

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN080525\
 Data File : VN087458.D
 Acq On : 05 Aug 2025 15:43
 Operator : JC\MD
 Sample : VSTDICV020
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 ICSVN080525

Quant Time: Aug 06 02:12:31 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N080525W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Wed Aug 06 02:01:21 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	112	0.00
2 M	Dichlorodifluoromethane	20.000	18.712	6.4	99	0.00
3 M	Chloromethane	20.000	17.839	10.8	93	0.00
4 M	Vinyl Chloride	20.000	19.190	4.0	100	0.00
5 M	Bromomethane	20.000	19.525	2.4	109	0.00
6 M	Chloroethane	20.000	18.022	9.9	96	0.00
7 M	Trichlorofluoromethane	20.000	18.219	8.9	97	0.00
8 T	Diethyl Ether	20.000	18.325	8.4	99	0.00
9	1,1,2-Trichlorotrifluoroeth	20.000	18.360	8.2	101	0.00
10 M	1,1-Dichloroethene	20.000	18.145	9.3	96	0.00
11	Methyl Iodide	20.000	15.501	22.5	104	0.00
12	Methyl Acetate	20.000	18.431	7.8	101	0.00
13 M	Acrolein	100.000	103.668	-3.7	116	0.00
14 M	Acrylonitrile	100.000	90.843	9.2	99	0.00
15 M	Acetone	100.000	98.134	1.9	99	0.00
16 M	Carbon Disulfide	20.000	18.028	9.9	99	0.00
17	Allyl chloride	20.000	18.683	6.6	104	0.00
18 M	Methylene Chloride	20.000	18.387	8.1	100	0.00
19 M	trans-1,2-Dichloroethene	20.000	17.906	10.5	97	0.00
20 T	Diisopropyl ether	20.000	17.917	10.4	98	0.00
21 M	1,1-Dichloroethane	20.000	18.134	9.3	96	0.00
22 M	cis-1,2-Dichloroethene	20.000	18.023	9.9	97	0.00
23 M	tert-Butyl Alcohol	100.000	95.030	5.0	105	0.01
24 M	Methyl tert-Butyl Ether	20.000	18.116	9.4	99	0.00
25 M	Chloroform	20.000	18.021	9.9	98	0.00
26	Cyclohexane	20.000	17.977	10.1	95	0.00
27 s	1,2-Dichloroethane-d4	30.000	30.545	-1.8	111	0.00
28 I	1,4-Difluorobenzene	30.000	30.000	0.0	110	0.00
29	1,1-Dichloropropene	20.000	17.825	10.9	98	0.00
30 M	2-Butanone	100.000	89.621	10.4	98	0.00
31	2,2-Dichloropropane	20.000	18.630	6.9	101	0.00
32 M	1,1,1-Trichloroethane	20.000	17.988	10.1	100	0.00
33 M	Carbon Tetrachloride	20.000	17.777	11.1	98	0.00
34 M	Benzene	20.000	18.060	9.7	100	0.00
35	Methacrylonitrile	20.000	18.163	9.2	98	0.00
36 M	1,2-Dichloroethane	20.000	17.918	10.4	97	0.00
37 M	Trichloroethene	20.000	18.041	9.8	98	0.00
38	Methylcyclohexane	20.000	17.882	10.6	98	0.00
39 M	1,2-Dichloropropane	20.000	17.793	11.0	97	0.00
40	Dibromomethane	20.000	17.288	13.6	94	0.00
41 M	Bromodichloromethane	20.000	17.583	12.1	99	0.00
42 M	Vinyl Acetate	100.000	88.913	11.1	96	0.00
43	Ethyl Acetate	20.000	18.279	8.6	100	0.00
44	Isopropyl Acetate	20.000	17.492	12.5	96	0.00
