

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN070925\
 Data File : VN087314.D
 Acq On : 09 Jul 2025 16:42
 Operator : JC\MD
 Sample : VSTDCCC020
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_N
 LabSampleId :
 VSTDCCC020

Quant Time: Jul 10 01:27:47 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N062525W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Wed Jun 25 10:49:56 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	110	0.00
2 M	Dichlorodifluoromethane	20.000	15.977	20.1	96	0.00
3 M	Chloromethane	20.000	14.409	28.0#	94	0.00
4 M	Vinyl Chloride	20.000	14.681	26.6#	90	0.00
5 M	Bromomethane	20.000	26.937	-34.7#	163	0.00
6 M	Chloroethane	20.000	24.859	-24.3	152	0.00
7 M	Trichlorofluoromethane	20.000	20.315	-1.6	118	0.00
8 T	Diethyl Ether	20.000	15.038	24.8	93	0.00
9	1,1,2-Trichlorotrifluoroeth	20.000	17.523	12.4	104	0.00
10 M	1,1-Dichloroethene	20.000	15.938	20.3	95	0.00
11	Methyl Iodide	20.000	19.612	1.9	136	0.00
12	Methyl Acetate	20.000	15.447	22.8	93	0.00
13 M	Acrolein	100.000	104.785	-4.8	141	0.00
14 M	Acrylonitrile	100.000	75.246	24.8	90	0.00
15 M	Acetone	100.000	82.111	17.9	96	-0.01
16 M	Carbon Disulfide	20.000	14.951	25.2#	90	0.00
17	Allyl chloride	20.000	12.723	36.4#	76	0.00
18 M	Methylene Chloride	20.000	19.061	4.7	113	0.00
19 M	trans-1,2-Dichloroethene	20.000	17.355	13.2	104	0.00
20 T	Diisopropyl ether	20.000	14.821	25.9#	85	0.00
21 M	1,1-Dichloroethane	20.000	16.390	18.0	96	0.00
22 M	cis-1,2-Dichloroethene	20.000	17.690	11.5	107	0.00
23 M	tert-Butyl Alcohol	100.000	75.748	24.3	92	0.00
24 M	Methyl tert-Butyl Ether	20.000	17.079	14.6	104	0.00
25 M	Chloroform	20.000	19.751	1.2	119	0.00
26	Cyclohexane	20.000	13.355	33.2#	82	0.00
27 s	1,2-Dichloroethane-d4	30.000	28.289	5.7	102	0.00
28 I	1,4-Difluorobenzene	30.000	30.000	0.0	97	0.00
29	1,1-Dichloropropene	20.000	19.119	4.4	108	0.00
30 M	2-Butanone	100.000	85.470	14.5	91	0.00
31	2,2-Dichloropropane	20.000	21.439	-7.2	113	0.00
32 M	1,1,1-Trichloroethane	20.000	23.168	-15.8	123	0.00
33 M	Carbon Tetrachloride	20.000	23.585	-17.9	132	0.00
34 M	Benzene	20.000	19.497	2.5	107	0.00
35	Methacrylonitrile	20.000	17.720	11.4	96	0.00
36 M	1,2-Dichloroethane	20.000	22.502	-12.5	118	0.00
37 M	Trichloroethene	20.000	21.593	-8.0	121	0.00
38	Methylcyclohexane	20.000	16.842	15.8	93	0.00
39 M	1,2-Dichloropropane	20.000	18.729	6.4	97	0.00
40	Dibromomethane	20.000	23.475	-17.4	122	0.00
41 M	Bromodichloromethane	20.000	22.476	-12.4	115	0.00
42 M	Vinyl Acetate	100.000	80.184	19.8	84	0.00
43	Ethyl Acetate	20.000	17.127	14.4	84	0.00
