

Data Path : Z:\voasrv\HPCHEM1\MSVOA_T\Data\VT102725\
 Data File : VT019183.D
 Acq On : 27 Oct 2025 7:36
 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 28 05:49:52 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	125	-0.06
2 M	Dichlorodifluoromethane	20.000	18.833	5.8	123	-0.01
3 M	Chloromethane	20.000	18.465	7.7	120	-0.02
4 M	Vinyl Chloride	20.000	16.421	17.9	117	-0.02
5 M	Bromomethane	20.000	16.778	16.1	111	0.00
6 M	Chloroethane	20.000	16.946	15.3	115	-0.01
7 M	Trichlorofluoromethane	20.000	17.584	12.1	124	-0.02
8 T	Diethyl Ether	20.000	17.095	14.5	119	-0.03
9	1,1,2-Trichlorotrifluoroeth	20.000	25.051	-25.3#	149	-0.03
10 M	1,1-Dichloroethene	20.000	24.960	-24.8	145	-0.04
11	Methyl Iodide	20.000	18.936	5.3	124	-0.04
12	Methyl Acetate	20.000	20.132	-0.7	131	-0.05
13 M	Acrolein	100.000	89.834	10.2	97	-0.05
14 M	Acrylonitrile	100.000	90.477	9.5	122	-0.06
15 M	Acetone	100.000	116.914	-16.9	155	-0.04
16 M	Carbon Disulfide	20.000	18.083	9.6	121	-0.04
17	Allyl chloride	20.000	17.978	10.1	128	-0.05
18 M	Methylene Chloride	20.000	19.256	3.7	129	-0.05
19 M	trans-1,2-Dichloroethene	20.000	19.560	2.2	130	-0.06
20 T	Diisopropyl ether	20.000	19.560	2.2	134	-0.05
21 M	1,1-Dichloroethane	20.000	18.996	5.0	129	-0.06
22 M	cis-1,2-Dichloroethene	20.000	19.560	2.2	130	-0.06
23 M	tert-Butyl Alcohol	100.000	86.379	13.6	116	-0.07
24 M	Methyl tert-Butyl Ether	20.000	19.122	4.4	128	-0.07
25 M	Chloroform	20.000	19.150	4.3	132	-0.05
26	Cyclohexane	20.000	19.157	4.2	128	-0.05
27 s	1,2-Dichloroethane-d4	30.000	31.083	-3.6	129	-0.05
28 I	1,4-Difluorobenzene	30.000	30.000	0.0	131	-0.05
29	1,1-Dichloropropene	20.000	17.903	10.5	126	-0.05
30 M	2-Butanone	100.000	85.952	14.0	124	-0.06
31	2,2-Dichloropropane	20.000	19.243	3.8	136	-0.05
32 M	1,1,1-Trichloroethane	20.000	19.392	3.0	138	-0.05
33 M	Carbon Tetrachloride	20.000	20.061	-0.3	139	-0.05
34 M	Benzene	20.000	18.508	7.5	131	-0.05
35	Methacrylonitrile	20.000	20.655	-3.3	136	-0.06
36 M	1,2-Dichloroethane	20.000	18.744	6.3	132	-0.05
37 M	Trichloroethene	20.000	18.662	6.7	133	-0.05
38	Methylcyclohexane	20.000	18.913	5.4	133	-0.05
39 M	1,2-Dichloropropane	20.000	18.115	9.4	128	-0.05
40	Dibromomethane	20.000	18.491	7.5	136	-0.05
41 M	Bromodichloromethane	20.000	18.290	8.6	128	-0.05
42 M	Vinyl Acetate	100.000	90.022	10.0	128	-0.06
43	Ethyl Acetate	20.000	18.002	10.0	128	-0.06
44	Isopropyl Acetate	20.000	18.339	8.3	130	-0.05
45 T	1,4-Dioxane	400.000	359.094	10.2	117	-0.06
46	Methyl methacrylate	20.000	18.147	9.3	130	-0.05
47	n-amyl Acetate	20.000	17.929	10.4	126	-0.05
48 M	t-1,3-Dichloropropene	20.000	18.803	6.0	131	-0.05

