

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\WX061125\
 Data File : VX046628.D
 Acq On : 11 Jun 2025 11:12
 Operator : JC/MD
 Sample : VSTDCCC020
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 LabSampleId :
 VSTDCCC020

Quant Time: Jun 12 01:36:21 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\624X061025W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Wed Jun 11 06:20:28 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	104	0.00
2 M	Dichlorodifluoromethane	20.000	20.929	-4.6	104	0.00
3 M	Chloromethane	20.000	18.721	6.4	92	0.00
4 M	Vinyl Chloride	20.000	19.703	1.5	97	0.00
5 M	Bromomethane	20.000	14.313	28.4#	67	0.00
6 M	Chloroethane	20.000	19.080	4.6	100	0.00
7 M	Trichlorofluoromethane	20.000	20.473	-2.4	99	0.00
8 T	Diethyl Ether	20.000	19.438	2.8	95	0.00
9	1,1,2-Trichlorotrifluoroeth	20.000	20.046	-0.2	99	0.00
10 M	1,1-Dichloroethene	20.000	19.448	2.8	98	0.00
11	Methyl Iodide	20.000	13.609	32.0#	69	0.00
12	Methyl Acetate	20.000	16.090	19.6	61	0.00
13 M	Acrolein	100.000	100.231	-0.2	111	0.00
14 M	Acrylonitrile	100.000	92.911	7.1	92	0.00
15 M	Acetone	100.000	97.272	2.7	97	0.00
16 M	Carbon Disulfide	20.000	20.491	-2.5	102	0.00
17	Allyl chloride	20.000	19.868	0.7	99	0.00
18 M	Methylene Chloride	20.000	20.147	-0.7	100	0.00
19 M	trans-1,2-Dichloroethene	20.000	19.932	0.3	100	0.00
20 T	Diisopropyl ether	20.000	20.190	-1.0	99	0.00
21 M	1,1-Dichloroethane	20.000	19.792	1.0	98	0.00
22 M	cis-1,2-Dichloroethene	20.000	20.366	-1.8	100	-0.01
23 M	tert-Butyl Alcohol	100.000	84.214	15.8	89	0.00
24 M	Methyl tert-Butyl Ether	20.000	19.462	2.7	97	0.00
25 M	Chloroform	20.000	20.542	-2.7	101	0.00
26	Cyclohexane	20.000	20.011	-0.1	99	0.00
27 s	1,2-Dichloroethane-d4	30.000	30.685	-2.3	106	-0.01
28 I	1,4-Difluorobenzene	30.000	30.000	0.0	106	0.00
29	1,1-Dichloropropene	20.000	19.988	0.1	97	0.00
30 M	2-Butanone	100.000	94.128	5.9	93	0.00
31	2,2-Dichloropropane	20.000	22.799	-14.0	115	-0.01
32 M	1,1,1-Trichloroethane	20.000	20.272	-1.4	100	0.00
33 M	Carbon Tetrachloride	20.000	20.700	-3.5	102	0.00
34 M	Benzene	20.000	20.087	-0.4	98	0.00
35	Methacrylonitrile	20.000	19.547	2.3	100	-0.02
36 M	1,2-Dichloroethane	20.000	20.516	-2.6	98	0.00
37 M	Trichloroethene	20.000	19.629	1.9	99	0.00
38	Methylcyclohexane	20.000	20.161	-0.8	102	0.00
39 M	1,2-Dichloropropane	20.000	20.087	-0.4	100	0.00
40	Dibromomethane	20.000	19.732	1.3	97	-0.01
41 M	Bromodichloromethane	20.000	19.934	0.3	97	0.00
42 M	Vinyl Acetate	100.000	100.751	-0.8	112	0.00
43	Ethyl Acetate	20.000	19.510	2.4	98	0.00
