

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN080725\
 Data File : VN087483.D
 Acq On : 07 Aug 2025 10:00
 Operator : JC\MD
 Sample : VSTDCCC020
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_N
 LabSampleId :
 VSTDCCC020

Quant Time: Aug 08 01:14:52 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N080525W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Wed Aug 06 02:01:21 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	99	0.00
2 M	Dichlorodifluoromethane	1.959	1.882	3.9	90	0.00
3 M	Chloromethane	2.010	1.963	2.3	90	0.00
4 M	Vinyl Chloride	2.131	2.100	1.5	91	0.00
5 M	Bromomethane	1.154	1.138	1.4	97	0.00
6 M	Chloroethane	1.374	1.416	-3.1	97	0.00
7 M	Trichlorofluoromethane	3.067	2.896	5.6	89	0.00
8 T	Diethyl Ether	1.278	1.285	-0.5	96	0.00
9	1,1,2-Trichlorotrifluoroeth	1.564	1.514	3.2	94	0.00
10 M	1,1-Dichloroethene	1.643	1.651	-0.5	94	0.00
11	Methyl Iodide	1.294	0.895	30.8#	82	0.00
12	Methyl Acetate	3.032	3.103	-2.3	99	0.00
13 M	Acrolein	0.463	0.588	-27.0#	125	0.00
14 M	Acrylonitrile	1.324	1.260	4.8	92	0.00
15 M	Acetone	0.378	0.400	-5.8	95	0.00
16 M	Carbon Disulfide	5.097	4.764	6.5	91	0.00
17	Allyl chloride	3.349	3.280	2.1	96	0.00
18 M	Methylene Chloride	2.115	2.074	1.9	95	-0.01
19 M	trans-1,2-Dichloroethene	1.954	1.819	6.9	89	0.00
20 T	Diisopropyl ether	7.629	7.125	6.6	90	0.00
21 M	1,1-Dichloroethane	3.944	3.804	3.5	91	0.00
22 M	cis-1,2-Dichloroethene	2.404	2.320	3.5	92	0.00
23 M	tert-Butyl Alcohol	0.563	0.526	6.6	91	0.00
24 M	Methyl tert-Butyl Ether	7.487	7.175	4.2	93	0.00
25 M	Chloroform	4.116	4.060	1.4	95	0.00
26	Cyclohexane	3.157	3.048	3.5	91	0.00
27 s	1,2-Dichloroethane-d4	2.767	2.737	1.1	95	0.00
28 I	1,4-Difluorobenzene	1.000	1.000	0.0	95	0.00
29	1,1-Dichloropropene	0.489	0.473	3.3	91	0.00
30 M	2-Butanone	0.361	0.363	-0.6	94	0.00
31	2,2-Dichloropropane	0.631	0.634	-0.5	94	0.00
32 M	1,1,1-Trichloroethane	0.624	0.610	2.2	93	0.00
33 M	Carbon Tetrachloride	0.518	0.493	4.8	90	0.00
34 M	Benzene	1.545	1.526	1.2	94	0.00
35	Methacrylonitrile	0.389	0.389	0.0	92	0.00
36 M	1,2-Dichloroethane	0.624	0.617	1.1	92	0.00
37 M	Trichloroethene	0.340	0.338	0.6	93	0.00
38	Methylcyclohexane	0.568	0.522	8.1	86	0.00
39 M	1,2-Dichloropropane	0.396	0.394	0.5	93	0.00
40	Dibromomethane	0.297	0.285	4.0	90	0.00
41 M	Bromodichloromethane	0.617	0.608	1.5	95	0.00
42 M	Vinyl Acetate	1.188	1.166	1.9	91	0.00
43	Ethyl Acetate	0.697	0.688	1.3	93	0.00
