

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX100725\
 Data File : VX048058.D
 Acq On : 07 Oct 2025 19:27
 Operator : JC/MD
 Sample : VSTDICV020
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 ICSVVX100725

Quant Time: Oct 08 02:52:35 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\624X100725W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Wed Oct 08 02:46:46 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	93	0.00
2 M	Dichlorodifluoromethane	2.369	2.348	0.9	89	0.00
3 M	Chloromethane	2.591	2.580	0.4	88	0.00
4 M	Vinyl Chloride	2.602	2.593	0.3	88	0.00
5 M	Bromomethane	1.462	1.627	-11.3	95	0.00
6 M	Chloroethane	1.649	1.679	-1.8	92	0.00
7 M	Trichlorofluoromethane	3.650	3.397	6.9	85	0.00
8 T	Diethyl Ether	1.420	1.351	4.9	86	0.00
9	1,1,2-Trichlorotrifluoroeth	1.968	1.923	2.3	91	0.00
10 M	1,1-Dichloroethene	2.111	1.929	8.6	81	0.00
11	Methyl Iodide	2.757	2.471	10.4	91	0.00
12	Methyl Acetate	2.548	2.515	1.3	89	0.00
13 M	Acrolein	0.427	0.300	29.7#	66	0.00
14 M	Acrylonitrile	1.192	1.182	0.8	89	0.00
15 M	Acetone	0.282	0.275	2.5	86	0.00
16 M	Carbon Disulfide	6.560	6.757	-3.0	92	0.00
17	Allyl chloride	3.897	3.894	0.1	91	0.00
18 M	Methylene Chloride	2.576	2.602	-1.0	92	0.00
19 M	trans-1,2-Dichloroethene	2.230	2.305	-3.4	88	0.00
20 T	Diisopropyl ether	8.112	8.411	-3.7	91	0.00
21 M	1,1-Dichloroethane	4.419	4.393	0.6	89	0.00
22 M	cis-1,2-Dichloroethene	2.719	2.613	3.9	88	0.00
23 M	tert-Butyl Alcohol	0.291	0.282	3.1	89	0.00
24 M	Methyl tert-Butyl Ether	7.406	7.567	-2.2	91	0.00
25 M	Chloroform	4.462	4.598	-3.0	91	0.00
26	Cyclohexane	3.473	3.568	-2.7	91	0.00
27 s	1,2-Dichloroethane-d4	2.987	2.968	0.6	89	0.00
28 I	1,4-Difluorobenzene	1.000	1.000	0.0	91	0.00
29	1,1-Dichloropropene	0.452	0.469	-3.8	92	0.00
30 M	2-Butanone	0.223	0.222	0.4	89	0.00
31	2,2-Dichloropropane	0.496	0.478	3.6	88	0.00
32 M	1,1,1-Trichloroethane	0.582	0.604	-3.8	92	0.00
33 M	Carbon Tetrachloride	0.449	0.417	7.1	84	0.00
34 M	Benzene	1.465	1.482	-1.2	91	0.00
35	Methacrylonitrile	0.263	0.256	2.7	86	0.00
36 M	1,2-Dichloroethane	0.546	0.562	-2.9	91	0.00
37 M	Trichloroethene	0.351	0.350	0.3	92	0.00
38	Methylcyclohexane	0.517	0.517	0.0	94	0.00
39 M	1,2-Dichloropropane	0.374	0.385	-2.9	92	0.00
40	Dibromomethane	0.268	0.251	6.3	80	0.00
41 M	Bromodichloromethane	0.566	0.569	-0.5	91	0.00
42 M	Vinyl Acetate	1.054	1.063	-0.9	92	0.00
43	Ethyl Acetate	0.476	0.450	5.5	85	0.00
44	Isopropyl Acetate	0.810	0.810	0.0	91	0.00