44	Isopropyl Acetate	20.000	19.357	3.2	100	0.00
45 T	1,4-Dioxane	400.000	338.424	15.4	82	0.00
46	Methyl methacrylate	20.000	19.051	4.7	94	0.00
47	n-amyl Acetate	20.000	19.360	3.2	113	0.00
48 M	t-1,3-Dichloropropene	20.000	19.387	3.1	102	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
49 T	cis-1,3-Dichloropropene	20.000	19.585	2.1	100	0.00
50 M	1,1,2-Trichloroethane	20.000	20.006	-0.0	98	0.00
51	Ethyl methacrylate	20.000	18.591	7.0	94	0.00
52	1,3-Dichloropropane	20.000	19.928	0.4	96	0.00
53 M	Dibromochloromethane	20.000	20.316	-1.6	102	0.00
54 M	1,2-Dibromoethane	20.000	19.458	2.7	98	0.00
55 M	2-Chloroethyl vinyl ether	100.000	98.440	1.6	94	0.00
56 M	Bromoform	20.000	20.140	-0.7	102	0.00
57 I	Chlorobenzene-d5	30.000	30.000	0.0	103	0.00
58 M	4-Methyl-2-Pentanone	100.000	97.307	2.7	94	0.00
59 M	2-Hexanone	100.000	92.866	7.1	89	0.00
60 S	4-Bromofluorobenzene	30.000	30.633	-2.1	105	0.00
61 M	Tetrachloroethene	20.000	20.169	-0.8	98	0.00
62 M	Toluene	20.000	20.261	-1.3	97	0.00
63 S	Toluene-d8	30.000	30.459	-1.5	103	0.00
64 M	Chlorobenzene	20.000	20.067	-0.3	99	0.00
65	1,1,1,2-Tetrachloroethane	20.000	19.599	2.0	96	0.00
66 M	Ethyl Benzene	20.000	19.829	0.9	97	0.00
67 M	m/p-Xylenes	40.000	40.142	-0.4	97	0.00
68 M	o-Xylene	20.000	19.910	0.4	96	0.00
69 M	Styrene	20.000	20.216	-1.1	96	0.00
70	Isopropylbenzene	20.000	20.200	-1.0	98	0.00
71 M	1,1,2,2-Tetrachloroethane	20.000	19.850	0.7	94	0.00
72	1,2,3-Trichloropropane	20.000	19.632	1.8	94	0.00
73	Bromobenzene	20.000	19.766	1.2	97	0.00
74	n-propylbenzene	20.000	20.504	-2.5	99	0.00
75	2-Chlorotoluene	20.000	20.207	-1.0	97	0.00
76	1,3,5-Trimethylbenzene	20.000	20.453	-2.3	98	0.00
77	t-1,4-Dichloro-2-butene	20.000	18.871	5.6	98	0.00
78	4-Chlorotoluene	20.000	20.420	-2.1	97	0.00
79	tert-butylbenzene	20.000	20.403	-2.0	98	0.00
80	1,2,4-Trimethylbenzene	20.000	20.752	-3.8	99	0.00
81	sec-Butylbenzene	20.000	20.407	-2.0	98	0.00
82	p-Isopropyltoluene	20.000	21.003	-5.0	101	0.00
83 M	1,3-Dichlorobenzene	20.000	20.594	-3.0	100	0.00
84 M	1,4-Dichlorobenzene	20.000	20.531	-2.7	98	0.00
85	n-Butylbenzene	20.000	20.808	-4.0	99	0.00
86 T	Hexachloroethane	20.000	19.769	1.2	98	0.00
87 M	1,2-Dichlorobenzene	20.000	20.314	-1.6	97	0.00
88	1,2-Dibromo-3-Chloropropane	20.000	19.869	0.7	98	0.00
89	1,2,4-Trichlorobenzene	20.000	20.015	-0.1	98	0.00
90	Hexachlorobutadiene	20.000	20.065	-0.3	98	0.00
91 M	Naphthalene	20.000	19.669	1.7	98	0.00
92	1,2,3-Trichlorobenzene	20.000	20.098	-0.5	98	0.00

(#) = Out of Range

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