

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX061025\
 Data File : VX046626.D
 Acq On : 11 Jun 2025 01:16
 Operator : JC/MD
 Sample : VSTDCCC020
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 47 Sample Multiplier: 1

Instrument :
 MSVOA_X
 LabSampleId :
 VSTDCCC020

Quant Time: Jun 11 06:53:13 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	97	0.00
2 M	Dichlorodifluoromethane	20.000	18.525	7.4	86	0.00
3 M	Chloromethane	20.000	17.747	11.3	82	0.00
4 M	Vinyl Chloride	20.000	18.261	8.7	84	0.00
5 M	Bromomethane	20.000	11.798	41.0#	52	0.00
6 M	Chloroethane	20.000	15.464	22.7	75	0.00
7 M	Trichlorofluoromethane	20.000	18.285	8.6	83	0.00
8 T	Diethyl Ether	20.000	18.641	6.8	85	0.00
9	1,1,2-Trichlorotrifluoroeth	20.000	18.374	8.1	85	0.00
10 M	1,1-Dichloroethene	20.000	18.415	7.9	87	0.00
11	Methyl Iodide	20.000	13.963	30.2#	66	0.00
12	Methyl Acetate	20.000	18.361	8.2	64	0.00
13 M	Acrolein	100.000	101.760	-1.8	105	0.00
14 M	Acrylonitrile	100.000	93.297	6.7	86	0.00
15 M	Acetone	100.000	98.367	1.6	91	0.00
16 M	Carbon Disulfide	20.000	19.736	1.3	91	0.00
17	Allyl chloride	20.000	18.423	7.9	86	0.00
18 M	Methylene Chloride	20.000	18.625	6.9	86	0.00
19 M	trans-1,2-Dichloroethene	20.000	18.401	8.0	86	0.00
20 T	Diisopropyl ether	20.000	19.606	2.0	89	0.00
21 M	1,1-Dichloroethane	20.000	18.983	5.1	87	0.00
22 M	cis-1,2-Dichloroethene	20.000	18.619	6.9	85	0.00
23 M	tert-Butyl Alcohol	100.000	100.227	-0.2	98	0.00
24 M	Methyl tert-Butyl Ether	20.000	19.434	2.8	90	0.00
25 M	Chloroform	20.000	19.536	2.3	89	0.00
26	Cyclohexane	20.000	18.739	6.3	86	0.00
27 s	1,2-Dichloroethane-d4	30.000	30.483	-1.6	98	0.00
28 I	1,4-Difluorobenzene	30.000	30.000	0.0	98	0.00
29	1,1-Dichloropropene	20.000	18.388	8.1	82	0.00
30 M	2-Butanone	100.000	97.657	2.3	90	0.00
31	2,2-Dichloropropane	20.000	16.514	17.4	77	0.00
32 M	1,1,1-Trichloroethane	20.000	19.287	3.6	88	0.00
33 M	Carbon Tetrachloride	20.000	19.053	4.7	87	0.00
34 M	Benzene	20.000	19.440	2.8	88	0.00
35	Methacrylonitrile	20.000	19.535	2.3	93	0.00
36 M	1,2-Dichloroethane	20.000	19.410	2.9	86	0.00
37 M	Trichloroethene	20.000	18.955	5.2	88	0.00
38	Methylcyclohexane	20.000	18.873	5.6	88	0.00
39 M	1,2-Dichloropropane	20.000	19.377	3.1	89	0.00
40	Dibromomethane	20.000	19.470	2.7	89	0.00
41 M	Bromodichloromethane	20.000	18.753	6.2	84	0.00
42 M	Vinyl Acetate	100.000	96.420	3.6	99	0.00
43	Ethyl Acetate	20.000	18.794	6.0	87	0.00
44	Isopropyl Acetate	20.000	19.263	3.7	92	0.00
