

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN071025\
 Data File : VN087326.D
 Acq On : 10 Jul 2025 15:56
 Operator : JC\MD
 Sample : VSTDCCC020
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_N
 LabSampleId :
 VSTDCCC020

Quant Time: Jul 11 01:12:22 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N062525W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Wed Jun 25 10:49:56 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	123	0.00
2 M	Dichlorodifluoromethane	1.806	1.297	28.2#	97	0.00
3 M	Chloromethane	1.844	1.195	35.2#	94	0.00
4 M	Vinyl Chloride	2.005	1.473	26.5#	101	0.00
5 M	Bromomethane	1.064	0.684	35.7#	87	0.00
6 M	Chloroethane	1.075	1.356	-26.1#	173#	0.00
7 M	Trichlorofluoromethane	2.459	2.348	4.5	125	0.00
8 T	Diethyl Ether	1.208	0.903	25.2#	104	0.00
9	1,1,2-Trichlorotrifluoroeth	1.823	1.467	19.5	108	0.00
10 M	1,1-Dichloroethene	1.817	1.421	21.8	105	0.00
11	Methyl Iodide	1.628	0.824	49.4#	79	0.00
12	Methyl Acetate	2.851	2.088	26.8#	99	0.00
13 M	Acrolein	0.438	0.096	78.1#	33#	0.00
14 M	Acrylonitrile	1.330	0.964	27.5#	97	0.00
15 M	Acetone	0.388	0.301	22.4	101	0.00
16 M	Carbon Disulfide	5.313	3.819	28.1#	97	0.00
17	Allyl chloride	2.997	1.844	38.5#	83	0.01
18 M	Methylene Chloride	2.105	1.774	15.7	112	0.00
19 M	trans-1,2-Dichloroethene	1.987	1.648	17.1	112	0.00
20 T	Diisopropyl ether	6.359	4.380	31.1#	89	0.00
21 M	1,1-Dichloroethane	3.801	2.903	23.6	100	0.00
22 M	cis-1,2-Dichloroethene	2.313	1.996	13.7	118	0.00
23 M	tert-Butyl Alcohol	0.500	0.432	13.6	118	0.00
24 M	Methyl tert-Butyl Ether	6.374	5.336	16.3	115	0.00
25 M	Chloroform	3.641	3.358	7.8	125	0.00
26	Cyclohexane	3.159	1.817	42.5#	79	0.00
27 s	1,2-Dichloroethane-d4	2.260	2.090	7.5	112	0.00
28 I	1,4-Difluorobenzene	1.000	1.000	0.0	109	0.00
29	1,1-Dichloropropene	0.468	0.409	12.6	112	0.00
30 M	2-Butanone	0.315	0.262	16.8	100	0.00
31	2,2-Dichloropropane	0.564	0.570	-1.1	120	0.00
32 M	1,1,1-Trichloroethane	0.546	0.580	-6.2	128	0.00
33 M	Carbon Tetrachloride	0.460	0.492	-7.0	136	0.00
34 M	Benzene	1.481	1.349	8.9	113	0.00
35	Methacrylonitrile	0.318	0.246	22.6	95	0.00
36 M	1,2-Dichloroethane	0.479	0.498	-4.0	123	0.01
37 M	Trichloroethene	0.342	0.346	-1.2	129	0.00
38	Methylcyclohexane	0.537	0.413	23.1	96	0.00
39 M	1,2-Dichloropropane	0.372	0.328	11.8	103	0.00
40	Dibromomethane	0.253	0.272	-7.5	127	0.00
41 M	Bromodichloromethane	0.510	0.523	-2.5	119	0.00
42 M	Vinyl Acetate	1.026	0.802	21.8	93	0.00
43	Ethyl Acetate	0.569	0.486	14.6	95	0.00
44	Isopropyl Acetate	0.928	0.785	15.4	103	0.00
45 T	1,4-Dioxane	0.006	0.007	-16.7	135	0.00
46	Methyl methacrylate	0.431	0.276	36.0#	76	0.00
47	n-amyl Acetate	0.567	0.529	6.7	114	0.00
48 M	t-1,3-Dichloropropene	0.569	0.543	4.6	116	0.00

