

Data Path : Z:\voasrv\HPCHEM1\MSVOA_T\Data\VT102425\
 Data File : VT019172.D
 Acq On : 24 Oct 2025 9:46
 Operator : SY/MD
 Sample : VSTDCCC020
 Misc : 5.0mL/MSVOA_T/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_T
 LabSampleId :
 VSTDCCC020

Quant Time: Oct 25 01:39:08 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	119	-0.02
2 M	Dichlorodifluoromethane	20.000	19.605	2.0	122	0.00
3 M	Chloromethane	20.000	18.058	9.7	112	0.00
4 M	Vinyl Chloride	20.000	18.283	8.6	125	-0.01
5 M	Bromomethane	20.000	19.226	3.9	121	0.01
6 M	Chloroethane	20.000	16.903	15.5	109	0.00
7 M	Trichlorofluoromethane	20.000	18.317	8.4	124	0.00
8 T	Diethyl Ether	20.000	18.054	9.7	120	-0.02
9	1,1,2-Trichlorotrifluoroeth	20.000	20.110	-0.5	115	-0.01
10 M	1,1-Dichloroethene	20.000	18.969	5.2	105	-0.02
11	Methyl Iodide	20.000	19.012	4.9	119	-0.02
12	Methyl Acetate	20.000	19.903	0.5	123	-0.03
13 M	Acrolein	100.000	108.837	-8.8	112	-0.02
14 M	Acrylonitrile	100.000	91.623	8.4	118	-0.03
15 M	Acetone	100.000	91.075	8.9	115	-0.02
16 M	Carbon Disulfide	20.000	17.618	11.9	113	-0.02
17	Allyl chloride	20.000	20.087	-0.4	137	-0.02
18 M	Methylene Chloride	20.000	18.191	9.0	117	-0.02
19 M	trans-1,2-Dichloroethene	20.000	18.748	6.3	119	-0.03
20 T	Diisopropyl ether	20.000	19.026	4.9	124	-0.02
21 M	1,1-Dichloroethane	20.000	18.219	8.9	118	-0.04
22 M	cis-1,2-Dichloroethene	20.000	18.748	6.3	119	-0.03
23 M	tert-Butyl Alcohol	100.000	91.242	8.8	117	-0.04
24 M	Methyl tert-Butyl Ether	20.000	19.128	4.4	123	-0.03
25 M	Chloroform	20.000	19.056	4.7	125	-0.02
26	Cyclohexane	20.000	19.018	4.9	122	-0.02
27 s	1,2-Dichloroethane-d4	30.000	30.289	-1.0	120	-0.02
28 I	1,4-Difluorobenzene	30.000	30.000	0.0	119	-0.02
29	1,1-Dichloropropene	20.000	18.436	7.8	118	-0.03
30 M	2-Butanone	100.000	90.349	9.7	119	-0.03
31	2,2-Dichloropropane	20.000	19.793	1.0	127	-0.02
32 M	1,1,1-Trichloroethane	20.000	19.392	3.0	126	-0.03
33 M	Carbon Tetrachloride	20.000	20.081	-0.4	127	-0.03
34 M	Benzene	20.000	18.834	5.8	122	-0.03
35	Methacrylonitrile	20.000	20.218	-1.1	121	-0.02
36 M	1,2-Dichloroethane	20.000	19.336	3.3	124	-0.02
37 M	Trichloroethene	20.000	18.746	6.3	122	-0.03
38	Methylcyclohexane	20.000	19.509	2.5	124	-0.03
39 M	1,2-Dichloropropane	20.000	18.740	6.3	120	-0.02
40	Dibromomethane	20.000	18.962	5.2	127	-0.03
41 M	Bromodichloromethane	20.000	19.163	4.2	122	-0.02
42 M	Vinyl Acetate	100.000	95.643	4.4	124	-0.03
43	Ethyl Acetate	20.000	17.751	11.2	115	-0.03
44	Isopropyl Acetate	20.000	18.821	5.9	122	-0.03
45 T	1,4-Dioxane	400.000	341.768	14.6	101	-0.03
46	Methyl methacrylate	20.000	19.030	4.8	124	-0.02
47	n-amyl Acetate	20.000	19.227	3.9	123	-0.02
48 M	t-1,3-Dichloropropene	20.000	19.841	0.8	126	-0.02

