

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN111325\
 Data File : VN088280.D
 Acq On : 13 Nov 2025 14:52
 Operator : JC\MD
 Sample : VSTDICV020
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 ICVVN111325

Quant Time: Nov 14 00:53:31 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N111325W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Fri Nov 14 00:49:21 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	105	0.00
2 M	Dichlorodifluoromethane	20.000	18.315	8.4	86	0.00
3 M	Chloromethane	20.000	19.872	0.6	99	0.00
4 M	Vinyl Chloride	20.000	18.433	7.8	93	0.00
5 M	Bromomethane	20.000	19.985	0.1	106	0.00
6 M	Chloroethane	20.000	17.844	10.8	89	0.00
7 M	Trichlorofluoromethane	20.000	17.128	14.4	84	0.00
8 T	Diethyl Ether	20.000	19.212	3.9	102	0.00
9	1,1,2-Trichlorotrifluoroeth	20.000	16.992	15.0	84	0.00
10 M	1,1-Dichloroethene	20.000	18.015	9.9	90	0.00
11	Methyl Iodide	20.000	16.814	15.9	89	0.00
12	Methyl Acetate	20.000	19.907	0.5	103	0.00
13 M	Acrolein	100.000	98.203	1.8	114	0.00
14 M	Acrylonitrile	100.000	97.918	2.1	102	0.00
15 M	Acetone	100.000	90.552	9.4	93	0.00
16 M	Carbon Disulfide	20.000	18.801	6.0	93	0.00
17	Allyl chloride	20.000	18.542	7.3	95	-0.01
18 M	Methylene Chloride	20.000	19.468	2.7	100	0.01
19 M	trans-1,2-Dichloroethene	20.000	18.765	6.2	93	-0.01
20 T	Diisopropyl ether	20.000	18.786	6.1	97	0.00
21 M	1,1-Dichloroethane	20.000	18.584	7.1	94	0.00
22 M	cis-1,2-Dichloroethene	20.000	19.057	4.7	99	0.00
23 M	tert-Butyl Alcohol	100.000	97.482	2.5	105	0.00
24 M	Methyl tert-Butyl Ether	20.000	19.396	3.0	102	0.00
25 M	Chloroform	20.000	18.728	6.4	97	0.00
26	Cyclohexane	20.000	16.413	17.9	80	0.00
27 s	1,2-Dichloroethane-d4	30.000	30.050	-0.2	106	0.00
28 I	1,4-Difluorobenzene	30.000	30.000	0.0	100	0.00
29	1,1-Dichloropropene	20.000	18.365	8.2	90	0.00
30 M	2-Butanone	100.000	96.429	3.6	99	0.00
31	2,2-Dichloropropane	20.000	17.345	13.3	85	0.00
32 M	1,1,1-Trichloroethane	20.000	18.551	7.2	91	0.00
33 M	Carbon Tetrachloride	20.000	17.683	11.6	87	0.00
34 M	Benzene	20.000	19.106	4.5	95	0.00
35	Methacrylonitrile	20.000	19.629	1.9	102	0.00
36 M	1,2-Dichloroethane	20.000	19.661	1.7	99	0.00
37 M	Trichloroethene	20.000	18.180	9.1	90	0.00
38	Methylcyclohexane	20.000	16.606	17.0	80	0.00
39 M	1,2-Dichloropropane	20.000	19.491	2.5	99	0.00
40	Dibromomethane	20.000	19.523	2.4	97	0.00
41 M	Bromodichloromethane	20.000	19.856	0.7	103	0.00
42 M	Vinyl Acetate	100.000	96.465	3.5	99	0.00
43	Ethyl Acetate	20.000	19.674	1.6	99	0.00
44	Isopropyl Acetate	20.000	19.843	0.8	102	0.00
45 T	1,4-Dioxane	400.000	457.924	-14.5	110	0.00
46	Methyl methacrylate	20.000	18.433	7.8	96	0.00
47	n-amyl Acetate	20.000	19.440	2.8	108	0.02
48 M	t-1,3-Dichloropropene	20.000	18.554	7.2	99	0.00