45 T	1,4-Dioxane	400.000	401.305	-0.3	90	0.00
46	Methyl methacrylate	20.000	19.093	4.5	87	0.00
47	n-amyl Acetate	20.000	19.714	1.4	107	0.00
48 M	t-1,3-Dichloropropene	20.000	18.120	9.4	88	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
49 T	cis-1,3-Dichloropropene	20.000	18.332	8.3	87	0.00
50 M	1,1,2-Trichloroethane	20.000	19.206	4.0	87	0.00
51	Ethyl methacrylate	20.000	18.819	5.9	88	0.00
52	1,3-Dichloropropane	20.000	19.597	2.0	87	0.00
53 M	Dibromochloromethane	20.000	19.070	4.6	88	0.00
54 M	1,2-Dibromoethane	20.000	18.672	6.6	87	0.00
55 M	2-Chloroethyl vinyl ether	100.000	100.259	-0.3	89	0.00
56 M	Bromoform	20.000	18.693	6.5	87	0.00
57 I	Chlorobenzene-d5	30.000	30.000	0.0	95	0.00
58 M	4-Methyl-2-Pentanone	100.000	100.804	-0.8	90	0.00
59 M	2-Hexanone	100.000	99.425	0.6	88	0.00
60 S	4-Bromofluorobenzene	30.000	30.595	-2.0	97	0.00
61 M	Tetrachloroethene	20.000	19.067	4.7	86	0.00
62 M	Toluene	20.000	19.729	1.4	87	0.00
63 S	Toluene-d8	30.000	30.700	-2.3	96	0.00
64 M	Chlorobenzene	20.000	19.318	3.4	88	0.00
65	1,1,1,2-Tetrachloroethane	20.000	19.423	2.9	88	0.00
66 M	Ethyl Benzene	20.000	19.373	3.1	87	0.00
67 M	m/p-Xylenes	40.000	39.482	1.3	88	0.00
68 M	o-Xylene	20.000	19.806	1.0	88	0.00
69 M	Styrene	20.000	19.421	2.9	85	0.00
70	Isopropylbenzene	20.000	19.748	1.3	89	0.00
71 M	1,1,2,2-Tetrachloroethane	20.000	19.680	1.6	86	0.00
72	1,2,3-Trichloropropane	20.000	19.460	2.7	86	0.00
73	Bromobenzene	20.000	19.607	2.0	89	0.00
74	n-propylbenzene	20.000	19.732	1.3	88	0.00
75	2-Chlorotoluene	20.000	19.932	0.3	88	0.00
76	1,3,5-Trimethylbenzene	20.000	19.964	0.2	88	0.00
77	t-1,4-Dichloro-2-butene	20.000	17.783	11.1	86	0.00
78	4-Chlorotoluene	20.000	20.116	-0.6	88	0.00
79	tert-butylbenzene	20.000	19.613	1.9	87	0.00
80	1,2,4-Trimethylbenzene	20.000	19.988	0.1	88	0.00
81	sec-Butylbenzene	20.000	19.743	1.3	88	0.00
82	p-Isopropyltoluene	20.000	20.030	-0.2	88	0.00
83 M	1,3-Dichlorobenzene	20.000	19.873	0.6	89	0.00
84 M	1,4-Dichlorobenzene	20.000	19.871	0.6	88	0.00
85	n-Butylbenzene	20.000	19.406	3.0	85	0.00
86 T	Hexachloroethane	20.000	18.771	6.1	86	0.00
87 M	1,2-Dichlorobenzene	20.000	19.767	1.2	87	0.00
88	1,2-Dibromo-3-Chloropropane	20.000	18.932	5.3	86	0.00
89	1,2,4-Trichlorobenzene	20.000	19.513	2.4	88	0.00
90	Hexachlorobutadiene	20.000	18.678	6.6	84	0.00
91 M	Naphthalene	20.000	19.330	3.4	88	0.00
92	1,2,3-Trichlorobenzene	20.000	19.836	0.8	89	0.00

(#) = Out of Range

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