

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN080625\
 Data File : VN087481.D
 Acq On : 06 Aug 2025 16:08
 Operator : JC\MD
 Sample : VSTDCCC020
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_N
 LabSampleId :
 VSTDCCC020

Quant Time: Aug 07 03:39:15 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	93	0.00
2 M	Dichlorodifluoromethane	1.959	1.920	2.0	87	0.00
3 M	Chloromethane	2.010	1.904	5.3	82	0.00
4 M	Vinyl Chloride	2.131	2.046	4.0	83	0.00
5 M	Bromomethane	1.154	1.071	7.2	86	0.00
6 M	Chloroethane	1.374	1.359	1.1	88	0.00
7 M	Trichlorofluoromethane	3.067	2.963	3.4	86	0.00
8 T	Diethyl Ether	1.278	1.289	-0.9	91	-0.01
9	1,1,2-Trichlorotrifluoroeth	1.564	1.537	1.7	90	-0.01
10 M	1,1-Dichloroethene	1.643	1.607	2.2	87	-0.01
11	Methyl Iodide	1.294	0.943	27.1#	82	0.00
12	Methyl Acetate	3.032	3.093	-2.0	93	0.00
13 M	Acrolein	0.463	0.540	-16.6	109	0.01
14 M	Acrylonitrile	1.324	1.282	3.2	88	0.00
15 M	Acetone	0.378	0.368	2.6	82	0.01
16 M	Carbon Disulfide	5.097	4.563	10.5	82	0.00
17	Allyl chloride	3.349	3.172	5.3	87	0.00
18 M	Methylene Chloride	2.115	1.965	7.1	84	0.00
19 M	trans-1,2-Dichloroethene	1.954	1.806	7.6	84	0.00
20 T	Diisopropyl ether	7.629	7.277	4.6	87	0.00
21 M	1,1-Dichloroethane	3.944	3.781	4.1	85	0.00
22 M	cis-1,2-Dichloroethene	2.404	2.305	4.1	86	0.00
23 M	tert-Butyl Alcohol	0.563	0.537	4.6	88	0.00
24 M	Methyl tert-Butyl Ether	7.487	6.977	6.8	85	0.00
25 M	Chloroform	4.116	4.034	2.0	89	0.00
26	Cyclohexane	3.157	3.121	1.1	87	0.00
27 s	1,2-Dichloroethane-d4	2.767	2.856	-3.2	94	0.00
28 I	1,4-Difluorobenzene	1.000	1.000	0.0	91	0.00
29	1,1-Dichloropropene	0.489	0.459	6.1	85	0.00
30 M	2-Butanone	0.361	0.342	5.3	85	0.00
31	2,2-Dichloropropane	0.631	0.596	5.5	85	0.00
32 M	1,1,1-Trichloroethane	0.624	0.589	5.6	86	0.00
33 M	Carbon Tetrachloride	0.518	0.481	7.1	84	0.00
34 M	Benzene	1.545	1.460	5.5	86	0.00
35	Methacrylonitrile	0.389	0.357	8.2	81	0.00
36 M	1,2-Dichloroethane	0.624	0.598	4.2	85	0.00
37 M	Trichloroethene	0.340	0.322	5.3	85	0.00
38	Methylcyclohexane	0.568	0.496	12.7	79	0.00
39 M	1,2-Dichloropropane	0.396	0.374	5.6	85	0.00
40	Dibromomethane	0.297	0.276	7.1	83	0.00
41 M	Bromodichloromethane	0.617	0.577	6.5	86	0.00
42 M	Vinyl Acetate	1.188	1.237	-4.1	93	0.00
43	Ethyl Acetate	0.697	0.725	-4.0	94	0.00
44	Isopropyl Acetate	1.181	1.114	5.7	85	0.00
45 T	1,4-Dioxane	0.008	0.007	12.5	84	0.00
