

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX061325\
 Data File : VX046675.D
 Acq On : 13 Jun 2025 09:26
 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 13 22:59:53 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	121	-0.01
2 M	Dichlorodifluoromethane	20.000	20.260	-1.3	117	0.00
3 M	Chloromethane	20.000	18.832	5.8	108	0.00
4 M	Vinyl Chloride	20.000	18.915	5.4	109	0.00
5 M	Bromomethane	20.000	18.937	5.3	103	0.00
6 M	Chloroethane	20.000	18.022	9.9	110	0.00
7 M	Trichlorofluoromethane	20.000	19.675	1.6	111	0.00
8 T	Diethyl Ether	20.000	18.303	8.5	104	0.00
9	1,1,2-Trichlorotrifluoroeth	20.000	19.736	1.3	114	0.00
10 M	1,1-Dichloroethene	20.000	19.062	4.7	112	0.00
11	Methyl Iodide	20.000	15.574	22.1	91	0.00
12	Methyl Acetate	20.000	15.486	22.6	68	0.00
13 M	Acrolein	100.000	104.503	-4.5	135	0.00
14 M	Acrylonitrile	100.000	93.951	6.0	108	0.00
15 M	Acetone	100.000	114.171	-14.2	132	0.00
16 M	Carbon Disulfide	20.000	19.666	1.7	114	0.00
17	Allyl chloride	20.000	18.791	6.0	109	0.00
18 M	Methylene Chloride	20.000	19.485	2.6	112	0.00
19 M	trans-1,2-Dichloroethene	20.000	19.876	0.6	116	0.00
20 T	Diisopropyl ether	20.000	19.631	1.8	112	0.00
21 M	1,1-Dichloroethane	20.000	19.573	2.1	113	-0.01
22 M	cis-1,2-Dichloroethene	20.000	19.583	2.1	112	0.00
23 M	tert-Butyl Alcohol	100.000	99.569	0.4	122	0.00
24 M	Methyl tert-Butyl Ether	20.000	19.602	2.0	113	0.00
25 M	Chloroform	20.000	20.613	-3.1	118	0.00
26	Cyclohexane	20.000	20.063	-0.3	115	0.00
27 s	1,2-Dichloroethane-d4	30.000	30.106	-0.4	121	-0.01
28 I	1,4-Difluorobenzene	30.000	30.000	0.0	123	0.00
29	1,1-Dichloropropene	20.000	20.312	-1.6	114	0.00
30 M	2-Butanone	100.000	91.052	8.9	105	0.00
31	2,2-Dichloropropane	20.000	22.925	-14.6	135	-0.01
32 M	1,1,1-Trichloroethane	20.000	20.644	-3.2	118	0.00
33 M	Carbon Tetrachloride	20.000	20.657	-3.3	118	0.00
34 M	Benzene	20.000	20.204	-1.0	115	0.00
35	Methacrylonitrile	20.000	18.885	5.6	113	-0.01
36 M	1,2-Dichloroethane	20.000	20.520	-2.6	114	0.00
37 M	Trichloroethene	20.000	19.905	0.5	116	0.00
38	Methylcyclohexane	20.000	20.279	-1.4	119	0.00
39 M	1,2-Dichloropropane	20.000	20.181	-0.9	116	0.00
40	Dibromomethane	20.000	19.824	0.9	114	-0.01
41 M	Bromodichloromethane	20.000	20.549	-2.7	116	0.00
42 M	Vinyl Acetate	100.000	96.822	3.2	125	0.00
43	Ethyl Acetate	20.000	16.572	17.1	96	0.00
44	Isopropyl Acetate	20.000	20.482	-2.4	123	0.00
45 T	1,4-Dioxane	400.000	448.633	-12.2	127	0.00
46	Methyl methacrylate	20.000	19.493	2.5	112	0.00
