

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN071025\
 Data File : VN087316.D
 Acq On : 10 Jul 2025 10:41
 Operator : JC\MD
 Sample : VSTDCCC020
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_N
 LabSampleId :
 VSTDCCC020

Quant Time: Jul 11 01:06:21 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	119	0.00
2 M	Dichlorodifluoromethane	20.000	15.362	23.2	100	0.00
3 M	Chloromethane	20.000	13.055	34.7#	92	0.00
4 M	Vinyl Chloride	20.000	14.169	29.2#	94	0.00
5 M	Bromomethane	20.000	25.123	-25.6#	165	0.00
6 M	Chloroethane	20.000	22.124	-10.6	146	0.00
7 M	Trichlorofluoromethane	20.000	19.194	4.0	121	0.00
8 T	Diethyl Ether	20.000	14.499	27.5#	97	0.00
9	1,1,2-Trichlorotrifluoroeth	20.000	16.721	16.4	108	0.00
10 M	1,1-Dichloroethene	20.000	15.147	24.3	98	0.00
11	Methyl Iodide	20.000	18.721	6.4	140	0.00
12	Methyl Acetate	20.000	14.175	29.1#	92	0.00
13 M	Acrolein	100.000	109.781	-9.8	159	0.00
14 M	Acrylonitrile	100.000	70.179	29.8#	90	0.00
15 M	Acetone	100.000	90.980	9.0	114	-0.01
16 M	Carbon Disulfide	20.000	13.776	31.1#	90	0.00
17	Allyl chloride	20.000	11.928	40.4#	77	0.00
18 M	Methylene Chloride	20.000	16.488	17.6	106	0.00
19 M	trans-1,2-Dichloroethene	20.000	15.951	20.2	103	0.00
20 T	Diisopropyl ether	20.000	13.192	34.0#	82	0.00
21 M	1,1-Dichloroethane	20.000	14.926	25.4#	94	0.00
22 M	cis-1,2-Dichloroethene	20.000	16.681	16.6	110	0.00
23 M	tert-Butyl Alcohol	100.000	72.674	27.3#	95	0.00
24 M	Methyl tert-Butyl Ether	20.000	16.078	19.6	106	0.00
25 M	Chloroform	20.000	18.096	9.5	118	0.00
26	Cyclohexane	20.000	12.601	37.0#	84	0.00
27 s	1,2-Dichloroethane-d4	30.000	28.037	6.5	109	0.00
28 I	1,4-Difluorobenzene	30.000	30.000	0.0	105	0.00
29	1,1-Dichloropropene	20.000	17.371	13.1	107	0.00
30 M	2-Butanone	100.000	81.328	18.7	95	0.00
31	2,2-Dichloropropane	20.000	19.857	0.7	114	0.00
32 M	1,1,1-Trichloroethane	20.000	20.665	-3.3	120	0.00
33 M	Carbon Tetrachloride	20.000	21.293	-6.5	130	0.00
34 M	Benzene	20.000	17.451	12.7	104	0.00
35	Methacrylonitrile	20.000	15.717	21.4	93	0.00
36 M	1,2-Dichloroethane	20.000	19.816	0.9	113	0.00
37 M	Trichloroethene	20.000	19.283	3.6	118	0.00
38	Methylcyclohexane	20.000	15.608	22.0	94	0.00
39 M	1,2-Dichloropropane	20.000	16.921	15.4	95	0.00
40	Dibromomethane	20.000	21.360	-6.8	121	0.00
41 M	Bromodichloromethane	20.000	20.727	-3.6	116	0.00
42 M	Vinyl Acetate	100.000	75.521	24.5	86	0.00
43	Ethyl Acetate	20.000	17.786	11.1	95	0.00
44	Isopropyl Acetate	20.000	16.014	19.9	94	0.00
45 T	1,4-Dioxane	400.000	344.807	13.8	100	0.00
