

Data Path : Z:\voasrv\HPCHEM1\MSVOA_T\Data\VT102425\
 Data File : VT019181.D
 Acq On : 24 Oct 2025 15:53
 Operator : SY/MD
 Sample : VSTDCCC020
 Misc : 5.0mL/MSVOA_T/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_T
 LabSampleId :
 VSTDCCC020

Quant Time: Oct 25 01:47:12 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_T\methods\624T102225W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Fri Oct 24 06:05:07 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	Amount	Calc.	%Dev	Area%	Dev(min)
1 I	Bromochloromethane	30.000	30.000	0.0	111	-0.03
2 M	Dichlorodifluoromethane	20.000	18.615	6.9	108	0.00
3 M	Chloromethane	20.000	19.640	1.8	113	-0.01
4 M	Vinyl Chloride	20.000	16.979	15.1	108	-0.02
5 M	Bromomethane	20.000	18.217	8.9	107	0.00
6 M	Chloroethane	20.000	16.944	15.3	102	0.00
7 M	Trichlorofluoromethane	20.000	17.053	14.7	107	-0.01
8 T	Diethyl Ether	20.000	18.293	8.5	113	-0.02
9	1,1,2-Trichlorotrifluoroeth	20.000	18.603	7.0	99	-0.02
10 M	1,1-Dichloroethene	20.000	19.152	4.2	99	-0.03
11	Methyl Iodide	20.000	19.945	0.3	116	-0.02
12	Methyl Acetate	20.000	22.012	-10.1	127	-0.03
13 M	Acrolein	100.000	66.910	33.1#	64	-0.02
14 M	Acrylonitrile	100.000	93.744	6.3	112	-0.03
15 M	Acetone	100.000	82.726	17.3	97	-0.02
16 M	Carbon Disulfide	20.000	17.932	10.3	107	-0.02
17	Allyl chloride	20.000	20.423	-2.1	129	-0.02
18 M	Methylene Chloride	20.000	19.488	2.6	116	-0.02
19 M	trans-1,2-Dichloroethene	20.000	20.390	-2.0	121	-0.03
20 T	Diisopropyl ether	20.000	19.783	1.1	120	-0.02
21 M	1,1-Dichloroethane	20.000	19.522	2.4	118	-0.04
22 M	cis-1,2-Dichloroethene	20.000	20.390	-2.0	121	-0.03
23 M	tert-Butyl Alcohol	100.000	92.428	7.6	110	-0.04
24 M	Methyl tert-Butyl Ether	20.000	19.713	1.4	118	-0.04
25 M	Chloroform	20.000	20.155	-0.8	123	-0.03
26	Cyclohexane	20.000	18.436	7.8	110	-0.03
27 s	1,2-Dichloroethane-d4	30.000	29.582	1.4	109	-0.03
28 I	1,4-Difluorobenzene	30.000	30.000	0.0	110	-0.02
29	1,1-Dichloropropene	20.000	19.534	2.3	115	-0.03
30 M	2-Butanone	100.000	89.095	10.9	108	-0.03
31	2,2-Dichloropropane	20.000	19.653	1.7	116	-0.02
32 M	1,1,1-Trichloroethane	20.000	20.116	-0.6	120	-0.03
33 M	Carbon Tetrachloride	20.000	20.616	-3.1	120	-0.02
34 M	Benzene	20.000	19.645	1.8	117	-0.03
35	Methacrylonitrile	20.000	18.264	8.7	100	-0.03
36 M	1,2-Dichloroethane	20.000	19.816	0.9	117	-0.02
37 M	Trichloroethene	20.000	20.273	-1.4	121	-0.02
38	Methylcyclohexane	20.000	19.040	4.8	112	-0.02
39 M	1,2-Dichloropropane	20.000	20.109	-0.5	119	-0.02
40	Dibromomethane	20.000	20.259	-1.3	125	-0.03
41 M	Bromodichloromethane	20.000	20.842	-4.2	122	-0.03
42 M	Vinyl Acetate	100.000	94.488	5.5	113	-0.03
43	Ethyl Acetate	20.000	20.228	-1.1	120	-0.03
44	Isopropyl Acetate	20.000	19.398	3.0	115	-0.03
45 T	1,4-Dioxane	400.000	386.327	3.4	105	-0.04
46	Methyl methacrylate	20.000	19.853	0.7	119	-0.02
47	n-amyl Acetate	20.000	19.673	1.6	116	-0.03
48 M	t-1,3-Dichloropropene	20.000	20.436	-2.2	120	-0.02

