

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN111325\
 Data File : VN088280.D
 Acq On : 13 Nov 2025 14:52
 Operator : JC\MD
 Sample : VSTDICV020
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 ICSVN111325

Quant Time: Nov 14 00:53:31 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N111325W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Fri Nov 14 00:49:21 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	105	0.00
2 M	Dichlorodifluoromethane	2.109	1.931	8.4	86	0.00
3 M	Chloromethane	2.174	2.160	0.6	99	0.00
4 M	Vinyl Chloride	2.299	2.119	7.8	93	0.00
5 M	Bromomethane	1.226	1.225	0.1	106	0.00
6 M	Chloroethane	1.421	1.268	10.8	89	0.00
7 M	Trichlorofluoromethane	3.223	2.760	14.4	84	0.00
8 T	Diethyl Ether	1.205	1.157	4.0	102	0.00
9	1,1,2-Trichlorotrifluoroeth	1.691	1.437	15.0	84	0.00
10 M	1,1-Dichloroethene	1.650	1.486	9.9	90	0.00
11	Methyl Iodide	1.756	1.476	15.9	89	0.00
12	Methyl Acetate	2.661	2.649	0.5	103	0.00
13 M	Acrolein	0.392	0.385	1.8	114	0.00
14 M	Acrylonitrile	1.209	1.184	2.1	102	0.00
15 M	Acetone	0.354	0.320	9.6	93	0.00
16 M	Carbon Disulfide	5.564	5.230	6.0	93	0.00
17	Allyl chloride	3.206	2.972	7.3	95	-0.01
18 M	Methylene Chloride	2.050	1.996	2.6	100	0.01
19 M	trans-1,2-Dichloroethene	1.921	1.802	6.2	93	-0.01
20 T	Diisopropyl ether	6.850	6.435	6.1	97	0.00
21 M	1,1-Dichloroethane	3.859	3.586	7.1	94	0.00
22 M	cis-1,2-Dichloroethene	2.233	2.127	4.7	99	0.00
23 M	tert-Butyl Alcohol	0.445	0.433	2.7	105	0.00
24 M	Methyl tert-Butyl Ether	6.651	6.451	3.0	102	0.00
25 M	Chloroform	3.824	3.581	6.4	97	0.00
26	Cyclohexane	3.260	2.675	17.9	80	0.00
27 s	1,2-Dichloroethane-d4	2.740	2.745	-0.2	106	0.00
28 I	1,4-Difluorobenzene	1.000	1.000	0.0	100	0.00
29	1,1-Dichloropropene	0.501	0.460	8.2	90	0.00
30 M	2-Butanone	0.324	0.312	3.7	99	0.00
31	2,2-Dichloropropane	0.617	0.535	13.3	85	0.00
32 M	1,1,1-Trichloroethane	0.617	0.572	7.3	91	0.00
33 M	Carbon Tetrachloride	0.527	0.466	11.6	87	0.00
34 M	Benzene	1.496	1.429	4.5	95	0.00
35	Methacrylonitrile	0.338	0.331	2.1	102	0.00
36 M	1,2-Dichloroethane	0.582	0.572	1.7	99	0.00
37 M	Trichloroethene	0.339	0.308	9.1	90	0.00
38	Methylcyclohexane	0.574	0.476	17.1	80	0.00
39 M	1,2-Dichloropropane	0.386	0.376	2.6	99	0.00
40	Dibromomethane	0.277	0.271	2.2	97	0.00
41 M	Bromodichloromethane	0.558	0.554	0.7	103	0.00
42 M	Vinyl Acetate	1.081	1.043	3.5	99	0.00
43	Ethyl Acetate	0.651	0.641	1.5	99	0.00