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN071025\
 Data File : VN087326.D
 Acq On : 10 Jul 2025 15:56
 Operator : JC\MD
 Sample : VSTDCCC020
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_N
 LabSampleId :
 VSTDCCC020

Quant Time: Jul 11 01:12:22 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N062525W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Wed Jun 25 10:49:56 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)
49 T	cis-1,3-Dichloropropene	0.605	0.562	7.1	108	0.00
50 M	1,1,2-Trichloroethane	0.359	0.364	-1.4	120	0.00
51	Ethyl methacrylate	0.547	0.465	15.0	108	0.00
52	1,3-Dichloropropane	0.617	0.578	6.3	110	0.00
53 M	Dibromochloromethane	0.377	0.435	-15.4	139	0.00
54 M	1,2-Dibromoethane	0.371	0.393	-5.9	125	0.00
55 M	2-Chloroethyl vinyl ether	0.313	0.254	18.8	96	0.00
56 M	Bromoform	0.259	0.294	-13.5	138	0.00
57 I	Chlorobenzene-d5	1.000	1.000	0.0	110	0.00
58 M	4-Methyl-2-Pentanone	0.603	0.483	19.9	98	0.00
59 M	2-Hexanone	0.389	0.285	26.7#	98	0.00
60 S	4-Bromofluorobenzene	0.463	0.480	-3.7	118	0.00
61 M	Tetrachloroethene	0.297	0.311	-4.7	128	0.00
62 M	Toluene	1.694	1.583	6.6	113	0.00
63 S	Toluene-d8	1.347	1.323	1.8	104	0.00
64 M	Chlorobenzene	1.081	1.082	-0.1	121	0.00
65	1,1,1,2-Tetrachloroethane	0.357	0.386	-8.1	131	0.00
66 M	Ethyl Benzene	1.855	1.684	9.2	113	0.00
67 M	m/p-Xylenes	0.711	0.685	3.7	119	0.00
68 M	o-Xylene	0.678	0.642	5.3	117	0.00
69 M	Styrene	1.164	1.140	2.1	121	0.00
70	Isopropylbenzene	1.689	1.613	4.5	120	0.00
71 M	1,1,2,2-Tetrachloroethane	0.608	0.625	-2.8	122	0.00
72	1,2,3-Trichloropropane	0.524	0.528	-0.8	125	0.00
73	Bromobenzene	0.410	0.455	-11.0	139	0.00
74	n-propylbenzene	2.063	1.955	5.2	119	0.00
75	2-Chlorotoluene	1.246	1.211	2.8	124	0.00
76	1,3,5-Trimethylbenzene	1.375	1.395	-1.5	130	0.00
77	t-1,4-Dichloro-2-butene	0.232	0.189	18.5	107	0.00
78	4-Chlorotoluene	1.276	1.264	0.9	126	0.00
79	tert-butylbenzene	1.156	1.154	0.2	129	0.00
80	1,2,4-Trimethylbenzene	1.380	1.437	-4.1	135	0.00
81	sec-Butylbenzene	1.680	1.658	1.3	124	0.00
82	p-Isopropyltoluene	1.398	1.426	-2.0	124	0.00
83 M	1,3-Dichlorobenzene	0.789	0.875	-10.9	135	0.00
84 M	1,4-Dichlorobenzene	0.794	0.872	-9.8	135	0.00
85	n-Butylbenzene	1.275	1.208	5.3	116	0.00
86 T	Hexachloroethane	0.265	0.252	4.9	122	0.00
87 M	1,2-Dichlorobenzene	0.744	0.842	-13.2	139	0.00
88	1,2-Dibromo-3-Chloropropane	0.137	0.150	-9.5	135	0.00
89	1,2,4-Trichlorobenzene	0.421	0.449	-6.7	131	0.00
90	Hexachlorobutadiene	0.125	0.118	5.6	117	0.00
91 M	Naphthalene	1.656	1.698	-2.5	130	0.00
92	1,2,3-Trichlorobenzene	0.421	0.449	-6.7	131	0.00

(#) = Out of Range

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