

Data Path : Z:\voasrv\HPCHEM1\MSVOA_T\Data\VT102725\
 Data File : VT019190.D
 Acq On : 27 Oct 2025 14:48
 Operator : SY/MD
 Sample : VSTDCCC020
 Misc : 5.0mL/MSVOA_T/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_T
 LabSampleId :
 VSTDCCC020

Quant Time: Oct 28 05:53:30 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_T\methods\624T102225W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Fri Oct 24 06:05:07 2025
 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	AvgRF	CCRF	%Dev	Area%	Dev(min)
1 I	Bromochloromethane	1.000	1.000	0.0	129	-0.05
2 M	Dichlorodifluoromethane	0.823	0.720	12.5	117	-0.01
3 M	Chloromethane	1.890	1.455	23.0	103	-0.02
4 M	Vinyl Chloride	2.112	1.488	29.5#	104	-0.02
5 M	Bromomethane	1.754	1.494	14.8	116	0.00
6 M	Chloroethane	1.863	1.285	31.0#	96	-0.01
7 M	Trichlorofluoromethane	3.425	2.480	27.6#	106	-0.02
8 T	Diethyl Ether	2.109	1.547	26.6#	105	-0.03
9	1,1,2-Trichlorotrifluoroeth	1.345	1.311	2.5	120	-0.03
10 M	1,1-Dichloroethene	1.347	1.347	0.0	120	-0.04
11	Methyl Iodide	1.313	1.065	18.9	110	-0.04
12	Methyl Acetate	5.327	4.832	9.3	121	-0.05
13 M	Acrolein	0.180	0.141	21.7	87	-0.04
14 M	Acrylonitrile	1.642	1.358	17.3	115	-0.05
15 M	Acetone	0.585	0.498	14.9	116	-0.03
16 M	Carbon Disulfide	2.516	1.899	24.5	105	-0.04
17	Allyl chloride	3.202	2.825	11.8	130	-0.05
18 M	Methylene Chloride	2.009	1.708	15.0	118	-0.04
19 M	trans-1,2-Dichloroethene	2.073	1.780	14.1	118	-0.05
20 T	Diisopropyl ether	8.152	6.926	15.0	120	-0.05
21 M	1,1-Dichloroethane	3.809	3.137	17.6	115	-0.06
22 M	cis-1,2-Dichloroethene	2.073	1.754	15.4	116	-0.05
23 M	tert-Butyl Alcohol	0.719	0.598	16.8	115	-0.05
24 M	Methyl tert-Butyl Ether	8.095	6.815	15.8	117	-0.06
25 M	Chloroform	3.484	3.003	13.8	122	-0.05
26	Cyclohexane	2.235	1.784	20.2	110	-0.05
27 s	1,2-Dichloroethane-d4	2.628	2.613	0.6	128	-0.05
28 I	1,4-Difluorobenzene	1.000	1.000	0.0	127	-0.04
29	1,1-Dichloropropene	0.314	0.266	15.3	115	-0.04
30 M	2-Butanone	0.387	0.316	18.3	114	-0.05
31	2,2-Dichloropropane	0.460	0.404	12.2	120	-0.05
32 M	1,1,1-Trichloroethane	0.395	0.349	11.6	121	-0.05
33 M	Carbon Tetrachloride	0.253	0.231	8.7	122	-0.04
34 M	Benzene	1.163	0.989	15.0	116	-0.05
35	Methacrylonitrile	0.329	0.301	8.5	116	-0.05
36 M	1,2-Dichloroethane	0.431	0.375	13.0	118	-0.05
37 M	Trichloroethene	0.214	0.187	12.6	120	-0.05
38	Methylcyclohexane	0.316	0.271	14.2	116	-0.05
39 M	1,2-Dichloropropane	0.305	0.264	13.4	118	-0.04
40	Dibromomethane	0.188	0.161	14.4	121	-0.05
41 M	Bromodichloromethane	0.241	0.213	11.6	119	-0.04
42 M	Vinyl Acetate	0.949	0.800	15.7	116	-0.05
43	Ethyl Acetate	0.636	0.573	9.9	123	-0.05
44	Isopropyl Acetate	1.001	0.861	14.0	118	-0.05
45 T	1,4-Dioxane	0.009	0.008	11.1	119	-0.05
46	Methyl methacrylate	0.448	0.385	14.1	119	-0.04
47	n-amyl Acetate	0.674	0.579	14.1	117	-0.04
48 M	t-1,3-Dichloropropene	0.438	0.393	10.3	121	-0.04

