2	102	0.00
20	Methylcyclohexane	0.436	0.459	-5.3	96	0.00
21 T	2,2-Dichloropropane	0.441	0.447	-1.4	106	0.00
22 RT	cis-1,2-Dichloroethene	0.322	0.316	1.9	104	0.00
23 t	Diethyl Ether	0.237	0.194	18.1	83	0.00
24 t	tert-Butyl Alcohol	0.025	0.024	4.0	96	0.00
25 t	Methyl tert-Butyl Ether	0.714	0.711	0.4	101	0.00
26 t	Bromochloromethane	0.126	0.120	4.8	99	0.00
27 t	Chloroform	0.582	0.559	4.0	101	0.00
28 RT	1,1,1-Trichloroethane	0.472	0.470	0.4	100	0.00
29 T	1,1-Dichloropropene	0.431	0.435	-0.9	101	0.00
30 RT	Carbon Tetrachloride	0.377	0.383	-1.6	100	0.00
31 t	Isopropyl Ether	0.969	0.965	0.4	101	0.00
32	Ethyl-t-butyl ether	0.821	0.806	1.8	100	0.00
33	Tert-Amyl methyl ether	0.588	0.611	-3.9	100	0.00
34 t	Propionitrile	0.031	0.029	6.5	104	0.00
35 RT	Benzene	1.303	1.316	-1.0	100	0.00
36 RT	1,2-Dichloroethane	0.381	0.366	3.9	97	0.00
37 RT	Trichloroethene	0.308	0.306	0.6	100	0.00
38 Rt	1,2-Dichloropropane	0.360	0.376	-4.4	102	0.00
39 t	Methacrylonitrile	0.127	0.116	8.7	95	0.00
40 t	Methyl acrylate	0.179	0.178	0.6	92	0.00
41 t	Tetrahydrofuran	0.069	0.058	15.9	93	0.00
42 t	1-Chlorobutane	0.611	0.619	-1.3	102	0.00
43 T	Dibromomethane	0.168	0.168	0.0	101	0.00
44 T	Bromodichloromethane	0.410	0.402	2.0	100	0.00
45 T	4-Methyl-2-Pentanone	0.180	0.187	-3.9	96	0.00
46 t	t-1,4-Dichloro-2-butene	0.059	0.045	23.7	83	0.00
47 t	Methyl methacrylate	0.130	0.149	-14.6	98	0.00
48 t	Ethyl methacrylate	0.233	0.263	-12.9	97	0.00
49 Rt	Toluene	0.715	0.790	-10.5	101	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
50 T	t-1,3-Dichloropropene	0.295	0.339	-14.9	104	0.00
51 T	cis-1,3-Dichloropropene	0.397	0.437	-10.1	102	0.00
52 RT	1,1,2-Trichloroethane	0.246	0.242	1.6	99	0.00
53 t	1,3-Dichloropropane	0.423	0.423	0.0	99	0.00
54 t	2-Hexanone	0.121	0.133	-9.9	100	0.00
55 t	Dibromochloromethane	0.254	0.260	-2.4	100	0.00
56 T	1,2-Dibromoethane	0.199	0.194	2.5	100	0.00
57 S	4-Bromofluorobenzene	0.367	0.383	-4.4	95	0.00
58 RT	Tetrachloroethene	0.302	0.296	2.0	96	0.00
59 Rt	Chlorobenzene	0.766	0.791	-3.3	99	0.00
60 T	1,1,1,2-Tetrachloroethane	0.276	0.271	1.8	99	0.00
61 t	Pentachloroethane	0.225	0.219	2.7	102	0.00
62 t	Hexachloroethane	0.202	0.206	-2.0	102	0.00
63 Rt	Ethyl Benzene	1.228	1.382	-12.5	100	0.00
64 RT	m/p-Xylenes	0.479	0.557	-16.3	100	0.00
65 RT	o-Xylene	0.466	0.523	-12.2	101	0.00
66 RT	Styrene	0.759	0.902	-18.8	101	0.00
67 t	Bromoform	0.139	0.139	0.0	98	0.00
68 S	1,2-Dichlorobenzene-d4	0.369	0.363	1.6	96	0.00
69 T	Isopropylbenzene	1.081	1.212	-12.1	99	0.00
70 T	1,1,2,2-Tetrachloroethane	0.314	0.309	1.6	100	0.00
71 T	1,2,3-Trichloropropane	0.257	0.261	-1.6	115	0.00
72 t	Bromobenzene	0.303	0.319	-5.3	100	0.00
73 t	n-propylbenzene	0.328	0.371	-13.1	100	0.00
74 t	2-Chlorotoluene	0.300	0.332	-10.7	101	0.00
75 t	1,3,5-Trimethylbenzene	1.051	1.247	-18.6	100	0.00
76 t	4-Chlorotoluene	0.314	0.361	-15.0	106	0.00
77 t	tert-Butylbenzene	0.993	1.108	-11.6	100	0.00
78 t	1,2,4-Trimethylbenzene	1.058	1.259	-19.0	101	0.00
79 t	sec-Butylbenzene	1.406	1.592	-13.2	101	0.00
80	Nitrobenzene	0.014	0.012	14.3	89	0.00
81 t	p-Isopropyltoluene	1.099	1.304	-18.7	101	0.00
82 t	1,3-Dichlorobenzene	0.628	0.645	-2.7	100	0.00
83 Rt	1,4-Dichlorobenzene	0.652	0.669	-2.6	100	0.00
84 t	n-Butylbenzene	1.151	1.282	-11.4	99	0.00
85 Rt	1,2-Dichlorobenzene	0.601	0.620	-3.2	99	0.00
86 t	1,2-Dibromo-3-Chloropropane	0.043	0.042	2.3	92	0.00
87 Rt	1,2,4-Trichlorobenzene	0.335	0.340	-1.5	96	0.00
88 t	Hexachlorobutadiene	0.238	0.232	2.5	97	0.00
89 t	Naphthalene	0.558	0.567	-1.6	89	0.00
90 t	1,2,3-Trichlorobenzene	0.333	0.343	-3.0	96	0.00

(#) = Out of Range

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