

Data Path : Z:\voasrv\HPCHEM1\MSVOA_T\Data\VT102725\
 Data File : VT019183.D
 Acq On : 27 Oct 2025 7:36
 Operator : SY/MD
 Sample : VSTDCCC020
 Misc : 5.0mL/MSVOA_T/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_T
 LabSampleId :
 VSTDCCC020

Quant Time: Oct 28 05:49:52 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	125	-0.06
2 M	Dichlorodifluoromethane	0.823	0.775	5.8	123	-0.01
3 M	Chloromethane	1.890	1.745	7.7	120	-0.02
4 M	Vinyl Chloride	2.112	1.734	17.9	117	-0.02
5 M	Bromomethane	1.754	1.471	16.1	111	0.00
6 M	Chloroethane	1.863	1.578	15.3	115	-0.01
7 M	Trichlorofluoromethane	3.425	3.012	12.1	124	-0.02
8 T	Diethyl Ether	2.109	1.803	14.5	119	-0.03
9	1,1,2-Trichlorotrifluoroeth	1.345	1.684	-25.2#	149	-0.03
10 M	1,1-Dichloroethene	1.347	1.681	-24.8	145	-0.04
11	Methyl Iodide	1.313	1.243	5.3	124	-0.04
12	Methyl Acetate	5.327	5.363	-0.7	131	-0.05
13 M	Acrolein	0.180	0.161	10.6	97	-0.05
14 M	Acrylonitrile	1.642	1.486	9.5	122	-0.06
15 M	Acetone	0.585	0.684	-16.9	155#	-0.04
16 M	Carbon Disulfide	2.516	2.275	9.6	121	-0.04
17	Allyl chloride	3.202	2.879	10.1	128	-0.05
18 M	Methylene Chloride	2.009	1.935	3.7	129	-0.05
19 M	trans-1,2-Dichloroethene	2.073	2.027	2.2	130	-0.06
20 T	Diisopropyl ether	8.152	7.973	2.2	134	-0.05
21 M	1,1-Dichloroethane	3.809	3.618	5.0	129	-0.06
22 M	cis-1,2-Dichloroethene	2.073	2.027	2.2	130	-0.06
23 M	tert-Butyl Alcohol	0.719	0.621	13.6	116	-0.07
24 M	Methyl tert-Butyl Ether	8.095	7.740	4.4	128	-0.07
25 M	Chloroform	3.484	3.336	4.2	132	-0.05
26	Cyclohexane	2.235	2.141	4.2	128	-0.05
27 s	1,2-Dichloroethane-d4	2.628	2.723	-3.6	129	-0.05
28 I	1,4-Difluorobenzene	1.000	1.000	0.0	131	-0.05
29	1,1-Dichloropropene	0.314	0.281	10.5	126	-0.05
30 M	2-Butanone	0.387	0.333	14.0	124	-0.06
31	2,2-Dichloropropane	0.460	0.442	3.9	136	-0.05
32 M	1,1,1-Trichloroethane	0.395	0.383	3.0	138	-0.05
33 M	Carbon Tetrachloride	0.253	0.254	-0.4	139	-0.05
34 M	Benzene	1.163	1.076	7.5	131	-0.05
35	Methacrylonitrile	0.329	0.340	-3.3	136	-0.06
36 M	1,2-Dichloroethane	0.431	0.404	6.3	132	-0.05
37 M	Trichloroethene	0.214	0.200	6.5	133	-0.05
38	Methylcyclohexane	0.316	0.299	5.4	133	-0.05
39 M	1,2-Dichloropropane	0.305	0.276	9.5	128	-0.05
40	Dibromomethane	0.188	0.174	7.4	136	-0.05
41 M	Bromodichloromethane	0.241	0.221	8.3	128	-0.05
42 M	Vinyl Acetate	0.949	0.855	9.9	128	-0.06
43	Ethyl Acetate	0.636	0.573	9.9	128	-0.06
44	Isopropyl Acetate	1.001	0.918	8.3	130	-0.05
45 T	1,4-Dioxane	0.009	0.008	11.1	117	-0.06
46	Methyl methacrylate	0.448	0.406	9.4	130	-0.05
47	n-amyl Acetate	0.674	0.604	10.4	126	-0.05
48 M	t-1,3-Dichloropropene	0.438	0.412	5.9	131	-0.05