47	n-amyl Acetate	20.000	19.984	0.1	136	0.00
48 M	t-1,3-Dichloropropene	20.000	20.075	-0.4	123	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
49 T	cis-1,3-Dichloropropene	20.000	20.564	-2.8	122	0.00
50 M	1,1,2-Trichloroethane	20.000	20.468	-2.3	117	0.00
51	Ethyl methacrylate	20.000	19.420	2.9	115	0.00
52	1,3-Dichloropropane	20.000	20.019	-0.1	112	0.00
53 M	Dibromochloromethane	20.000	20.267	-1.3	118	0.00
54 M	1,2-Dibromoethane	20.000	19.682	1.6	115	0.00
55 M	2-Chloroethyl vinyl ether	100.000	101.947	-1.9	114	0.00
56 M	Bromoform	20.000	20.608	-3.0	121	0.00
57 I	Chlorobenzene-d5	30.000	30.000	0.0	119	0.00
58 M	4-Methyl-2-Pentanone	100.000	101.230	-1.2	113	0.00
59 M	2-Hexanone	100.000	97.411	2.6	109	0.00
60 S	4-Bromofluorobenzene	30.000	30.411	-1.4	121	0.00
61 M	Tetrachloroethene	20.000	20.471	-2.4	116	0.00
62 M	Toluene	20.000	20.500	-2.5	114	0.00
63 S	Toluene-d8	30.000	30.612	-2.0	121	0.00
64 M	Chlorobenzene	20.000	20.228	-1.1	115	0.00
65	1,1,1,2-Tetrachloroethane	20.000	20.179	-0.9	114	0.00
66 M	Ethyl Benzene	20.000	20.268	-1.3	114	0.00
67 M	m/p-Xylenes	40.000	41.422	-3.6	116	0.00
68 M	o-Xylene	20.000	19.978	0.1	112	0.00
69 M	Styrene	20.000	20.457	-2.3	113	0.00
70	Isopropylbenzene	20.000	20.173	-0.9	114	0.00
71 M	1,1,2,2-Tetrachloroethane	20.000	20.140	-0.7	111	0.00
72	1,2,3-Trichloropropane	20.000	20.088	-0.4	112	0.00
73	Bromobenzene	20.000	20.261	-1.3	116	0.00
74	n-propylbenzene	20.000	20.748	-3.7	116	0.00
75	2-Chlorotoluene	20.000	20.604	-3.0	115	0.00
76	1,3,5-Trimethylbenzene	20.000	20.654	-3.3	115	0.00
77	t-1,4-Dichloro-2-butene	20.000	20.395	-2.0	123	0.00
78	4-Chlorotoluene	20.000	20.595	-3.0	113	0.00
79	tert-butylbenzene	20.000	20.568	-2.8	115	0.00
80	1,2,4-Trimethylbenzene	20.000	20.509	-2.5	114	0.00
81	sec-Butylbenzene	20.000	20.501	-2.5	115	0.00
82	p-Isopropyltoluene	20.000	20.971	-4.9	116	0.00
83 M	1,3-Dichlorobenzene	20.000	20.779	-3.9	116	0.00
84 M	1,4-Dichlorobenzene	20.000	20.233	-1.2	112	0.00
85	n-Butylbenzene	20.000	21.059	-5.3	117	0.00
86 T	Hexachloroethane	20.000	20.427	-2.1	117	0.00
87 M	1,2-Dichlorobenzene	20.000	20.683	-3.4	115	0.00
88	1,2-Dibromo-3-Chloropropane	20.000	19.789	1.1	113	0.00
89	1,2,4-Trichlorobenzene	20.000	20.191	-1.0	115	0.00
90	Hexachlorobutadiene	20.000	19.446	2.8	110	0.00
91 M	Naphthalene	20.000	19.521	2.4	112	0.00
92	1,2,3-Trichlorobenzene	20.000	20.887	-4.4	118	0.00

(#) = Out of Range

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