

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN112625\
 Data File : VN088368.D
 Acq On : 26 Nov 2025 13:12
 Operator : JC\MD
 Sample : VSTDCCC020
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_N
 LabSampleId :
 VSTDCCC020

Quant Time: Nov 27 00:12:28 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	95	0.00
2 M	Dichlorodifluoromethane	2.109	1.712	18.8	69	0.00
3 M	Chloromethane	2.174	2.147	1.2	89	0.00
4 M	Vinyl Chloride	2.299	2.002	12.9	79	0.00
5 M	Bromomethane	1.226	1.065	13.1	83	0.00
6 M	Chloroethane	1.421	1.314	7.5	83	0.00
7 M	Trichlorofluoromethane	3.223	2.712	15.9	75	0.00
8 T	Diethyl Ether	1.205	1.216	-0.9	96	0.00
9	1,1,2-Trichlorotrifluoroeth	1.691	1.476	12.7	78	0.00
10 M	1,1-Dichloroethene	1.650	1.449	12.2	79	0.00
11	Methyl Iodide	1.756	1.600	8.9	87	0.00
12	Methyl Acetate	2.661	2.909	-9.3	101	0.00
13 M	Acrolein	0.392	0.559	-42.6#	150	0.00
14 M	Acrylonitrile	1.209	1.195	1.2	92	0.00
15 M	Acetone	0.354	0.356	-0.6	93	0.00
16 M	Carbon Disulfide	5.564	4.713	15.3	75	0.00
17	Allyl chloride	3.206	2.891	9.8	83	0.00
18 M	Methylene Chloride	2.050	2.082	-1.6	94	0.00
19 M	trans-1,2-Dichloroethene	1.921	1.698	11.6	79	0.00
20 T	Diisopropyl ether	6.850	6.860	-0.1	93	0.00
21 M	1,1-Dichloroethane	3.859	3.800	1.5	90	0.00
22 M	cis-1,2-Dichloroethene	2.233	2.190	1.9	91	0.00
23 M	tert-Butyl Alcohol	0.445	0.422	5.2	92	-0.01
24 M	Methyl tert-Butyl Ether	6.651	6.598	0.8	94	0.00
25 M	Chloroform	3.824	3.778	1.2	92	0.00
26	Cyclohexane	3.260	2.425	25.6#	65	0.00
27 s	1,2-Dichloroethane-d4	2.740	2.543	7.2	88	0.00
28 I	1,4-Difluorobenzene	1.000	1.000	0.0	81	0.00
29	1,1-Dichloropropene	0.501	0.468	6.6	74	0.00
30 M	2-Butanone	0.324	0.362	-11.7	93	0.00
31	2,2-Dichloropropane	0.617	0.588	4.7	76	0.00
32 M	1,1,1-Trichloroethane	0.617	0.614	0.5	79	0.00
33 M	Carbon Tetrachloride	0.527	0.503	4.6	76	0.00
34 M	Benzene	1.496	1.596	-6.7	86	0.00
35	Methacrylonitrile	0.338	0.381	-12.7	95	0.00
36 M	1,2-Dichloroethane	0.582	0.635	-9.1	89	0.00
37 M	Trichloroethene	0.339	0.367	-8.3	87	0.00
38	Methylcyclohexane	0.574	0.482	16.0	66	0.00
39 M	1,2-Dichloropropane	0.386	0.427	-10.6	91	0.00
40	Dibromomethane	0.277	0.322	-16.2	94	0.00
41 M	Bromodichloromethane	0.558	0.618	-10.8	93	0.00
42 M	Vinyl Acetate	1.081	1.303	-20.5	100	0.00
43	Ethyl Acetate	0.651	0.679	-4.3	85	0.00
44	Isopropyl Acetate	1.004	1.136	-13.1	94	0.00
45 T	1,4-Dioxane	0.006	0.008	-33.3#	100	0.00