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
49 T	cis-1,3-Dichloropropene	20.000	18.835	5.8	134	-0.05
50 M	1,1,2-Trichloroethane	20.000	18.331	8.3	129	-0.05
51	Ethyl methacrylate	20.000	18.454	7.7	127	-0.05
52	1,3-Dichloropropane	20.000	18.200	9.0	128	-0.05
53 M	Dibromochloromethane	20.000	19.264	3.7	135	-0.05
54 M	1,2-Dibromoethane	20.000	18.014	9.9	127	-0.05
55 M	2-Chloroethyl vinyl ether	100.000	90.062	9.9	145	-0.05
56 M	Bromoform	20.000	20.219	-1.1	140	-0.05
57 I	Chlorobenzene-d5	30.000	30.000	0.0	124	-0.05
58 M	4-Methyl-2-Pentanone	100.000	88.195	11.8	123	-0.05
59 M	2-Hexanone	100.000	88.195	11.8	123	-0.05
60 S	4-Bromofluorobenzene	30.000	29.106	3.0	124	-0.05
61 M	Tetrachloroethene	20.000	19.473	2.6	131	-0.05
62 M	Toluene	20.000	18.718	6.4	127	-0.05
63 S	Toluene-d8	30.000	30.166	-0.6	125	-0.05
64 M	Chlorobenzene	20.000	18.424	7.9	126	-0.05
65	1,1,1,2-Tetrachloroethane	20.000	19.460	2.7	131	-0.05
66 M	Ethyl Benzene	20.000	18.790	6.1	128	-0.05
67 M	m/p-Xylenes	40.000	37.063	7.3	127	-0.05
68 M	o-Xylene	20.000	18.101	9.5	128	-0.05
69 M	Styrene	20.000	18.317	8.4	126	-0.05
70	Isopropylbenzene	20.000	18.863	5.7	128	-0.05
71 M	1,1,2,2-Tetrachloroethane	20.000	18.410	7.9	124	-0.05
72	1,2,3-Trichloropropane	20.000	23.230	-16.2	152	-0.05
73	Bromobenzene	20.000	18.920	5.4	131	-0.05
74	n-propylbenzene	20.000	18.926	5.4	129	-0.05
75	2-Chlorotoluene	20.000	18.596	7.0	127	-0.05
76	1,3,5-Trimethylbenzene	20.000	19.354	3.2	133	-0.05
77	t-1,4-Dichloro-2-butene	20.000	19.845	0.8	132	-0.05
78	4-Chlorotoluene	20.000	19.276	3.6	131	-0.05
79	tert-butylbenzene	20.000	19.035	4.8	124	-0.05
80	1,2,4-Trimethylbenzene	20.000	18.599	7.0	125	-0.05
81	sec-Butylbenzene	20.000	18.761	6.2	127	-0.05
82	p-Isopropyltoluene	20.000	18.828	5.9	128	-0.05
83 M	1,3-Dichlorobenzene	20.000	19.092	4.5	130	-0.05
84 M	1,4-Dichlorobenzene	20.000	19.261	3.7	131	-0.05
85	n-Butylbenzene	20.000	18.471	7.6	124	-0.05
86 T	Hexachloroethane	20.000	21.617	-8.1	143	-0.05
87 M	1,2-Dichlorobenzene	20.000	18.977	5.1	128	-0.05
88	1,2-Dibromo-3-Chloropropane	20.000	18.479	7.6	125	-0.05
89	1,2,4-Trichlorobenzene	20.000	18.683	6.6	127	-0.06
90	Hexachlorobutadiene	20.000	19.648	1.8	127	-0.07
91 M	Naphthalene	20.000	17.604	12.0	120	-0.05
92	1,2,3-Trichlorobenzene	20.000	18.731	6.3	125	-0.06

(#) = Out of Range

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