

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN070925\
 Data File : VN087306.D
 Acq On : 09 Jul 2025 09:57
 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 10 01:22:54 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	124	0.00
2 M	Dichlorodifluoromethane	20.000	16.376	18.1	111	0.00
3 M	Chloromethane	20.000	13.120	34.4#	96	0.00
4 M	Vinyl Chloride	20.000	15.316	23.4	106	0.00
5 M	Bromomethane	20.000	24.990	-24.9	171	0.00
6 M	Chloroethane	20.000	23.250	-16.3	161	0.00
7 M	Trichlorofluoromethane	20.000	20.815	-4.1	137	0.00
8 T	Diethyl Ether	20.000	14.170	29.1#	99	0.00
9	1,1,2-Trichlorotrifluoroeth	20.000	18.113	9.4	122	0.00
10 M	1,1-Dichloroethene	20.000	15.694	21.5	105	0.00
11	Methyl Iodide	20.000	19.092	4.5	149	0.00
12	Methyl Acetate	20.000	13.623	31.9#	92	0.00
13 M	Acrolein	100.000	71.253	28.7#	108	0.00
14 M	Acrylonitrile	100.000	66.585	33.4#	89	0.00
15 M	Acetone	100.000	87.002	13.0	114	0.00
16 M	Carbon Disulfide	20.000	14.447	27.8#	98	0.00
17	Allyl chloride	20.000	11.515	42.4#	78	0.00
18 M	Methylene Chloride	20.000	16.529	17.4	111	0.00
19 M	trans-1,2-Dichloroethene	20.000	16.573	17.1	112	0.00
20 T	Diisopropyl ether	20.000	13.089	34.6#	85	0.00
21 M	1,1-Dichloroethane	20.000	14.860	25.7#	98	0.00
22 M	cis-1,2-Dichloroethene	20.000	16.531	17.3	113	0.00
23 M	tert-Butyl Alcohol	100.000	71.746	28.3#	98	0.00
24 M	Methyl tert-Butyl Ether	20.000	15.160	24.2	104	0.00
25 M	Chloroform	20.000	17.706	11.5	120	0.00
26	Cyclohexane	20.000	12.722	36.4#	88	0.00
27 s	1,2-Dichloroethane-d4	30.000	28.218	5.9	114	0.00
28 I	1,4-Difluorobenzene	30.000	30.000	0.0	111	0.00
29	1,1-Dichloropropene	20.000	17.418	12.9	113	0.00
30 M	2-Butanone	100.000	77.944	22.1	95	0.00
31	2,2-Dichloropropane	20.000	20.315	-1.6	123	0.00
32 M	1,1,1-Trichloroethane	20.000	21.597	-8.0	131	0.00
33 M	Carbon Tetrachloride	20.000	21.773	-8.9	139	0.00
34 M	Benzene	20.000	17.779	11.1	111	0.00
35	Methacrylonitrile	20.000	14.071	29.6#	87	0.00
36 M	1,2-Dichloroethane	20.000	19.425	2.9	117	0.00
37 M	Trichloroethene	20.000	19.739	1.3	127	0.00
38	Methylcyclohexane	20.000	16.559	17.2	104	0.00
39 M	1,2-Dichloropropane	20.000	17.017	14.9	101	0.00
40	Dibromomethane	20.000	20.206	-1.0	121	0.00
41 M	Bromodichloromethane	20.000	19.846	0.8	116	0.00
42 M	Vinyl Acetate	100.000	64.478	35.5#	77	0.00
43	Ethyl Acetate	20.000	16.005	20.0	90	0.00
44	Isopropyl Acetate	20.000	15.009	25.0	92	0.00
45 T	1,4-Dioxane	400.000	402.845	-0.7	123	0.00
46	Methyl methacrylate	20.000	14.118	29.4#	85	0.00
47	n-amyl Acetate	20.000	18.564	7.2	115	0.00
48 M	t-1,3-Dichloropropene	20.000	17.179	14.1	106	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
49 T	cis-1,3-Dichloropropene	20.000	17.192	14.0	101	0.00
50 M	1,1,2-Trichloroethane	20.000	19.408	3.0	116	0.00
51	Ethyl methacrylate	20.000	15.225	23.9	98	0.00
52	1,3-Dichloropropane	20.000	18.311	8.4	109	0.00
53 M	Dibromochloromethane	20.000	21.715	-8.6	132	0.00
54 M	1,2-Dibromoethane	20.000	19.524	2.4	117	0.00
55 M	2-Chloroethyl vinyl ether	100.000	66.294	33.7#	79	0.00
56 M	Bromoform	20.000	21.626	-8.1	133	0.00
57 I	Chlorobenzene-d5	30.000	30.000	0.0	113	0.00
58 M	4-Methyl-2-Pentanone	100.000	74.756	25.2#	93	0.00
59 M	2-Hexanone	100.000	71.018	29.0#	97	0.00
60 S	4-Bromofluorobenzene	30.000	30.233	-0.8	117	0.00
61 M	Tetrachloroethene	20.000	20.028	-0.1	125	0.00
62 M	Toluene	20.000	18.002	10.0	111	0.00
63 S	Toluene-d8	30.000	29.086	3.0	105	0.00
64 M	Chlorobenzene	20.000	19.492	2.5	121	0.00
65	1,1,1,2-Tetrachloroethane	20.000	20.949	-4.7	129	0.00
66 M	Ethyl Benzene	20.000	17.329	13.4	110	0.00
67 M	m/p-Xylenes	40.000	38.051	4.9	120	0.00
68 M	o-Xylene	20.000	17.881	10.6	113	0.00
69 M	Styrene	20.000	18.082	9.6	114	0.00
70	Isopropylbenzene	20.000	18.976	5.1	122	0.00
71 M	1,1,2,2-Tetrachloroethane	20.000	18.631	6.8	113	0.00
72	1,2,3-Trichloropropane	20.000	18.500	7.5	117	0.00
73	Bromobenzene	20.000	21.051	-5.3	135	0.00
74	n-propylbenzene	20.000	18.726	6.4	120	0.00
75	2-Chlorotoluene	20.000	18.581	7.1	121	0.00
76	1,3,5-Trimethylbenzene	20.000	19.979	0.1	131	0.00
77	t-1,4-Dichloro-2-butene	20.000	16.336	18.3	109	0.00
78	4-Chlorotoluene	20.000	19.138	4.3	124	0.00
79	tert-butylbenzene	20.000	20.001	-0.0	132	0.00
80	1,2,4-Trimethylbenzene	20.000	20.251	-1.3	134	0.00
81	sec-Butylbenzene	20.000	19.964	0.2	128	0.00
82	p-Isopropyltoluene	20.000	20.549	-2.7	128	0.00
83 M	1,3-Dichlorobenzene	20.000	21.672	-8.4	134	0.00
84 M	1,4-Dichlorobenzene	20.000	21.567	-7.8	135	0.00
85	n-Butylbenzene	20.000	18.966	5.2	118	0.00
86 T	Hexachloroethane	20.000	21.509	-7.5	141	0.00
87 M	1,2-Dichlorobenzene	20.000	21.825	-9.1	136	0.00
88	1,2-Dibromo-3-Chloropropane	20.000	19.599	2.0	124	0.00
89	1,2,4-Trichlorobenzene	20.000	20.480	-2.4	128	0.00
90	Hexachlorobutadiene	20.000	21.025	-5.1	132	0.00
91 M	Naphthalene	20.000	18.156	9.2	117	0.00
92	1,2,3-Trichlorobenzene	20.000	20.480	-2.4	128	0.00

(#) = Out of Range

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