44	Isopropyl Acetate	1.004	0.996	0.8	102	0.00
45 T	1,4-Dioxane	0.006	0.007	-16.7	110	0.00
46	Methyl methacrylate	0.470	0.433	7.9	96	0.00
47	n-amyl Acetate	0.509	0.495	2.8	108	0.02
48 M	t-1,3-Dichloropropene	0.597	0.554	7.2	99	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
49 T	cis-1,3-Dichloropropene	0.621	0.587	5.5	96	0.00
50 M	1,1,2-Trichloroethane	0.343	0.339	1.2	101	0.00
51	Ethyl methacrylate	0.564	0.530	6.0	101	0.00
52	1,3-Dichloropropane	0.625	0.610	2.4	99	0.00
53 M	Dibromochloromethane	0.394	0.383	2.8	101	0.00
54 M	1,2-Dibromoethane	0.356	0.344	3.4	100	0.00
55 M	2-Chloroethyl vinyl ether	0.325	0.329	-1.2	108	0.00
56 M	Bromoform	0.249	0.233	6.4	99	0.00
57 I	Chlorobenzene-d5	1.000	1.000	0.0	102	0.00
58 M	4-Methyl-2-Pentanone	0.679	0.686	-1.0	103	0.00
59 M	2-Hexanone	0.451	0.420	6.9	98	0.00
60 S	4-Bromofluorobenzene	0.507	0.503	0.8	104	0.00
61 M	Tetrachloroethene	0.309	0.288	6.8	90	0.00
62 M	Toluene	1.722	1.669	3.1	96	0.00
63 S	Toluene-d8	1.420	1.415	0.4	100	0.00
64 M	Chlorobenzene	1.066	1.020	4.3	98	0.00
65	1,1,1,2-Tetrachloroethane	0.365	0.356	2.5	99	0.00
66 M	Ethyl Benzene	1.897	1.771	6.6	94	0.00
67 M	m/p-Xylenes	0.710	0.662	6.8	94	0.00
68 M	o-Xylene	0.669	0.637	4.8	98	0.00
69 M	Styrene	1.137	1.042	8.4	96	0.00
70	Isopropylbenzene	1.774	1.570	11.5	89	0.00
71 M	1,1,2,2-Tetrachloroethane	0.575	0.543	5.6	97	0.00
72	1,2,3-Trichloropropane	0.557	0.583	-4.7	117	0.00
73	Bromobenzene	0.400	0.386	3.5	99	0.00
74	n-propylbenzene	2.195	1.987	9.5	91	0.00
75	2-Chlorotoluene	1.335	1.211	9.3	93	0.00
76	1,3,5-Trimethylbenzene	1.489	1.343	9.8	92	0.00
77	t-1,4-Dichloro-2-butene	0.191	0.166	13.1	95	0.00
78	4-Chlorotoluene	1.353	1.254	7.3	94	0.00
79	tert-butylbenzene	1.275	1.130	11.4	91	0.00
80	1,2,4-Trimethylbenzene	1.481	1.347	9.0	94	0.00
81	sec-Butylbenzene	1.859	1.619	12.9	86	0.00
82	p-Isopropyltoluene	1.536	1.335	13.1	87	0.00
83 M	1,3-Dichlorobenzene	0.778	0.710	8.7	91	0.00
84 M	1,4-Dichlorobenzene	0.788	0.738	6.3	96	0.00
85	n-Butylbenzene	1.464	1.268	13.4	84	0.00
86 T	Hexachloroethane	0.294	0.257	12.6	90	0.00
87 M	1,2-Dichlorobenzene	0.734	0.708	3.5	97	0.00
88	1,2-Dibromo-3-Chloropropane	0.135	0.133	1.5	105	0.00
89	1,2,4-Trichlorobenzene	0.412	0.381	7.5	97	0.00
90	Hexachlorobutadiene	0.160	0.144	10.0	89	0.00
91 M	Naphthalene	1.491	1.374	7.8	98	0.00
92	1,2,3-Trichlorobenzene	0.412	0.381	7.5	97	0.00

(#) = Out of Range

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