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
49 T	cis-1,3-Dichloropropene	20.000	20.734	-3.7	124	-0.02
50 M	1,1,2-Trichloroethane	20.000	20.477	-2.4	121	-0.02
51	Ethyl methacrylate	20.000	20.219	-1.1	117	-0.02
52	1,3-Dichloropropane	20.000	20.406	-2.0	121	-0.03
53 M	Dibromochloromethane	20.000	21.144	-5.7	124	-0.02
54 M	1,2-Dibromoethane	20.000	20.167	-0.8	119	-0.02
55 M	2-Chloroethyl vinyl ether	100.000	95.449	4.6	128	-0.02
56 M	Bromoform	20.000	21.432	-7.2	124	-0.03
57 I	Chlorobenzene-d5	30.000	30.000	0.0	106	-0.03
58 M	4-Methyl-2-Pentanone	100.000	96.184	3.8	115	-0.03
59 M	2-Hexanone	100.000	96.184	3.8	115	-0.03
60 S	4-Bromofluorobenzene	30.000	29.595	1.4	108	-0.03
61 M	Tetrachloroethene	20.000	20.824	-4.1	120	-0.02
62 M	Toluene	20.000	20.374	-1.9	119	-0.03
63 S	Toluene-d8	30.000	29.823	0.6	106	-0.02
64 M	Chlorobenzene	20.000	20.499	-2.5	120	-0.03
65	1,1,1,2-Tetrachloroethane	20.000	21.391	-7.0	123	-0.02
66 M	Ethyl Benzene	20.000	20.425	-2.1	119	-0.03
67 M	m/p-Xylenes	40.000	40.593	-1.5	119	-0.02
68 M	o-Xylene	20.000	20.190	-1.0	122	-0.03
69 M	Styrene	20.000	19.950	0.3	117	-0.03
70	Isopropylbenzene	20.000	20.568	-2.8	120	-0.02
71 M	1,1,2,2-Tetrachloroethane	20.000	20.818	-4.1	120	-0.03
72	1,2,3-Trichloropropane	20.000	21.832	-9.2	122	-0.03
73	Bromobenzene	20.000	20.770	-3.8	123	-0.03
74	n-propylbenzene	20.000	20.311	-1.6	118	-0.02
75	2-Chlorotoluene	20.000	20.607	-3.0	120	-0.03
76	1,3,5-Trimethylbenzene	20.000	20.845	-4.2	123	-0.02
77	t-1,4-Dichloro-2-butene	20.000	20.733	-3.7	118	-0.02
78	4-Chlorotoluene	20.000	20.378	-1.9	119	-0.03
79	tert-butylbenzene	20.000	20.837	-4.2	116	-0.02
80	1,2,4-Trimethylbenzene	20.000	20.369	-1.8	117	-0.03
81	sec-Butylbenzene	20.000	20.281	-1.4	117	-0.03
82	p-Isopropyltoluene	20.000	20.636	-3.2	120	-0.03
83 M	1,3-Dichlorobenzene	20.000	20.918	-4.6	122	-0.03
84 M	1,4-Dichlorobenzene	20.000	20.944	-4.7	122	-0.02
85	n-Butylbenzene	20.000	20.060	-0.3	115	-0.03
86 T	Hexachloroethane	20.000	22.491	-12.5	128	-0.03
87 M	1,2-Dichlorobenzene	20.000	21.716	-8.6	125	-0.03
88	1,2-Dibromo-3-Chloropropane	20.000	20.099	-0.5	116	-0.03
89	1,2,4-Trichlorobenzene	20.000	20.632	-3.2	120	-0.04
90	Hexachlorobutadiene	20.000	20.968	-4.8	116	-0.04
91 M	Naphthalene	20.000	20.507	-2.5	120	-0.03
92	1,2,3-Trichlorobenzene	20.000	21.014	-5.1	120	-0.04

(#) = Out of Range

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