

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN062525\
 Data File : VN087179.D
 Acq On : 25 Jun 2025 16:12
 Operator : JC\MD
 Sample : VSTDCCC020
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_N
 LabSampleId :
 VSTDCCC020

Quant Time: Jun 26 03:40:08 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	104	0.00
2 M	Dichlorodifluoromethane	20.000	18.525	7.4	105	0.00
3 M	Chloromethane	20.000	18.892	5.5	116	0.00
4 M	Vinyl Chloride	20.000	17.765	11.2	103	0.00
5 M	Bromomethane	20.000	12.706	36.5#	73	0.00
6 M	Chloroethane	20.000	18.555	7.2	107	0.00
7 M	Trichlorofluoromethane	20.000	17.141	14.3	94	0.00
8 T	Diethyl Ether	20.000	17.809	11.0	104	0.00
9	1,1,2-Trichlorotrifluoroeth	20.000	19.098	4.5	107	0.00
10 M	1,1-Dichloroethene	20.000	18.669	6.7	105	0.00
11	Methyl Iodide	20.000	10.106	49.5#	66	0.00
12	Methyl Acetate	20.000	19.626	1.9	111	0.00
13 M	Acrolein	100.000	61.800	38.2#	78	0.00
14 M	Acrylonitrile	100.000	97.014	3.0	109	0.00
15 M	Acetone	100.000	91.845	8.2	101	0.00
16 M	Carbon Disulfide	20.000	18.558	7.2	105	0.00
17	Allyl chloride	20.000	18.330	8.4	103	0.01
18 M	Methylene Chloride	20.000	19.635	1.8	110	0.00
19 M	trans-1,2-Dichloroethene	20.000	19.278	3.6	109	0.00
20 T	Diisopropyl ether	20.000	19.623	1.9	106	0.00
21 M	1,1-Dichloroethane	20.000	19.279	3.6	106	0.00
22 M	cis-1,2-Dichloroethene	20.000	20.007	-0.0	115	0.00
23 M	tert-Butyl Alcohol	100.000	99.755	0.2	114	0.00
24 M	Methyl tert-Butyl Ether	20.000	19.528	2.4	113	0.00
25 M	Chloroform	20.000	19.924	0.4	113	0.00
26	Cyclohexane	20.000	18.734	6.3	109	0.00
27 s	1,2-Dichloroethane-d4	30.000	30.117	-0.4	102	0.00
28 I	1,4-Difluorobenzene	30.000	30.000	0.0	102	0.00
29	1,1-Dichloropropene	20.000	18.705	6.5	111	0.00
30 M	2-Butanone	100.000	101.469	-1.5	114	0.00
31	2,2-Dichloropropane	20.000	19.935	0.3	111	0.00
32 M	1,1,1-Trichloroethane	20.000	19.280	3.6	108	0.00
33 M	Carbon Tetrachloride	20.000	19.090	4.6	112	0.00
34 M	Benzene	20.000	20.058	-0.3	116	0.00
35	Methacrylonitrile	20.000	20.242	-1.2	115	0.00
36 M	1,2-Dichloroethane	20.000	20.474	-2.4	113	0.00
37 M	Trichloroethene	20.000	20.114	-0.6	119	0.00
38	Methylcyclohexane	20.000	18.260	8.7	106	0.00
39 M	1,2-Dichloropropane	20.000	19.201	4.0	105	0.00
40	Dibromomethane	20.000	19.071	4.6	105	0.00
41 M	Bromodichloromethane	20.000	19.520	2.4	105	0.00
42 M	Vinyl Acetate	100.000	91.361	8.6	101	0.00
43	Ethyl Acetate	20.000	21.318	-6.6	110	0.00
44	Isopropyl Acetate	20.000	20.057	-0.3	114	0.00
45 T	1,4-Dioxane	400.000	393.166	1.7	110	0.00