46	Methyl methacrylate	0.558	0.445	20.3	72	0.00
47	n-amyl Acetate	0.652	0.624	4.3	100	-0.01
48 M	t-1,3-Dichloropropene	0.672	0.606	9.8	83	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
49 T	cis-1,3-Dichloropropene	0.676	0.635	6.1	87	0.00
50 M	1,1,2-Trichloroethane	0.375	0.355	5.3	86	0.00
51	Ethyl methacrylate	0.661	0.625	5.4	87	0.00
52	1,3-Dichloropropane	0.676	0.641	5.2	86	0.00
53 M	Dibromochloromethane	0.434	0.395	9.0	84	0.00
54 M	1,2-Dibromoethane	0.399	0.371	7.0	84	0.00
55 M	2-Chloroethyl vinyl ether	0.348	0.319	8.3	83	0.00
56 M	Bromoform	0.287	0.255	11.1	84	0.00
57 I	Chlorobenzene-d5	1.000	1.000	0.0	93	0.00
58 M	4-Methyl-2-Pentanone	0.772	0.740	4.1	86	0.00
59 M	2-Hexanone	0.524	0.481	8.2	85	0.00
60 S	4-Bromofluorobenzene	0.516	0.510	1.2	92	0.00
61 M	Tetrachloroethene	0.292	0.272	6.8	87	0.00
62 M	Toluene	1.852	1.698	8.3	83	0.00
63 S	Toluene-d8	1.380	1.370	0.7	93	0.00
64 M	Chlorobenzene	1.138	1.046	8.1	84	0.00
65	1,1,1,2-Tetrachloroethane	0.400	0.354	11.5	82	0.00
66 M	Ethyl Benzene	2.064	1.916	7.2	84	0.00
67 M	m/p-Xylenes	0.758	0.692	8.7	84	0.00
68 M	o-Xylene	0.745	0.679	8.9	84	0.00
69 M	Styrene	1.273	1.145	10.1	82	0.00
70	Isopropylbenzene	1.893	1.724	8.9	83	0.00
71 M	1,1,2,2-Tetrachloroethane	0.649	0.606	6.6	83	0.00
72	1,2,3-Trichloropropane	0.604	0.624	-3.3	103	0.00
73	Bromobenzene	0.439	0.391	10.9	83	0.00
74	n-propylbenzene	2.365	2.185	7.6	85	0.00
75	2-Chlorotoluene	1.455	1.323	9.1	83	0.00
76	1,3,5-Trimethylbenzene	1.621	1.454	10.3	82	0.00
77	t-1,4-Dichloro-2-butene	0.229	0.196	14.4	85	0.00
78	4-Chlorotoluene	1.474	1.355	8.1	86	0.00
79	tert-butylbenzene	1.367	1.244	9.0	83	0.00
80	1,2,4-Trimethylbenzene	1.620	1.497	7.6	85	0.00
81	sec-Butylbenzene	1.990	1.830	8.0	83	0.00
82	p-Isopropyltoluene	1.652	1.493	9.6	82	0.00
83 M	1,3-Dichlorobenzene	0.836	0.770	7.9	84	0.00
84 M	1,4-Dichlorobenzene	0.847	0.792	6.5	85	0.00
85	n-Butylbenzene	1.616	1.487	8.0	83	0.00
86 T	Hexachloroethane	0.323	0.287	11.1	82	0.00
87 M	1,2-Dichlorobenzene	0.798	0.747	6.4	85	0.00
88	1,2-Dibromo-3-Chloropropane	0.164	0.144	12.2	79	0.00
89	1,2,4-Trichlorobenzene	0.477	0.425	10.9	83	0.00
90	Hexachlorobutadiene	0.185	0.152	17.8	75	0.00
91 M	Naphthalene	1.818	1.610	11.4	82	0.00
92	1,2,3-Trichlorobenzene	0.477	0.425	10.9	83	0.00

(#) = Out of Range

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