

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\WX100725\
 Data File : VX048058.D
 Acq On : 07 Oct 2025 19:27
 Operator : JC/MD
 Sample : VSTDICV020
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 ICSVVX100725

Quant Time: Oct 08 02:52:35 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\624X100725W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Wed Oct 08 02:46:46 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	93	0.00
2 M	Dichlorodifluoromethane	20.000	19.823	0.9	89	0.00
3 M	Chloromethane	20.000	19.915	0.4	88	0.00
4 M	Vinyl Chloride	20.000	19.930	0.4	88	0.00
5 M	Bromomethane	20.000	22.251	-11.3	95	0.00
6 M	Chloroethane	20.000	20.361	-1.8	92	0.00
7 M	Trichlorofluoromethane	20.000	18.616	6.9	85	0.00
8 T	Diethyl Ether	20.000	19.025	4.9	86	0.00
9	1,1,2-Trichlorotrifluoroeth	20.000	19.552	2.2	91	0.00
10 M	1,1-Dichloroethene	20.000	18.278	8.6	81	0.00
11	Methyl Iodide	20.000	17.929	10.4	91	0.00
12	Methyl Acetate	20.000	19.741	1.3	89	0.00
13 M	Acrolein	100.000	70.116	29.9#	66	0.00
14 M	Acrylonitrile	100.000	99.147	0.9	89	0.00
15 M	Acetone	100.000	97.436	2.6	86	0.00
16 M	Carbon Disulfide	20.000	20.599	-3.0	92	0.00
17	Allyl chloride	20.000	19.988	0.1	91	0.00
18 M	Methylene Chloride	20.000	20.203	-1.0	92	0.00
19 M	trans-1,2-Dichloroethene	20.000	20.674	-3.4	88	0.00
20 T	Diisopropyl ether	20.000	20.738	-3.7	91	0.00
21 M	1,1-Dichloroethane	20.000	19.885	0.6	89	0.00
22 M	cis-1,2-Dichloroethene	20.000	19.219	3.9	88	0.00
23 M	tert-Butyl Alcohol	100.000	96.736	3.3	89	0.00
24 M	Methyl tert-Butyl Ether	20.000	20.435	-2.2	91	0.00
25 M	Chloroform	20.000	20.610	-3.0	91	0.00
26	Cyclohexane	20.000	20.548	-2.7	91	0.00
27 s	1,2-Dichloroethane-d4	30.000	29.809	0.6	89	0.00
28 I	1,4-Difluorobenzene	30.000	30.000	0.0	91	0.00
29	1,1-Dichloropropene	20.000	20.768	-3.8	92	0.00
30 M	2-Butanone	100.000	99.673	0.3	89	0.00
31	2,2-Dichloropropane	20.000	19.283	3.6	88	0.00
32 M	1,1,1-Trichloroethane	20.000	20.750	-3.8	92	0.00
33 M	Carbon Tetrachloride	20.000	18.574	7.1	84	0.00
34 M	Benzene	20.000	20.237	-1.2	91	0.00
35	Methacrylonitrile	20.000	19.449	2.8	86	0.00
36 M	1,2-Dichloroethane	20.000	20.583	-2.9	91	0.00
37 M	Trichloroethene	20.000	19.983	0.1	92	0.00
38	Methylcyclohexane	20.000	19.991	0.0	94	0.00
39 M	1,2-Dichloropropane	20.000	20.591	-3.0	92	0.00
40	Dibromomethane	20.000	18.750	6.3	80	0.00
41 M	Bromodichloromethane	20.000	20.129	-0.6	91	0.00
42 M	Vinyl Acetate	100.000	100.892	-0.9	92	0.00
43	Ethyl Acetate	20.000	18.912	5.4	85	0.00
44	Isopropyl Acetate	20.000	20.018	-0.1	91	0.00