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
49 T	cis-1,3-Dichloropropene	0.460	0.404	12.2	121	-0.05
50 M	1,1,2-Trichloroethane	0.276	0.243	12.0	120	-0.04
51	Ethyl methacrylate	0.518	0.465	10.2	120	-0.04
52	1,3-Dichloropropane	0.493	0.430	12.8	119	-0.04
53 M	Dibromochloromethane	0.258	0.240	7.0	126	-0.04
54 M	1,2-Dibromoethane	0.257	0.223	13.2	118	-0.04
55 M	2-Chloroethyl vinyl ether	0.151	0.125	17.2	128	-0.04
56 M	Bromoform	0.169	0.163	3.6	129	-0.04
57 I	Chlorobenzene-d5	1.000	1.000	0.0	123	-0.04
58 M	4-Methyl-2-Pentanone	0.735	0.614	16.5	115	-0.05
59 M	2-Hexanone	0.735	0.614	16.5	115	-0.05
60 S	4-Bromofluorobenzene	0.471	0.464	1.5	124	-0.04
61 M	Tetrachloroethene	0.190	0.168	11.6	118	-0.04
62 M	Toluene	1.344	1.170	12.9	117	-0.05
63 S	Toluene-d8	1.460	1.452	0.5	122	-0.04
64 M	Chlorobenzene	0.821	0.709	13.6	117	-0.04
65	1,1,1,2-Tetrachloroethane	0.267	0.240	10.1	119	-0.04
66 M	Ethyl Benzene	1.460	1.265	13.4	117	-0.04
67 M	m/p-Xylenes	0.543	0.471	13.3	118	-0.04
68 M	o-Xylene	0.560	0.480	14.3	119	-0.04
69 M	Styrene	1.006	0.856	14.9	115	-0.05
70	Isopropylbenzene	1.374	1.195	13.0	117	-0.04
71 M	1,1,2,2-Tetrachloroethane	0.539	0.478	11.3	118	-0.04
72	1,2,3-Trichloropropane	0.398	0.454	-14.1	147	-0.04
73	Bromobenzene	0.323	0.282	12.7	119	-0.05
74	n-propylbenzene	1.657	1.453	12.3	117	-0.04
75	2-Chlorotoluene	1.015	0.899	11.4	119	-0.04
76	1,3,5-Trimethylbenzene	1.128	1.013	10.2	122	-0.04
77	t-1,4-Dichloro-2-butene	0.193	0.182	5.7	124	-0.03
78	4-Chlorotoluene	1.001	0.887	11.4	119	-0.05
79	tert-butylbenzene	1.001	0.891	11.0	114	-0.04
80	1,2,4-Trimethylbenzene	1.176	1.028	12.6	115	-0.04
81	sec-Butylbenzene	1.443	1.259	12.8	116	-0.04
82	p-Isopropyltoluene	1.200	1.054	12.2	117	-0.04
83 M	1,3-Dichlorobenzene	0.634	0.574	9.5	121	-0.04
84 M	1,4-Dichlorobenzene	0.638	0.563	11.8	118	-0.04
85	n-Butylbenzene	1.099	0.950	13.6	114	-0.04
86 T	Hexachloroethane	0.161	0.165	-2.5	134	-0.05
87 M	1,2-Dichlorobenzene	0.633	0.572	9.6	120	-0.04
88	1,2-Dibromo-3-Chloropropane	0.118	0.107	9.3	120	-0.05
89	1,2,4-Trichlorobenzene	0.385	0.341	11.4	118	-0.05
90	Hexachlorobutadiene	0.128	0.116	9.4	115	-0.06
91 M	Naphthalene	1.490	1.256	15.7	114	-0.05
92	1,2,3-Trichlorobenzene	0.389	0.345	11.3	116	-0.05

(#) = Out of Range

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