

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN052925\
 Data File : VN086812.D
 Acq On : 29 May 2025 13:29
 Operator : JC\MD
 Sample : VSTDICV020
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 ICVVN052925

Quant Time: May 30 02:27:48 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N052925W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Fri May 30 02:22:52 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	106	0.00
2 M	Dichlorodifluoromethane	20.000	19.598	2.0	99	0.00
3 M	Chloromethane	20.000	18.906	5.5	97	0.00
4 M	Vinyl Chloride	20.000	19.077	4.6	98	0.00
5 M	Bromomethane	20.000	19.484	2.6	99	0.00
6 M	Chloroethane	20.000	18.505	7.5	94	0.00
7 M	Trichlorofluoromethane	20.000	18.950	5.3	99	0.00
8 T	Diethyl Ether	20.000	19.200	4.0	103	0.00
9	1,1,2-Trichlorotrifluoroeth	20.000	19.116	4.4	99	0.00
10 M	1,1-Dichloroethene	20.000	19.314	3.4	103	0.00
11	Methyl Iodide	20.000	18.669	6.7	101	0.00
12	Methyl Acetate	20.000	18.092	9.5	96	0.00
13 M	Acrolein	100.000	101.300	-1.3	111	0.00
14 M	Acrylonitrile	100.000	90.599	9.4	95	0.00
15 M	Acetone	100.000	111.509	-11.5	116	0.00
16 M	Carbon Disulfide	20.000	19.252	3.7	101	0.00
17	Allyl chloride	20.000	19.181	4.1	101	0.00
18 M	Methylene Chloride	20.000	18.813	5.9	98	0.00
19 M	trans-1,2-Dichloroethene	20.000	19.199	4.0	100	0.00
20 T	Diisopropyl ether	20.000	19.116	4.4	97	0.00
21 M	1,1-Dichloroethane	20.000	18.851	5.7	97	0.00
22 M	cis-1,2-Dichloroethene	20.000	18.849	5.8	99	0.00
23 M	tert-Butyl Alcohol	100.000	91.427	8.6	95	0.00
24 M	Methyl tert-Butyl Ether	20.000	19.108	4.5	101	0.00
25 M	Chloroform	20.000	18.736	6.3	98	0.00
26	Cyclohexane	20.000	18.832	5.8	99	0.00
27 s	1,2-Dichloroethane-d4	30.000	29.975	0.1	105	0.00
28 I	1,4-Difluorobenzene	30.000	30.000	0.0	106	0.00
29	1,1-Dichloropropene	20.000	18.820	5.9	99	0.00
30 M	2-Butanone	100.000	96.463	3.5	101	0.00
31	2,2-Dichloropropane	20.000	19.149	4.3	100	0.00
32 M	1,1,1-Trichloroethane	20.000	19.080	4.6	100	0.00
33 M	Carbon Tetrachloride	20.000	18.722	6.4	99	0.00
34 M	Benzene	20.000	19.043	4.8	99	0.00
35	Methacrylonitrile	20.000	18.924	5.4	96	0.00
36 M	1,2-Dichloroethane	20.000	18.861	5.7	98	0.00
37 M	Trichloroethene	20.000	18.229	8.9	98	0.00
38	Methylcyclohexane	20.000	19.466	2.7	105	0.00
39 M	1,2-Dichloropropane	20.000	18.621	6.9	97	0.00
40	Dibromomethane	20.000	19.100	4.5	100	0.00
41 M	Bromodichloromethane	20.000	18.370	8.1	97	0.00
42 M	Vinyl Acetate	100.000	97.955	2.0	99	0.00
43	Ethyl Acetate	20.000	18.099	9.5	92	0.00
