

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN010225\
 Data File : VN085372.D
 Acq On : 02 Jan 2025 10:36
 Operator : JC\MD
 Sample : VSTDCCC020
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_N
 LabSampleId :
 VSTDCCC020

Quant Time: Jan 03 00:41:12 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N122024W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Sat Dec 21 02:03:07 2024
 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	20.366	-1.8	101	0.00
3 M	Chloromethane	20.000	19.480	2.6	98	0.00
4 M	Vinyl Chloride	20.000	19.633	1.8	101	0.00
5 M	Bromomethane	20.000	19.756	1.2	105	0.00
6 M	Chloroethane	20.000	20.107	-0.5	101	0.00
7 M	Trichlorofluoromethane	20.000	20.071	-0.4	102	0.00
8 T	Diethyl Ether	20.000	18.425	7.9	100	0.00
9	1,1,2-Trichlorotrifluoroeth	20.000	20.235	-1.2	103	0.00
10 M	1,1-Dichloroethene	20.000	19.240	3.8	102	0.00
11	Methyl Iodide	20.000	19.868	0.7	108	0.00
12	Methyl Acetate	20.000	20.895	-4.5	108	0.00
13 M	Acrolein	100.000	99.404	0.6	116	0.00
14 M	Acrylonitrile	100.000	94.741	5.3	99	0.00
15 M	Acetone	100.000	95.833	4.2	98	0.00
16 M	Carbon Disulfide	20.000	18.684	6.6	97	0.00
17	Allyl chloride	20.000	17.751	11.2	95	0.00
18 M	Methylene Chloride	20.000	19.826	0.9	102	0.00
19 M	trans-1,2-Dichloroethene	20.000	19.639	1.8	103	0.01
20 T	Diisopropyl ether	20.000	19.464	2.7	99	0.00
21 M	1,1-Dichloroethane	20.000	19.556	2.2	100	0.00
22 M	cis-1,2-Dichloroethene	20.000	19.360	3.2	102	0.00
23 M	tert-Butyl Alcohol	100.000	89.034	11.0	98	0.00
24 M	Methyl tert-Butyl Ether	20.000	18.963	5.2	100	-0.01
25 M	Chloroform	20.000	19.919	0.4	101	0.00
26	Cyclohexane	20.000	18.693	6.5	99	0.00
27 s	1,2-Dichloroethane-d4	30.000	29.713	1.0	103	0.00
28 I	1,4-Difluorobenzene	30.000	30.000	0.0	106	0.00
29	1,1-Dichloropropene	20.000	19.319	3.4	101	0.00
30 M	2-Butanone	100.000	92.708	7.3	96	0.00
31	2,2-Dichloropropane	20.000	19.441	2.8	100	0.00
32 M	1,1,1-Trichloroethane	20.000	19.457	2.7	100	0.00
33 M	Carbon Tetrachloride	20.000	19.789	1.1	102	0.00
34 M	Benzene	20.000	19.694	1.5	101	0.00
35	Methacrylonitrile	20.000	18.637	6.8	98	0.00
36 M	1,2-Dichloroethane	20.000	19.625	1.9	101	0.00
37 M	Trichloroethene	20.000	19.590	2.1	102	0.00
38	Methylcyclohexane	20.000	18.337	8.3	104	0.00
39 M	1,2-Dichloropropane	20.000	19.650	1.8	101	0.00
40	Dibromomethane	20.000	19.692	1.5	101	0.00
41 M	Bromodichloromethane	20.000	19.510	2.4	99	0.00
42 M	Vinyl Acetate	100.000	90.822	9.2	97	0.00
43	Ethyl Acetate	20.000	18.146	9.3	98	0.00
44	Isopropyl Acetate	20.000	18.504	7.5	97	0.00