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN111325\
 Data File : VN088280.D
 Acq On : 13 Nov 2025 14:52
 Operator : JC\MD
 Sample : VSTDICV020
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 ICVVN111325

Quant Time: Nov 14 00:53:31 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N111325W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Fri Nov 14 00:49:21 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)
49 T	cis-1,3-Dichloropropene	20.000	18.883	5.6	96	0.00
50 M	1,1,2-Trichloroethane	20.000	19.799	1.0	101	0.00
51	Ethyl methacrylate	20.000	18.775	6.1	101	0.00
52	1,3-Dichloropropane	20.000	19.520	2.4	99	0.00
53 M	Dibromochloromethane	20.000	19.444	2.8	101	0.00
54 M	1,2-Dibromoethane	20.000	19.284	3.6	100	0.00
55 M	2-Chloroethyl vinyl ether	100.000	101.131	-1.1	108	0.00
56 M	Bromoform	20.000	18.671	6.6	99	0.00
57 I	Chlorobenzene-d5	30.000	30.000	0.0	102	0.00
58 M	4-Methyl-2-Pentanone	100.000	101.096	-1.1	103	0.00
59 M	2-Hexanone	100.000	93.108	6.9	98	0.00
60 S	4-Bromofluorobenzene	30.000	29.776	0.7	104	0.00
61 M	Tetrachloroethene	20.000	18.628	6.9	90	0.00
62 M	Toluene	20.000	19.386	3.1	96	0.00
63 S	Toluene-d8	30.000	29.898	0.3	100	0.00
64 M	Chlorobenzene	20.000	19.133	4.3	98	0.00
65	1,1,1,2-Tetrachloroethane	20.000	19.513	2.4	99	0.00
66 M	Ethyl Benzene	20.000	18.667	6.7	94	0.00
67 M	m/p-Xylenes	40.000	37.317	6.7	94	0.00
68 M	o-Xylene	20.000	19.038	4.8	98	0.00
69 M	Styrene	20.000	18.335	8.3	96	0.00
70	Isopropylbenzene	20.000	17.700	11.5	89	0.00
71 M	1,1,2,2-Tetrachloroethane	20.000	18.887	5.6	97	0.00
72	1,2,3-Trichloropropane	20.000	20.963	-4.8	117	0.00
73	Bromobenzene	20.000	19.271	3.6	99	0.00
74	n-propylbenzene	20.000	18.105	9.5	91	0.00
75	2-Chlorotoluene	20.000	18.144	9.3	93	0.00
76	1,3,5-Trimethylbenzene	20.000	18.038	9.8	92	0.00
77	t-1,4-Dichloro-2-butene	20.000	17.386	13.1	95	0.00
78	4-Chlorotoluene	20.000	18.540	7.3	94	0.00
79	tert-butylbenzene	20.000	17.732	11.3	91	0.00
80	1,2,4-Trimethylbenzene	20.000	18.199	9.0	94	0.00
81	sec-Butylbenzene	20.000	17.417	12.9	86	0.00
82	p-Isopropyltoluene	20.000	17.381	13.1	87	0.00
83 M	1,3-Dichlorobenzene	20.000	18.242	8.8	91	0.00
84 M	1,4-Dichlorobenzene	20.000	18.721	6.4	96	0.00
85	n-Butylbenzene	20.000	17.323	13.4	84	0.00
86 T	Hexachloroethane	20.000	17.487	12.6	90	0.00
87 M	1,2-Dichlorobenzene	20.000	19.274	3.6	97	0.00
88	1,2-Dibromo-3-Chloropropane	20.000	19.659	1.7	105	0.00
89	1,2,4-Trichlorobenzene	20.000	18.470	7.7	97	0.00
90	Hexachlorobutadiene	20.000	17.984	10.1	89	0.00
91 M	Naphthalene	20.000	18.427	7.9	98	0.00
92	1,2,3-Trichlorobenzene	20.000	18.470	7.7	97	0.00

(#) = Out of Range

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