45 T	1,4-Dioxane	0.005	0.005	0.0	88	0.00
46	Methyl methacrylate	0.406	0.406	0.0	92	0.00
47	n-amyl Acetate	0.689	0.710	-3.0	95	0.00
48 M	t-1,3-Dichloropropene	0.553	0.558	-0.9	93	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
49 T	cis-1,3-Dichloropropene	0.595	0.608	-2.2	92	0.00
50 M	1,1,2-Trichloroethane	0.352	0.369	-4.8	92	0.00
51	Ethyl methacrylate	0.534	0.546	-2.2	95	0.00
52	1,3-Dichloropropane	0.609	0.637	-4.6	92	0.00
53 M	Dibromochloromethane	0.347	0.252	27.4#	78	0.00
54 M	1,2-Dibromoethane	0.360	0.393	-9.2	96	0.00
55 M	2-Chloroethyl vinyl ether	0.270	0.236	12.6	78	0.00
56 M	Bromoform	0.004	0.001	75.0#	24#	0.00
57 I	Chlorobenzene-d5	1.000	1.000	0.0	93	0.00
58 M	4-Methyl-2-Pentanone	0.519	0.525	-1.2	89	0.00
59 M	2-Hexanone	0.358	0.360	-0.6	90	0.00
60 S	4-Bromofluorobenzene	0.491	0.491	0.0	91	0.00
61 M	Tetrachloroethene	0.306	0.317	-3.6	95	0.00
62 M	Toluene	1.668	1.685	-1.0	91	0.00
63 S	Toluene-d8	1.337	1.320	1.3	91	0.00
64 M	Chlorobenzene	1.070	1.101	-2.9	94	0.00
65	1,1,1,2-Tetrachloroethane	0.368	0.358	2.7	87	0.00
66 M	Ethyl Benzene	1.811	1.837	-1.4	94	0.00
67 M	m/p-Xylenes	0.685	0.708	-3.4	93	0.00
68 M	o-Xylene	0.651	0.667	-2.5	94	0.00
69 M	Styrene	1.141	1.172	-2.7	91	0.00
70	Isopropylbenzene	1.663	1.718	-3.3	93	0.00
71 M	1,1,2,2-Tetrachloroethane	0.524	0.553	-5.5	91	0.00
72	1,2,3-Trichloropropane	0.454	0.481	-5.9	92	0.00
73	Bromobenzene	0.424	0.439	-3.5	97	0.00
74	n-propylbenzene	2.012	2.056	-2.2	93	0.00
75	2-Chlorotoluene	1.236	1.287	-4.1	94	0.00
76	1,3,5-Trimethylbenzene	1.382	1.437	-4.0	94	0.00
77	t-1,4-Dichloro-2-butene	0.159	0.157	1.3	92	0.00
78	4-Chlorotoluene	1.446	1.485	-2.7	92	0.00
79	tert-butylbenzene	1.347	1.382	-2.6	95	0.00
80	1,2,4-Trimethylbenzene	1.381	1.440	-4.3	93	0.00
81	sec-Butylbenzene	1.647	1.718	-4.3	94	0.00
82	p-Isopropyltoluene	1.366	1.443	-5.6	95	0.00
83 M	1,3-Dichlorobenzene	0.773	0.796	-3.0	94	0.00
84 M	1,4-Dichlorobenzene	0.780	0.815	-4.5	95	0.00
85	n-Butylbenzene	1.265	1.309	-3.5	94	0.00
86 T	Hexachloroethane	0.219	0.245	-11.9	141	0.00
87 M	1,2-Dichlorobenzene	0.741	0.773	-4.3	94	0.00
88	1,2-Dibromo-3-Chloropropane	0.102	0.101	1.0	91	0.00
89	1,2,4-Trichlorobenzene	0.448	0.457	-2.0	95	0.00
90	Hexachlorobutadiene	0.098	0.144	-46.9#	99	0.00
91 M	Naphthalene	1.400	1.409	-0.6	96	0.00
92	1,2,3-Trichlorobenzene	0.436	0.453	-3.9	99	0.00

(#) = Out of Range

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