44	Isopropyl Acetate	20.000	16.877	15.6	91	0.00
45 T	1,4-Dioxane	400.000	389.943	2.5	104	0.00
46	Methyl methacrylate	20.000	16.452	17.7	87	0.00
47	n-amyl Acetate	20.000	18.970	5.2	103	0.01
48 M	t-1,3-Dichloropropene	20.000	19.667	1.7	106	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
49 T	cis-1,3-Dichloropropene	20.000	19.584	2.1	101	0.00
50 M	1,1,2-Trichloroethane	20.000	21.900	-9.5	114	0.00
51	Ethyl methacrylate	20.000	16.405	18.0	92	0.00
52	1,3-Dichloropropane	20.000	19.993	0.0	104	0.00
53 M	Dibromochloromethane	20.000	24.159	-20.8	129	0.00
54 M	1,2-Dibromoethane	20.000	22.484	-12.4	117	0.00
55 M	2-Chloroethyl vinyl ether	100.000	79.881	20.1	83	0.00
56 M	Bromoform	20.000	22.789	-13.9	122	0.00
57 I	Chlorobenzene-d5	30.000	30.000	0.0	100	0.00
58 M	4-Methyl-2-Pentanone	100.000	82.870	17.1	92	0.00
59 M	2-Hexanone	100.000	73.674	26.3#	89	0.00
60 S	4-Bromofluorobenzene	30.000	30.766	-2.6	106	0.00
61 M	Tetrachloroethene	20.000	19.968	0.2	111	0.00
62 M	Toluene	20.000	19.535	2.3	107	0.00
63 S	Toluene-d8	30.000	29.277	2.4	94	0.00
64 M	Chlorobenzene	20.000	20.859	-4.3	115	0.00
65	1,1,1,2-Tetrachloroethane	20.000	23.303	-16.5	128	0.00
66 M	Ethyl Benzene	20.000	19.166	4.2	108	0.00
67 M	m/p-Xylenes	40.000	40.421	-1.1	113	0.00
68 M	o-Xylene	20.000	19.858	0.7	112	0.00
69 M	Styrene	20.000	20.102	-0.5	113	0.00
70	Isopropylbenzene	20.000	20.208	-1.0	116	0.00
71 M	1,1,2,2-Tetrachloroethane	20.000	20.984	-4.9	113	0.00
72	1,2,3-Trichloropropane	20.000	20.625	-3.1	117	0.00
73	Bromobenzene	20.000	23.016	-15.1	131	0.00
74	n-propylbenzene	20.000	20.238	-1.2	116	0.00
75	2-Chlorotoluene	20.000	20.768	-3.8	120	0.00
76	1,3,5-Trimethylbenzene	20.000	21.304	-6.5	124	0.00
77	t-1,4-Dichloro-2-butene	20.000	18.415	7.9	110	0.00
78	4-Chlorotoluene	20.000	21.095	-5.5	122	0.00
79	tert-butylbenzene	20.000	21.431	-7.2	126	0.00
80	1,2,4-Trimethylbenzene	20.000	21.252	-6.3	125	0.00
81	sec-Butylbenzene	20.000	20.940	-4.7	120	0.00
82	p-Isopropyltoluene	20.000	21.597	-8.0	120	0.00
83 M	1,3-Dichlorobenzene	20.000	23.134	-15.7	128	0.00
84 M	1,4-Dichlorobenzene	20.000	22.949	-14.7	128	0.00
85	n-Butylbenzene	20.000	20.337	-1.7	113	0.00
86 T	Hexachloroethane	20.000	22.324	-11.6	130	0.00
87 M	1,2-Dichlorobenzene	20.000	23.402	-17.0	130	0.00
88	1,2-Dibromo-3-Chloropropane	20.000	21.154	-5.8	119	0.00
89	1,2,4-Trichlorobenzene	20.000	21.644	-8.2	120	0.00
90	Hexachlorobutadiene	20.000	19.259	3.7	108	0.00
91 M	Naphthalene	20.000	20.106	-0.5	116	0.00
92	1,2,3-Trichlorobenzene	20.000	21.644	-8.2	120	0.00

(#) = Out of Range

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