45 T	1,4-Dioxane	400.000	377.572	5.6	101	0.00
46	Methyl methacrylate	20.000	16.972	15.1	93	0.00
47	n-amyl Acetate	20.000	16.611	16.9	106	0.00
48 M	t-1,3-Dichloropropene	20.000	17.415	12.9	97	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
49 T	cis-1,3-Dichloropropene	20.000	17.812	10.9	100	0.00
50 M	1,1,2-Trichloroethane	20.000	17.791	11.0	98	0.00
51	Ethyl methacrylate	20.000	17.260	13.7	96	0.00
52	1,3-Dichloropropane	20.000	17.664	11.7	97	0.00
53 M	Dibromochloromethane	20.000	17.453	12.7	98	0.00
54 M	1,2-Dibromoethane	20.000	17.486	12.6	96	0.00
55 M	2-Chloroethyl vinyl ether	100.000	94.458	5.5	104	0.00
56 M	Bromoform	20.000	16.992	15.0	97	0.00
57 I	Chlorobenzene-d5	30.000	30.000	0.0	112	0.00
58 M	4-Methyl-2-Pentanone	100.000	89.734	10.3	97	0.00
59 M	2-Hexanone	100.000	88.726	11.3	99	0.00
60 S	4-Bromofluorobenzene	30.000	30.417	-1.4	113	0.00
61 M	Tetrachloroethene	20.000	18.092	9.5	101	0.00
62 M	Toluene	20.000	17.879	10.6	97	0.00
63 S	Toluene-d8	30.000	30.347	-1.2	113	0.00
64 M	Chlorobenzene	20.000	17.811	10.9	98	0.00
65	1,1,1,2-Tetrachloroethane	20.000	17.440	12.8	97	0.00
66 M	Ethyl Benzene	20.000	17.892	10.5	98	0.00
67 M	m/p-Xylenes	40.000	34.866	12.8	96	0.00
68 M	o-Xylene	20.000	17.419	12.9	97	0.00
69 M	Styrene	20.000	17.260	13.7	95	0.00
70	Isopropylbenzene	20.000	17.794	11.0	98	0.00
71 M	1,1,2,2-Tetrachloroethane	20.000	17.682	11.6	95	0.00
72	1,2,3-Trichloropropane	20.000	16.271	18.6	97	0.00
73	Bromobenzene	20.000	16.926	15.4	95	0.00
74	n-propylbenzene	20.000	17.991	10.0	99	0.00
75	2-Chlorotoluene	20.000	17.717	11.4	97	0.00
76	1,3,5-Trimethylbenzene	20.000	17.960	10.2	98	0.00
77	t-1,4-Dichloro-2-butene	20.000	16.855	15.7	100	0.00
78	4-Chlorotoluene	20.000	18.142	9.3	102	0.00
79	tert-butylbenzene	20.000	17.861	10.7	98	0.00
80	1,2,4-Trimethylbenzene	20.000	18.058	9.7	100	0.00
81	sec-Butylbenzene	20.000	18.364	8.2	100	0.00
82	p-Isopropyltoluene	20.000	18.174	9.1	99	0.00
83 M	1,3-Dichlorobenzene	20.000	18.268	8.7	100	0.00
84 M	1,4-Dichlorobenzene	20.000	18.174	9.1	99	0.00
85	n-Butylbenzene	20.000	18.683	6.6	102	0.00
86 T	Hexachloroethane	20.000	17.612	11.9	98	0.00
87 M	1,2-Dichlorobenzene	20.000	18.275	8.6	100	0.00
88	1,2-Dibromo-3-Chloropropane	20.000	17.876	10.6	97	0.00
89	1,2,4-Trichlorobenzene	20.000	18.399	8.0	103	0.00
90	Hexachlorobutadiene	20.000	18.649	6.8	103	0.00
91 M	Naphthalene	20.000	18.174	9.1	101	0.00
92	1,2,3-Trichlorobenzene	20.000	18.399	8.0	103	0.00

(#) = Out of Range

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