

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN062525\
 Data File : VN087168.D
 Acq On : 25 Jun 2025 11:08
 Operator : JC\MD
 Sample : VSTDICV020
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 ICSVN062525

Quant Time: Jun 25 15:29:48 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	100	0.00
2 M	Dichlorodifluoromethane	20.000	18.915	5.4	104	0.00
3 M	Chloromethane	20.000	18.816	5.9	111	0.00
4 M	Vinyl Chloride	20.000	17.404	13.0	97	0.00
5 M	Bromomethane	20.000	20.494	-2.5	113	0.00
6 M	Chloroethane	20.000	19.122	4.4	107	0.00
7 M	Trichlorofluoromethane	20.000	18.810	6.0	100	0.00
8 T	Diethyl Ether	20.000	19.443	2.8	109	0.00
9	1,1,2-Trichlorotrifluoroeth	20.000	19.184	4.1	104	0.00
10 M	1,1-Dichloroethene	20.000	19.141	4.3	104	0.00
11	Methyl Iodide	20.000	15.530	22.4	98	0.00
12	Methyl Acetate	20.000	19.769	1.2	108	0.00
13 M	Acrolein	100.000	106.612	-6.6	130	0.00
14 M	Acrylonitrile	100.000	98.671	1.3	107	0.00
15 M	Acetone	100.000	98.119	1.9	104	0.00
16 M	Carbon Disulfide	20.000	18.825	5.9	103	0.00
17	Allyl chloride	20.000	18.360	8.2	100	0.01
18 M	Methylene Chloride	20.000	18.727	6.4	101	0.00
19 M	trans-1,2-Dichloroethene	20.000	19.006	5.0	104	0.00
20 T	Diisopropyl ether	20.000	19.202	4.0	101	0.00
21 M	1,1-Dichloroethane	20.000	17.398	13.0	92	0.00
22 M	cis-1,2-Dichloroethene	20.000	18.875	5.6	104	0.00
23 M	tert-Butyl Alcohol	100.000	103.292	-3.3	114	0.00
24 M	Methyl tert-Butyl Ether	20.000	19.447	2.8	108	0.00
25 M	Chloroform	20.000	17.750	11.3	97	0.00
26	Cyclohexane	20.000	17.527	12.4	98	0.00
27 s	1,2-Dichloroethane-d4	30.000	29.730	0.9	97	0.00
28 I	1,4-Difluorobenzene	30.000	30.000	0.0	100	0.00
29	1,1-Dichloropropene	20.000	18.425	7.9	107	0.00
30 M	2-Butanone	100.000	96.637	3.4	106	0.00
31	2,2-Dichloropropane	20.000	19.459	2.7	106	0.00
32 M	1,1,1-Trichloroethane	20.000	17.908	10.5	98	0.00
33 M	Carbon Tetrachloride	20.000	18.113	9.4	105	0.00
34 M	Benzene	20.000	17.375	13.1	98	0.00
35	Methacrylonitrile	20.000	17.450	12.8	97	0.00
36 M	1,2-Dichloroethane	20.000	18.634	6.8	101	0.00
37 M	Trichloroethene	20.000	19.760	1.2	114	0.00
38	Methylcyclohexane	20.000	19.317	3.4	110	0.00
39 M	1,2-Dichloropropane	20.000	19.414	2.9	104	0.00
40	Dibromomethane	20.000	19.062	4.7	103	0.00
41 M	Bromodichloromethane	20.000	19.565	2.2	103	0.00
42 M	Vinyl Acetate	100.000	84.264	15.7	91	0.00
43	Ethyl Acetate	20.000	20.721	-3.6	105	0.00
44	Isopropyl Acetate	20.000	18.746	6.3	104	0.00
45 T	1,4-Dioxane	400.000	435.392	-8.8	120	0.00
46	Methyl methacrylate	20.000	18.970	5.2	103	0.00
47	n-amyl Acetate	20.000	16.625	16.9	93	0.01
48 M	t-1,3-Dichloropropene	20.000	19.532	2.3	108	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
49 T	cis-1,3-Dichloropropene	20.000	19.457	2.7	103	0.00
50 M	1,1,2-Trichloroethane	20.000	19.079	4.6	103	0.00
51	Ethyl methacrylate	20.000	18.768	6.2	109	0.00
52	1,3-Dichloropropane	20.000	19.027	4.9	102	0.00
53 M	Dibromochloromethane	20.000	19.262	3.7	106	0.00
54 M	1,2-Dibromoethane	20.000	18.656	6.7	100	0.00
55 M	2-Chloroethyl vinyl ether	100.000	90.312	9.7	97	0.00
56 M	Bromoform	20.000	18.410	7.9	102	0.00
57 I	Chlorobenzene-d5	30.000	30.000	0.0	100	0.00
58 M	4-Methyl-2-Pentanone	100.000	97.791	2.2	107	0.00
59 M	2-Hexanone	100.000	87.081	12.9	105	0.00
60 S	4-Bromofluorobenzene	30.000	30.636	-2.1	105	0.00
61 M	Tetrachloroethene	20.000	18.451	7.7	102	0.00
62 M	Toluene	20.000	18.821	5.9	103	0.00
63 S	Toluene-d8	30.000	30.485	-1.6	98	0.00
64 M	Chlorobenzene	20.000	18.982	5.1	104	0.00
65	1,1,1,2-Tetrachloroethane	20.000	18.969	5.2	104	0.00
66 M	Ethyl Benzene	20.000	18.514	7.4	104	0.00
67 M	m/p-Xylenes	40.000	37.473	6.3	104	0.00
68 M	o-Xylene	20.000	19.277	3.6	108	0.00
69 M	Styrene	20.000	18.596	7.0	104	0.00
70	Isopropylbenzene	20.000	19.473	2.6	111	0.00
71 M	1,1,2,2-Tetrachloroethane	20.000	19.266	3.7	103	0.00
72	1,2,3-Trichloropropane	20.000	19.651	1.7	110	0.00
73	Bromobenzene	20.000	18.701	6.5	106	0.00
74	n-propylbenzene	20.000	19.471	2.6	111	0.00
75	2-Chlorotoluene	20.000	19.509	2.5	112	0.00
76	1,3,5-Trimethylbenzene	20.000	19.619	1.9	114	0.00
77	t-1,4-Dichloro-2-butene	20.000	18.914	5.4	112	0.00
78	4-Chlorotoluene	20.000	19.761	1.2	114	0.00
79	tert-butylbenzene	20.000	19.556	2.2	114	0.00
80	1,2,4-Trimethylbenzene	20.000	19.523	2.4	114	0.00
81	sec-Butylbenzene	20.000	20.153	-0.8	115	0.00
82	p-Isopropyltoluene	20.000	20.042	-0.2	110	0.00
83 M	1,3-Dichlorobenzene	20.000	19.400	3.0	106	0.00
84 M	1,4-Dichlorobenzene	20.000	19.624	1.9	109	0.00
85	n-Butylbenzene	20.000	20.658	-3.3	114	0.00
86 T	Hexachloroethane	20.000	18.784	6.1	109	0.00
87 M	1,2-Dichlorobenzene	20.000	19.450	2.8	108	0.00
88	1,2-Dibromo-3-Chloropropane	20.000	19.570	2.1	109	0.00
89	1,2,4-Trichlorobenzene	20.000	19.367	3.2	107	0.00
90	Hexachlorobutadiene	20.000	22.501	-12.5	125	0.00
91 M	Naphthalene	20.000	18.973	5.1	109	0.00
92	1,2,3-Trichlorobenzene	20.000	19.367	3.2	107	0.00

(#) = Out of Range

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