46	Methyl methacrylate	20.000	18.666	6.7	104	0.00
47	n-amyl Acetate	20.000	20.150	-0.7	115	0.02
48 M	t-1,3-Dichloropropene	20.000	19.561	2.2	111	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
49 T	cis-1,3-Dichloropropene	20.000	19.779	1.1	107	0.00
50 M	1,1,2-Trichloroethane	20.000	19.800	1.0	109	0.00
51	Ethyl methacrylate	20.000	18.775	6.1	111	0.00
52	1,3-Dichloropropane	20.000	20.127	-0.6	110	0.00
53 M	Dibromochloromethane	20.000	19.769	1.2	111	0.00
54 M	1,2-Dibromoethane	20.000	19.638	1.8	108	0.00
55 M	2-Chloroethyl vinyl ether	100.000	84.198	15.8	93	0.00
56 M	Bromoform	20.000	18.861	5.7	107	0.00
57 I	Chlorobenzene-d5	30.000	30.000	0.0	98	0.00
58 M	4-Methyl-2-Pentanone	100.000	101.356	-1.4	109	0.00
59 M	2-Hexanone	100.000	93.306	6.7	110	0.00
60 S	4-Bromofluorobenzene	30.000	28.956	3.5	97	0.00
61 M	Tetrachloroethene	20.000	20.777	-3.9	113	0.00
62 M	Toluene	20.000	20.526	-2.6	110	0.00
63 S	Toluene-d8	30.000	30.439	-1.5	95	0.00
64 M	Chlorobenzene	20.000	20.456	-2.3	110	0.00
65	1,1,1,2-Tetrachloroethane	20.000	20.750	-3.8	111	0.00
66 M	Ethyl Benzene	20.000	20.129	-0.6	111	0.00
67 M	m/p-Xylenes	40.000	40.222	-0.6	110	0.00
68 M	o-Xylene	20.000	20.317	-1.6	111	0.00
69 M	Styrene	20.000	20.093	-0.5	110	0.00
70	Isopropylbenzene	20.000	20.597	-3.0	115	0.00
71 M	1,1,2,2-Tetrachloroethane	20.000	19.278	3.6	101	0.00
72	1,2,3-Trichloropropane	20.000	19.511	2.4	107	0.00
73	Bromobenzene	20.000	18.388	8.1	102	0.00
74	n-propylbenzene	20.000	19.512	2.4	109	0.00
75	2-Chlorotoluene	20.000	19.826	0.9	112	0.00
76	1,3,5-Trimethylbenzene	20.000	19.951	0.2	114	0.00
77	t-1,4-Dichloro-2-butene	20.000	18.238	8.8	106	0.00
78	4-Chlorotoluene	20.000	20.259	-1.3	114	0.00
79	tert-butylbenzene	20.000	19.849	0.8	113	0.00
80	1,2,4-Trimethylbenzene	20.000	20.557	-2.8	118	0.00
81	sec-Butylbenzene	20.000	20.696	-3.5	115	0.00
82	p-Isopropyltoluene	20.000	19.852	0.7	107	0.00
83 M	1,3-Dichlorobenzene	20.000	19.518	2.4	105	0.00
84 M	1,4-Dichlorobenzene	20.000	19.356	3.2	105	0.00
85	n-Butylbenzene	20.000	20.242	-1.2	109	0.00
86 T	Hexachloroethane	20.000	19.895	0.5	113	0.00
87 M	1,2-Dichlorobenzene	20.000	19.805	1.0	107	0.00
88	1,2-Dibromo-3-Chloropropane	20.000	20.367	-1.8	111	0.00
89	1,2,4-Trichlorobenzene	20.000	20.146	-0.7	109	0.00
90	Hexachlorobutadiene	20.000	22.232	-11.2	121	0.00
91 M	Naphthalene	20.000	19.776	1.1	111	0.00
92	1,2,3-Trichlorobenzene	20.000	20.146	-0.7	109	0.00

(#) = Out of Range

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