45 T	1,4-Dioxane	400.000	394.267	1.4	88	0.00
46	Methyl methacrylate	20.000	19.994	0.0	92	0.00
47	n-amyl Acetate	20.000	20.630	-3.1	95	0.00
48 M	t-1,3-Dichloropropene	20.000	20.184	-0.9	93	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
49 T	cis-1,3-Dichloropropene	20.000	20.428	-2.1	92	0.00
50 M	1,1,2-Trichloroethane	20.000	21.012	-5.1	92	0.00
51	Ethyl methacrylate	20.000	20.455	-2.3	95	0.00
52	1,3-Dichloropropane	20.000	20.911	-4.6	92	0.00
53 M	Dibromochloromethane	20.000	14.506	27.5#	78	0.00
54 M	1,2-Dibromoethane	20.000	21.798	-9.0	96	0.00
55 M	2-Chloroethyl vinyl ether	100.000	87.317	12.7	78	0.00
56 M	Bromoform	20.000	7.350	63.3#	24	0.00
57 I	Chlorobenzene-d5	30.000	30.000	0.0	93	0.00
58 M	4-Methyl-2-Pentanone	100.000	101.220	-1.2	89	0.00
59 M	2-Hexanone	100.000	100.600	-0.6	90	0.00
60 S	4-Bromofluorobenzene	30.000	30.004	-0.0	91	0.00
61 M	Tetrachloroethene	20.000	20.759	-3.8	95	0.00
62 M	Toluene	20.000	20.200	-1.0	91	0.00
63 S	Toluene-d8	30.000	29.629	1.2	91	0.00
64 M	Chlorobenzene	20.000	20.584	-2.9	94	0.00
65	1,1,1,2-Tetrachloroethane	20.000	19.497	2.5	87	0.00
66 M	Ethyl Benzene	20.000	20.292	-1.5	94	0.00
67 M	m/p-Xylenes	40.000	41.372	-3.4	93	0.00
68 M	o-Xylene	20.000	20.496	-2.5	94	0.00
69 M	Styrene	20.000	20.540	-2.7	91	0.00
70	Isopropylbenzene	20.000	20.652	-3.3	93	0.00
71 M	1,1,2,2-Tetrachloroethane	20.000	21.105	-5.5	91	0.00
72	1,2,3-Trichloropropane	20.000	21.209	-6.0	92	0.00
73	Bromobenzene	20.000	20.701	-3.5	97	0.00
74	n-propylbenzene	20.000	20.434	-2.2	93	0.00
75	2-Chlorotoluene	20.000	20.833	-4.2	94	0.00
76	1,3,5-Trimethylbenzene	20.000	20.796	-4.0	94	0.00
77	t-1,4-Dichloro-2-butene	20.000	19.658	1.7	92	0.00
78	4-Chlorotoluene	20.000	20.541	-2.7	92	0.00
79	tert-butylbenzene	20.000	20.515	-2.6	95	0.00
80	1,2,4-Trimethylbenzene	20.000	20.865	-4.3	93	0.00
81	sec-Butylbenzene	20.000	20.869	-4.3	94	0.00
82	p-Isopropyltoluene	20.000	21.122	-5.6	95	0.00
83 M	1,3-Dichlorobenzene	20.000	20.600	-3.0	94	0.00
84 M	1,4-Dichlorobenzene	20.000	20.909	-4.5	95	0.00
85	n-Butylbenzene	20.000	20.686	-3.4	94	0.00
86 T	Hexachloroethane	20.000	22.403	-12.0	141	0.00
87 M	1,2-Dichlorobenzene	20.000	20.869	-4.3	94	0.00
88	1,2-Dibromo-3-Chloropropane	20.000	19.787	1.1	91	0.00
89	1,2,4-Trichlorobenzene	20.000	20.405	-2.0	95	0.00
90	Hexachlorobutadiene	20.000	29.338	-46.7#	99	0.00
91 M	Naphthalene	20.000	20.118	-0.6	96	0.00
92	1,2,3-Trichlorobenzene	20.000	20.788	-3.9	99	0.00

(#) = Out of Range

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