44	Isopropyl Acetate	20.000	18.715	6.4	97	0.00
45 T	1,4-Dioxane	400.000	357.261	10.7	92	0.00
46	Methyl methacrylate	20.000	18.466	7.7	99	0.00
47	n-amyl Acetate	20.000	18.339	8.3	95	0.00
48 M	t-1,3-Dichloropropene	20.000	18.844	5.8	100	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
49 T	cis-1,3-Dichloropropene	20.000	18.781	6.1	101	0.00
50 M	1,1,2-Trichloroethane	20.000	18.912	5.4	100	0.00
51	Ethyl methacrylate	20.000	18.509	7.5	100	0.00
52	1,3-Dichloropropane	20.000	18.680	6.6	99	0.00
53 M	Dibromochloromethane	20.000	18.159	9.2	98	0.00
54 M	1,2-Dibromoethane	20.000	18.259	8.7	96	0.00
55 M	2-Chloroethyl vinyl ether	100.000	90.742	9.3	100	0.00
56 M	Bromoform	20.000	18.068	9.7	96	0.00
57 I	Chlorobenzene-d5	30.000	30.000	0.0	104	0.00
58 M	4-Methyl-2-Pentanone	100.000	95.151	4.8	96	0.00
59 M	2-Hexanone	100.000	96.760	3.2	99	0.00
60 S	4-Bromofluorobenzene	30.000	29.747	0.8	104	0.00
61 M	Tetrachloroethene	20.000	19.102	4.5	100	0.00
62 M	Toluene	20.000	19.407	3.0	100	0.00
63 S	Toluene-d8	30.000	30.356	-1.2	105	0.00
64 M	Chlorobenzene	20.000	19.086	4.6	99	0.00
65	1,1,1,2-Tetrachloroethane	20.000	18.735	6.3	98	0.00
66 M	Ethyl Benzene	20.000	18.817	5.9	98	0.00
67 M	m/p-Xylenes	40.000	38.318	4.2	99	0.00
68 M	o-Xylene	20.000	18.922	5.4	99	0.00
69 M	Styrene	20.000	18.542	7.3	97	0.00
70	Isopropylbenzene	20.000	19.055	4.7	99	0.00
71 M	1,1,2,2-Tetrachloroethane	20.000	19.528	2.4	98	0.00
72	1,2,3-Trichloropropane	20.000	15.856	20.7	82	0.00
73	Bromobenzene	20.000	18.586	7.1	96	0.00
74	n-propylbenzene	20.000	18.813	5.9	98	0.00
75	2-Chlorotoluene	20.000	18.675	6.6	97	0.00
76	1,3,5-Trimethylbenzene	20.000	18.942	5.3	99	0.00
77	t-1,4-Dichloro-2-butene	20.000	17.419	12.9	95	0.00
78	4-Chlorotoluene	20.000	19.049	4.8	100	0.00
79	tert-butylbenzene	20.000	18.642	6.8	98	0.00
80	1,2,4-Trimethylbenzene	20.000	18.799	6.0	98	0.00
81	sec-Butylbenzene	20.000	19.027	4.9	100	0.00
82	p-Isopropyltoluene	20.000	18.774	6.1	99	0.00
83 M	1,3-Dichlorobenzene	20.000	19.076	4.6	103	0.00
84 M	1,4-Dichlorobenzene	20.000	18.598	7.0	100	0.00
85	n-Butylbenzene	20.000	18.451	7.7	101	0.00
86 T	Hexachloroethane	20.000	18.262	8.7	98	0.00
87 M	1,2-Dichlorobenzene	20.000	19.085	4.6	102	0.00
88	1,2-Dibromo-3-Chloropropane	20.000	18.238	8.8	99	0.00
89	1,2,4-Trichlorobenzene	20.000	19.135	4.3	109	0.00
90	Hexachlorobutadiene	20.000	20.805	-4.0	116	0.00
91 M	Naphthalene	20.000	18.317	8.4	107	0.00
92	1,2,3-Trichlorobenzene	20.000	19.135	4.3	109	0.00

(#) = Out of Range

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