45 T	1,4-Dioxane	400.000	380.926	4.8	100	0.00
46	Methyl methacrylate	20.000	18.061	9.7	95	0.00
47	n-amyl Acetate	20.000	18.148	9.3	98	0.00
48 M	t-1,3-Dichloropropene	20.000	18.761	6.2	100	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
49 T	cis-1,3-Dichloropropene	20.000	19.043	4.8	101	0.00
50 M	1,1,2-Trichloroethane	20.000	19.198	4.0	96	0.00
51	Ethyl methacrylate	20.000	18.326	8.4	101	0.00
52	1,3-Dichloropropane	20.000	19.424	2.9	99	0.00
53 M	Dibromochloromethane	20.000	19.378	3.1	98	0.00
54 M	1,2-Dibromoethane	20.000	20.042	-0.2	104	0.00
55 M	2-Chloroethyl vinyl ether	100.000	80.157	19.8	86	0.00
56 M	Bromoform	20.000	18.991	5.0	100	0.00
57 I	Chlorobenzene-d5	30.000	30.000	0.0	105	0.00
58 M	4-Methyl-2-Pentanone	100.000	97.127	2.9	97	0.00
59 M	2-Hexanone	100.000	94.892	5.1	96	0.00
60 S	4-Bromofluorobenzene	30.000	30.022	-0.1	105	0.00
61 M	Tetrachloroethene	20.000	21.078	-5.4	108	0.00
62 M	Toluene	20.000	19.334	3.3	98	0.00
63 S	Toluene-d8	30.000	30.465	-1.5	103	0.00
64 M	Chlorobenzene	20.000	19.832	0.8	102	0.00
65	1,1,1,2-Tetrachloroethane	20.000	19.742	1.3	100	0.00
66 M	Ethyl Benzene	20.000	18.956	5.2	100	0.00
67 M	m/p-Xylenes	40.000	40.167	-0.4	102	0.00
68 M	o-Xylene	20.000	19.420	2.9	102	0.00
69 M	Styrene	20.000	19.398	3.0	100	0.00
70	Isopropylbenzene	20.000	19.390	3.0	102	0.00
71 M	1,1,2,2-Tetrachloroethane	20.000	19.173	4.1	99	0.00
72	1,2,3-Trichloropropane	20.000	19.145	4.3	105	0.00
73	Bromobenzene	20.000	19.542	2.3	99	0.00
74	n-propylbenzene	20.000	19.628	1.9	103	0.00
75	2-Chlorotoluene	20.000	19.698	1.5	103	0.00
76	1,3,5-Trimethylbenzene	20.000	19.582	2.1	101	0.00
77	t-1,4-Dichloro-2-butene	20.000	18.496	7.5	103	0.00
78	4-Chlorotoluene	20.000	19.622	1.9	103	0.00
79	tert-butylbenzene	20.000	19.177	4.1	104	0.00
80	1,2,4-Trimethylbenzene	20.000	20.071	-0.4	104	0.00
81	sec-Butylbenzene	20.000	19.611	1.9	105	0.00
82	p-Isopropyltoluene	20.000	19.265	3.7	106	0.00
83 M	1,3-Dichlorobenzene	20.000	19.328	3.4	99	0.00
84 M	1,4-Dichlorobenzene	20.000	19.809	1.0	107	0.00
85	n-Butylbenzene	20.000	18.275	8.6	104	0.00
86 T	Hexachloroethane	20.000	19.140	4.3	98	0.00
87 M	1,2-Dichlorobenzene	20.000	19.651	1.7	102	0.00
88	1,2-Dibromo-3-Chloropropane	20.000	19.399	3.0	102	0.00
89	1,2,4-Trichlorobenzene	20.000	19.076	4.6	105	0.00
90	Hexachlorobutadiene	20.000	19.289	3.6	102	0.00
91 M	Naphthalene	20.000	17.199	14.0	100	0.00
92	1,2,3-Trichlorobenzene	20.000	19.076	4.6	105	0.00

(#) = Out of Range

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