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
49 T	cis-1,3-Dichloropropene	20.000	19.527	2.4	127	-0.03
50 M	1,1,2-Trichloroethane	20.000	19.069	4.7	122	-0.02
51	Ethyl methacrylate	20.000	19.530	2.3	123	-0.02
52	1,3-Dichloropropane	20.000	18.970	5.2	122	-0.03
53 M	Dibromochloromethane	20.000	19.863	0.7	127	-0.03
54 M	1,2-Dibromoethane	20.000	19.497	2.5	125	-0.02
55 M	2-Chloroethyl vinyl ether	100.000	83.758	16.2	122	-0.02
56 M	Bromoform	20.000	20.596	-3.0	130	-0.03
57 I	Chlorobenzene-d5	30.000	30.000	0.0	117	-0.03
58 M	4-Methyl-2-Pentanone	100.000	89.972	10.0	118	-0.03
59 M	2-Hexanone	100.000	89.972	10.0	118	-0.03
60 S	4-Bromofluorobenzene	30.000	29.661	1.1	119	-0.03
61 M	Tetrachloroethene	20.000	19.125	4.4	121	-0.02
62 M	Toluene	20.000	18.795	6.0	120	-0.03
63 S	Toluene-d8	30.000	29.331	2.2	114	-0.02
64 M	Chlorobenzene	20.000	18.293	8.5	118	-0.03
65	1,1,1,2-Tetrachloroethane	20.000	20.138	-0.7	127	-0.02
66 M	Ethyl Benzene	20.000	18.461	7.7	119	-0.03
67 M	m/p-Xylenes	40.000	37.457	6.4	121	-0.02
68 M	o-Xylene	20.000	18.570	7.1	123	-0.03
69 M	Styrene	20.000	18.952	5.2	123	-0.03
70	Isopropylbenzene	20.000	19.593	2.0	125	-0.03
71 M	1,1,2,2-Tetrachloroethane	20.000	18.977	5.1	120	-0.03
72	1,2,3-Trichloropropane	20.000	22.945	-14.7	141	-0.02
73	Bromobenzene	20.000	19.145	4.3	124	-0.03
74	n-propylbenzene	20.000	19.130	4.4	122	-0.02
75	2-Chlorotoluene	20.000	19.443	2.8	125	-0.03
76	1,3,5-Trimethylbenzene	20.000	19.265	3.7	124	-0.02
77	t-1,4-Dichloro-2-butene	20.000	20.027	-0.1	126	-0.02
78	4-Chlorotoluene	20.000	19.208	4.0	123	-0.03
79	tert-butylbenzene	20.000	19.143	4.3	117	-0.02
80	1,2,4-Trimethylbenzene	20.000	18.957	5.2	120	-0.03
81	sec-Butylbenzene	20.000	19.474	2.6	123	-0.03
82	p-Isopropyltoluene	20.000	19.496	2.5	124	-0.03
83 M	1,3-Dichlorobenzene	20.000	19.782	1.1	126	-0.03
84 M	1,4-Dichlorobenzene	20.000	19.723	1.4	126	-0.03
85	n-Butylbenzene	20.000	19.453	2.7	123	-0.03
86 T	Hexachloroethane	20.000	21.905	-9.5	137	-0.04
87 M	1,2-Dichlorobenzene	20.000	20.089	-0.4	127	-0.03
88	1,2-Dibromo-3-Chloropropane	20.000	19.495	2.5	124	-0.03
89	1,2,4-Trichlorobenzene	20.000	20.365	-1.8	130	-0.04
90	Hexachlorobutadiene	20.000	21.165	-5.8	128	-0.04
91 M	Naphthalene	20.000	20.157	-0.8	130	-0.03
92	1,2,3-Trichlorobenzene	20.000	19.881	0.6	125	-0.04

(#) = Out of Range

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