46	Methyl methacrylate	0.470	0.525	-11.7	95	0.00
47	n-amyl Acetate	0.509	0.560	-10.0	99	-0.11
48 M	t-1,3-Dichloropropene	0.597	0.620	-3.9	90	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
49 T	cis-1,3-Dichloropropene	0.621	0.670	-7.9	89	0.00
50 M	1,1,2-Trichloroethane	0.343	0.391	-14.0	95	0.00
51	Ethyl methacrylate	0.564	0.611	-8.3	94	0.00
52	1,3-Dichloropropane	0.625	0.693	-10.9	92	0.00
53 M	Dibromochloromethane	0.394	0.446	-13.2	96	0.00
54 M	1,2-Dibromoethane	0.356	0.391	-9.8	93	0.00
55 M	2-Chloroethyl vinyl ether	0.325	0.347	-6.8	92	0.00
56 M	Bromoform	0.249	0.255	-2.4	88	0.00
57 I	Chlorobenzene-d5	1.000	1.000	0.0	81	0.00
58 M	4-Methyl-2-Pentanone	0.679	0.834	-22.8	99	0.00
59 M	2-Hexanone	0.451	0.527	-16.9	98	0.00
60 S	4-Bromofluorobenzene	0.507	0.475	6.3	78	0.00
61 M	Tetrachloroethene	0.309	0.394	-27.5#	97	0.00
62 M	Toluene	1.722	1.829	-6.2	83	0.00
63 S	Toluene-d8	1.420	1.425	-0.4	79	0.00
64 M	Chlorobenzene	1.066	1.114	-4.5	85	0.00
65	1,1,1,2-Tetrachloroethane	0.365	0.413	-13.2	91	0.00
66 M	Ethyl Benzene	1.897	1.867	1.6	79	0.00
67 M	m/p-Xylenes	0.710	0.703	1.0	79	0.00
68 M	o-Xylene	0.669	0.672	-0.4	82	0.00
69 M	Styrene	1.137	1.131	0.5	82	0.00
70	Isopropylbenzene	1.774	1.670	5.9	75	0.00
71 M	1,1,2,2-Tetrachloroethane	0.575	0.624	-8.5	88	0.00
72	1,2,3-Trichloropropane	0.557	0.560	-0.5	89	0.00
73	Bromobenzene	0.400	0.414	-3.5	84	0.00
74	n-propylbenzene	2.195	2.063	6.0	75	0.00
75	2-Chlorotoluene	1.335	1.246	6.7	76	0.00
76	1,3,5-Trimethylbenzene	1.489	1.417	4.8	77	0.00
77	t-1,4-Dichloro-2-butene	0.191	0.200	-4.7	90	0.00
78	4-Chlorotoluene	1.353	1.282	5.2	76	0.00
79	tert-butylbenzene	1.275	1.174	7.9	75	0.00
80	1,2,4-Trimethylbenzene	1.481	1.388	6.3	76	0.00
81	sec-Butylbenzene	1.859	1.708	8.1	72	0.00
82	p-Isopropyltoluene	1.536	1.424	7.3	73	0.00
83 M	1,3-Dichlorobenzene	0.778	0.787	-1.2	80	0.00
84 M	1,4-Dichlorobenzene	0.788	0.772	2.0	80	0.00
85	n-Butylbenzene	1.464	1.283	12.4	68	0.00
86 T	Hexachloroethane	0.294	0.252	14.3	70	0.00
87 M	1,2-Dichlorobenzene	0.734	0.744	-1.4	81	0.00
88	1,2-Dibromo-3-Chloropropane	0.135	0.142	-5.2	89	0.00
89	1,2,4-Trichlorobenzene	0.412	0.427	-3.6	86	0.00
90	Hexachlorobutadiene	0.160	0.145	9.4	71	0.00
91 M	Naphthalene	1.491	1.536	-3.0	86	0.00
92	1,2,3-Trichlorobenzene	0.412	0.427	-3.6	86	0.00

(#) = Out of Range

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