46	Methyl methacrylate	20.000	14.229	28.9#	82	0.00
47	n-amyl Acetate	20.000	16.424	17.9	97	0.01
48 M	t-1,3-Dichloropropene	20.000	18.366	8.2	108	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
49 T	cis-1,3-Dichloropropene	20.000	18.187	9.1	102	0.00
50 M	1,1,2-Trichloroethane	20.000	20.367	-1.8	116	0.00
51	Ethyl methacrylate	20.000	16.060	19.7	98	0.00
52	1,3-Dichloropropane	20.000	18.677	6.6	106	0.00
53 M	Dibromochloromethane	20.000	22.113	-10.6	128	0.00
54 M	1,2-Dibromoethane	20.000	20.627	-3.1	117	0.00
55 M	2-Chloroethyl vinyl ether	100.000	79.280	20.7	90	0.00
56 M	Bromoform	20.000	21.788	-8.9	127	0.00
57 I	Chlorobenzene-d5	30.000	30.000	0.0	109	0.00
58 M	4-Methyl-2-Pentanone	100.000	74.861	25.1#	90	0.00
59 M	2-Hexanone	100.000	67.738	32.3#	89	0.00
60 S	4-Bromofluorobenzene	30.000	30.278	-0.9	114	0.00
61 M	Tetrachloroethene	20.000	18.914	5.4	115	0.00
62 M	Toluene	20.000	17.754	11.2	106	0.00
63 S	Toluene-d8	30.000	28.714	4.3	101	0.00
64 M	Chlorobenzene	20.000	19.178	4.1	115	0.00
65	1,1,1,2-Tetrachloroethane	20.000	20.242	-1.2	121	0.00
66 M	Ethyl Benzene	20.000	17.208	14.0	106	0.00
67 M	m/p-Xylenes	40.000	37.030	7.4	113	0.00
68 M	o-Xylene	20.000	18.205	9.0	111	0.00
69 M	Styrene	20.000	18.348	8.3	112	0.00
70	Isopropylbenzene	20.000	18.366	8.2	114	0.00
71 M	1,1,2,2-Tetrachloroethane	20.000	18.958	5.2	111	0.00
72	1,2,3-Trichloropropane	20.000	21.529	-7.6	132	0.00
73	Bromobenzene	20.000	20.642	-3.2	128	0.00
74	n-propylbenzene	20.000	18.397	8.0	115	0.00
75	2-Chlorotoluene	20.000	18.454	7.7	116	0.00
76	1,3,5-Trimethylbenzene	20.000	18.979	5.1	121	0.00
77	t-1,4-Dichloro-2-butene	20.000	16.581	17.1	107	0.00
78	4-Chlorotoluene	20.000	19.016	4.9	120	0.00
79	tert-butylbenzene	20.000	19.386	3.1	124	0.00
80	1,2,4-Trimethylbenzene	20.000	19.327	3.4	124	0.00
81	sec-Butylbenzene	20.000	19.132	4.3	119	0.00
82	p-Isopropyltoluene	20.000	19.920	0.4	120	0.00
83 M	1,3-Dichlorobenzene	20.000	21.396	-7.0	128	0.00
84 M	1,4-Dichlorobenzene	20.000	20.281	-1.4	123	0.00
85	n-Butylbenzene	20.000	18.624	6.9	112	0.00
86 T	Hexachloroethane	20.000	21.148	-5.7	134	0.00
87 M	1,2-Dichlorobenzene	20.000	21.467	-7.3	130	0.00
88	1,2-Dibromo-3-Chloropropane	20.000	19.830	0.9	121	0.00
89	1,2,4-Trichlorobenzene	20.000	19.816	0.9	120	0.00
90	Hexachlorobutadiene	20.000	18.762	6.2	114	0.00
91 M	Naphthalene	20.000	18.369	8.2	115	0.00
92	1,2,3-Trichlorobenzene	20.000	19.816	0.9	120	0.00

(#) = Out of Range

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