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
49 T	cis-1,3-Dichloropropene	0.460	0.433	5.9	134	-0.05
50 M	1,1,2-Trichloroethane	0.276	0.253	8.3	129	-0.05
51	Ethyl methacrylate	0.518	0.478	7.7	127	-0.05
52	1,3-Dichloropropane	0.493	0.449	8.9	128	-0.05
53 M	Dibromochloromethane	0.258	0.248	3.9	135	-0.05
54 M	1,2-Dibromoethane	0.257	0.231	10.1	127	-0.05
55 M	2-Chloroethyl vinyl ether	0.151	0.136	9.9	145	-0.05
56 M	Bromoform	0.169	0.171	-1.2	140	-0.05
57 I	Chlorobenzene-d5	1.000	1.000	0.0	124	-0.05
58 M	4-Methyl-2-Pentanone	0.735	0.648	11.8	123	-0.05
59 M	2-Hexanone	0.735	0.648	11.8	123	-0.05
60 S	4-Bromofluorobenzene	0.471	0.457	3.0	124	-0.05
61 M	Tetrachloroethene	0.190	0.185	2.6	131	-0.05
62 M	Toluene	1.344	1.258	6.4	127	-0.05
63 S	Toluene-d8	1.460	1.468	-0.5	125	-0.05
64 M	Chlorobenzene	0.821	0.756	7.9	126	-0.05
65	1,1,1,2-Tetrachloroethane	0.267	0.260	2.6	131	-0.05
66 M	Ethyl Benzene	1.460	1.372	6.0	128	-0.05
67 M	m/p-Xylenes	0.543	0.503	7.4	127	-0.05
68 M	o-Xylene	0.560	0.507	9.5	128	-0.05
69 M	Styrene	1.006	0.921	8.4	126	-0.05
70	Isopropylbenzene	1.374	1.296	5.7	128	-0.05
71 M	1,1,2,2-Tetrachloroethane	0.539	0.496	8.0	124	-0.05
72	1,2,3-Trichloropropane	0.398	0.462	-16.1	152#	-0.05
73	Bromobenzene	0.323	0.306	5.3	131	-0.05
74	n-propylbenzene	1.657	1.568	5.4	129	-0.05
75	2-Chlorotoluene	1.015	0.943	7.1	127	-0.05
76	1,3,5-Trimethylbenzene	1.128	1.091	3.3	133	-0.05
77	t-1,4-Dichloro-2-butene	0.193	0.192	0.5	132	-0.05
78	4-Chlorotoluene	1.001	0.965	3.6	131	-0.05
79	tert-butylbenzene	1.001	0.953	4.8	124	-0.05
80	1,2,4-Trimethylbenzene	1.176	1.094	7.0	125	-0.05
81	sec-Butylbenzene	1.443	1.354	6.2	127	-0.05
82	p-Isopropyltoluene	1.200	1.130	5.8	128	-0.05
83 M	1,3-Dichlorobenzene	0.634	0.605	4.6	130	-0.05
84 M	1,4-Dichlorobenzene	0.638	0.615	3.6	131	-0.05
85	n-Butylbenzene	1.099	1.015	7.6	124	-0.05
86 T	Hexachloroethane	0.161	0.174	-8.1	143	-0.05
87 M	1,2-Dichlorobenzene	0.633	0.601	5.1	128	-0.05
88	1,2-Dibromo-3-Chloropropane	0.118	0.109	7.6	125	-0.05
89	1,2,4-Trichlorobenzene	0.385	0.360	6.5	127	-0.06
90	Hexachlorobutadiene	0.128	0.126	1.6	127	-0.07
91 M	Naphthalene	1.490	1.311	12.0	120	-0.05
92	1,2,3-Trichlorobenzene	0.389	0.364	6.4	125	-0.06

(#) = Out of Range

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