44	Isopropyl Acetate	1.181	1.150	2.6	91	0.00
45 T	1,4-Dioxane	0.008	0.007	12.5	90	0.00
46	Methyl methacrylate	0.558	0.465	16.7	79	0.00
47	n-amyl Acetate	0.652	0.546	16.3	91	0.00
48 M	t-1,3-Dichloropropene	0.672	0.639	4.9	91	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
49 T	cis-1,3-Dichloropropene	0.676	0.674	0.3	96	0.00
50 M	1,1,2-Trichloroethane	0.375	0.374	0.3	94	0.00
51	Ethyl methacrylate	0.661	0.637	3.6	92	0.00
52	1,3-Dichloropropane	0.676	0.674	0.3	94	0.00
53 M	Dibromochloromethane	0.434	0.424	2.3	94	0.00
54 M	1,2-Dibromoethane	0.399	0.391	2.0	92	0.00
55 M	2-Chloroethyl vinyl ether	0.348	0.299	14.1	81	0.00
56 M	Bromoform	0.287	0.262	8.7	90	0.00
57 I	Chlorobenzene-d5	1.000	1.000	0.0	96	0.00
58 M	4-Methyl-2-Pentanone	0.772	0.775	-0.4	93	0.00
59 M	2-Hexanone	0.524	0.512	2.3	93	0.00
60 S	4-Bromofluorobenzene	0.516	0.509	1.4	94	0.00
61 M	Tetrachloroethene	0.292	0.287	1.7	94	0.00
62 M	Toluene	1.852	1.842	0.5	93	0.00
63 S	Toluene-d8	1.380	1.399	-1.4	97	0.00
64 M	Chlorobenzene	1.138	1.126	1.1	93	0.00
65	1,1,1,2-Tetrachloroethane	0.400	0.397	0.8	94	0.00
66 M	Ethyl Benzene	2.064	2.028	1.7	92	0.00
67 M	m/p-Xylenes	0.758	0.739	2.5	92	0.00
68 M	o-Xylene	0.745	0.719	3.5	91	0.00
69 M	Styrene	1.273	1.245	2.2	92	0.00
70	Isopropylbenzene	1.893	1.827	3.5	90	0.00
71 M	1,1,2,2-Tetrachloroethane	0.649	0.648	0.2	92	0.00
72	1,2,3-Trichloropropane	0.604	0.644	-6.6	109	0.00
73	Bromobenzene	0.439	0.434	1.1	95	0.00
74	n-propylbenzene	2.365	2.318	2.0	92	0.00
75	2-Chlorotoluene	1.455	1.414	2.8	91	0.00
76	1,3,5-Trimethylbenzene	1.621	1.581	2.5	91	0.00
77	t-1,4-Dichloro-2-butene	0.229	0.196	14.4	87	0.00
78	4-Chlorotoluene	1.474	1.468	0.4	95	0.00
79	tert-butylbenzene	1.367	1.295	5.3	89	0.00
80	1,2,4-Trimethylbenzene	1.620	1.592	1.7	93	0.00
81	sec-Butylbenzene	1.990	1.950	2.0	91	0.00
82	p-Isopropyltoluene	1.652	1.576	4.6	89	0.00
83 M	1,3-Dichlorobenzene	0.836	0.827	1.1	93	0.00
84 M	1,4-Dichlorobenzene	0.847	0.842	0.6	93	0.00
85	n-Butylbenzene	1.616	1.582	2.1	91	0.00
86 T	Hexachloroethane	0.323	0.305	5.6	90	0.00
87 M	1,2-Dichlorobenzene	0.798	0.798	0.0	93	0.00
88	1,2-Dibromo-3-Chloropropane	0.164	0.162	1.2	91	0.00
89	1,2,4-Trichlorobenzene	0.477	0.444	6.9	89	0.00
90	Hexachlorobutadiene	0.185	0.165	10.8	84	0.00
91 M	Naphthalene	1.818	1.735	4.6	90	0.00
92	1,2,3-Trichlorobenzene	0.477	0.444	6.9	89	0.00

(#) = Out of Range

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