

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX062025\
 Data File : VX046777.D
 Acq On : 20 Jun 2025 09:16
 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 20 23:11:58 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	114	-0.01
2 M	Dichlorodifluoromethane	20.000	19.618	1.9	107	0.00
3 M	Chloromethane	20.000	20.471	-2.4	110	0.00
4 M	Vinyl Chloride	20.000	22.391	-12.0	121	0.00
5 M	Bromomethane	20.000	22.885	-14.4	117	0.00
6 M	Chloroethane	20.000	24.248	-21.2	139	0.00
7 M	Trichlorofluoromethane	20.000	22.928	-14.6	122	0.00
8 T	Diethyl Ether	20.000	20.873	-4.4	112	0.00
9	1,1,2-Trichlorotrifluoroeth	20.000	19.783	1.1	107	0.00
10 M	1,1-Dichloroethene	20.000	21.295	-6.5	118	0.00
11	Methyl Iodide	20.000	16.652	16.7	92	0.00
12	Methyl Acetate	20.000	13.021	34.9#	54	0.00
13 M	Acrolein	100.000	98.040	2.0	119	0.00
14 M	Acrylonitrile	100.000	79.072	20.9	86	0.00
15 M	Acetone	100.000	77.599	22.4	85	0.00
16 M	Carbon Disulfide	20.000	21.768	-8.8	118	0.00
17	Allyl chloride	20.000	20.158	-0.8	110	0.00
18 M	Methylene Chloride	20.000	20.058	-0.3	109	0.00
19 M	trans-1,2-Dichloroethene	20.000	20.852	-4.3	115	0.00
20 T	Diisopropyl ether	20.000	21.084	-5.4	113	-0.01
21 M	1,1-Dichloroethane	20.000	20.899	-4.5	113	0.00
22 M	cis-1,2-Dichloroethene	20.000	18.722	6.4	101	-0.01
23 M	tert-Butyl Alcohol	100.000	56.138	43.9#	65	-0.01
24 M	Methyl tert-Butyl Ether	20.000	18.092	9.5	98	-0.01
25 M	Chloroform	20.000	19.962	0.2	107	0.00
26	Cyclohexane	20.000	21.090	-5.4	114	0.00
27 s	1,2-Dichloroethane-d4	30.000	29.684	1.1	112	-0.01
28 I	1,4-Difluorobenzene	30.000	30.000	0.0	134	0.00
29	1,1-Dichloropropene	20.000	17.934	10.3	110	-0.01
30 M	2-Butanone	100.000	59.249	40.8#	74	0.00
31	2,2-Dichloropropane	20.000	20.779	-3.9	133	-0.01
32 M	1,1,1-Trichloroethane	20.000	16.881	15.6	105	-0.01
33 M	Carbon Tetrachloride	20.000	13.758	31.2#	86	-0.01
34 M	Benzene	20.000	18.119	9.4	112	0.00
35	Methacrylonitrile	20.000	14.011	29.9#	91	-0.01
36 M	1,2-Dichloroethane	20.000	16.173	19.1	98	-0.01
37 M	Trichloroethene	20.000	18.408	8.0	117	-0.01
38	Methylcyclohexane	20.000	18.742	6.3	120	0.00
39 M	1,2-Dichloropropane	20.000	17.963	10.2	113	0.00
40	Dibromomethane	20.000	16.257	18.7	102	-0.01
41 M	Bromodichloromethane	20.000	17.458	12.7	107	0.00
42 M	Vinyl Acetate	100.000	80.249	19.8	113	0.00
43	Ethyl Acetate	20.000	13.207	34.0#	84	-0.01
44	Isopropyl Acetate	20.000	13.750	31.3#	90	-0.01
45 T	1,4-Dioxane	400.000	251.260	37.2#	77	0.00
46	Methyl methacrylate	20.000	13.229	33.9#	83	-0.01
47	n-amyl Acetate	20.000	14.126	29.4#	105	0.00
48 M	t-1,3-Dichloropropene	20.000	17.202	14.0	115	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
49 T	cis-1,3-Dichloropropene	20.000	17.715	11.4	115	0.00
50 M	1,1,2-Trichloroethane	20.000	16.972	15.1	106	0.00
51	Ethyl methacrylate	20.000	14.640	26.8#	94	0.00
52	1,3-Dichloropropane	20.000	17.171	14.1	105	0.00
53 M	Dibromochloromethane	20.000	5.261	73.7#	33	-0.02
54 M	1,2-Dibromoethane	20.000	16.401	18.0	104	0.00
55 M	2-Chloroethyl vinyl ether	100.000	92.082	7.9	112	0.00
56 M	Bromoform	20.000	1.495	92.5#	10	0.01
57 I	Chlorobenzene-d5	30.000	30.000	0.0	134	0.00
58 M	4-Methyl-2-Pentanone	100.000	61.339	38.7#	77	0.00
59 M	2-Hexanone	100.000	57.183	42.8#	71	0.00
60 S	4-Bromofluorobenzene	30.000	29.819	0.6	133	0.00
61 M	Tetrachloroethene	20.000	19.174	4.1	121	0.00
62 M	Toluene	20.000	18.311	8.4	114	0.00
63 S	Toluene-d8	30.000	29.154	2.8	128	0.00
64 M	Chlorobenzene	20.000	18.304	8.5	117	0.00
65	1,1,1,2-Tetrachloroethane	20.000	18.171	9.1	115	0.00
66 M	Ethyl Benzene	20.000	17.905	10.5	113	0.00
67 M	m/p-Xylenes	40.000	37.051	7.4	116	0.00
68 M	o-Xylene	20.000	18.371	8.1	115	0.00
69 M	Styrene	20.000	18.389	8.1	114	0.00
70	Isopropylbenzene	20.000	18.038	9.8	114	0.00
71 M	1,1,2,2-Tetrachloroethane	20.000	14.967	25.2#	92	0.00
72	1,2,3-Trichloropropane	20.000	14.210	28.9#	89	0.00
73	Bromobenzene	20.000	18.627	6.9	119	0.00
74	n-propylbenzene	20.000	18.520	7.4	116	0.00
75	2-Chlorotoluene	20.000	18.044	9.8	112	0.00
76	1,3,5-Trimethylbenzene	20.000	18.132	9.3	113	0.00
77	t-1,4-Dichloro-2-butene	20.000	14.786	26.1#	100	0.00
78	4-Chlorotoluene	20.000	18.139	9.3	111	0.00
79	tert-butylbenzene	20.000	18.694	6.5	117	0.00
80	1,2,4-Trimethylbenzene	20.000	18.120	9.4	113	0.00
81	sec-Butylbenzene	20.000	18.607	7.0	116	0.00
82	p-Isopropyltoluene	20.000	18.822	5.9	117	0.00
83 M	1,3-Dichlorobenzene	20.000	18.947	5.3	119	0.00
84 M	1,4-Dichlorobenzene	20.000	19.081	4.6	119	0.00
85	n-Butylbenzene	20.000	18.462	7.7	114	0.00
86 T	Hexachloroethane	20.000	13.574	32.1#	87	0.00
87 M	1,2-Dichlorobenzene	20.000	18.863	5.7	117	0.00
88	1,2-Dibromo-3-Chloropropane	20.000	12.228	38.9#	78	0.00
89	1,2,4-Trichlorobenzene	20.000	19.192	4.0	122	0.00
90	Hexachlorobutadiene	20.000	18.476	7.6	117	0.00
91 M	Naphthalene	20.000	15.033	24.8	97	0.00
92	1,2,3-Trichlorobenzene	20.000	18.156	9.2	114	0.00

(#) = Out of Range

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