

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\WX030425\
 Data File : VX045125.D
 Acq On : 04 Mar 2025 15:31
 Operator : JC/MD
 Sample : VSTDCCC020
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_X
 LabSampleId :
 VSTDCCC020

Quant Time: Mar 05 00:48:00 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\624X022125W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Sat Feb 22 01:06:36 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	92	0.00
2 M	Dichlorodifluoromethane	20.000	19.419	2.9	91	0.00
3 M	Chloromethane	20.000	19.211	3.9	90	0.00
4 M	Vinyl Chloride	20.000	18.492	7.5	88	0.00
5 M	Bromomethane	20.000	21.964	-9.8	106	0.00
6 M	Chloroethane	20.000	17.952	10.2	79	0.00
7 M	Trichlorofluoromethane	20.000	19.729	1.4	96	0.00
8 T	Diethyl Ether	20.000	18.130	9.4	87	0.00
9	1,1,2-Trichlorotrifluoroeth	20.000	19.504	2.5	96	0.00
10 M	1,1-Dichloroethene	20.000	19.420	2.9	95	0.00
11	Methyl Iodide	20.000	20.245	-1.2	111	0.00
12	Methyl Acetate	20.000	24.775	-23.9	122	0.00
13 M	Acrolein	100.000	106.158	-6.2	110	0.00
14 M	Acrylonitrile	100.000	104.303	-4.3	100	0.00
15 M	Acetone	100.000	97.817	2.2	91	0.00
16 M	Carbon Disulfide	20.000	17.739	11.3	88	0.00
17	Allyl chloride	20.000	18.573	7.1	93	0.00
18 M	Methylene Chloride	20.000	19.577	2.1	93	0.00
19 M	trans-1,2-Dichloroethene	20.000	18.770	6.2	91	0.00
20 T	Diisopropyl ether	20.000	19.075	4.6	93	0.00
21 M	1,1-Dichloroethane	20.000	19.322	3.4	94	0.00
22 M	cis-1,2-Dichloroethene	20.000	19.289	3.6	93	0.00
23 M	tert-Butyl Alcohol	100.000	100.728	-0.7	99	-0.02
24 M	Methyl tert-Butyl Ether	20.000	19.452	2.7	95	0.00
25 M	Chloroform	20.000	19.918	0.4	95	-0.01
26	Cyclohexane	20.000	18.715	6.4	90	0.00
27 s	1,2-Dichloroethane-d4	30.000	30.082	-0.3	94	0.00
28 I	1,4-Difluorobenzene	30.000	30.000	0.0	90	0.00
29	1,1-Dichloropropene	20.000	19.687	1.6	91	-0.01
30 M	2-Butanone	100.000	110.117	-10.1	102	0.00
31	2,2-Dichloropropane	20.000	17.209	14.0	82	0.00
32 M	1,1,1-Trichloroethane	20.000	20.505	-2.5	96	0.00
33 M	Carbon Tetrachloride	20.000	20.925	-4.6	97	0.00
34 M	Benzene	20.000	20.413	-2.1	94	0.00
35	Methacrylonitrile	20.000	21.529	-7.6	99	0.00
36 M	1,2-Dichloroethane	20.000	20.725	-3.6	95	0.00
37 M	Trichloroethene	20.000	20.277	-1.4	92	0.00
38	Methylcyclohexane	20.000	19.141	4.3	91	0.00
39 M	1,2-Dichloropropane	20.000	19.649	1.8	90	0.00
40	Dibromomethane	20.000	20.246	-1.2	93	0.00
41 M	Bromodichloromethane	20.000	20.634	-3.2	96	0.00
42 M	Vinyl Acetate	100.000	97.440	2.6	91	0.00
43	Ethyl Acetate	20.000	20.693	-3.5	96	0.00
44	Isopropyl Acetate	20.000	20.770	-3.8	100	0.00
45 T	1,4-Dioxane	400.000	412.697	-3.2	91	0.00
46	Methyl methacrylate	20.000	20.394	-2.0	97	0.00
47	n-amyl Acetate	20.000	20.111	-0.6	96	0.00
48 M	t-1,3-Dichloropropene	20.000	18.505	7.5	93	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
49 T	cis-1,3-Dichloropropene	20.000	19.294	3.5	91	0.00
50 M	1,1,2-Trichloroethane	20.000	20.699	-3.5	93	0.00
51	Ethyl methacrylate	20.000	19.418	2.9	94	0.00
52	1,3-Dichloropropane	20.000	20.628	-3.1	93	0.00
53 M	Dibromochloromethane	20.000	20.760	-3.8	95	0.00
54 M	1,2-Dibromoethane	20.000	20.830	-4.1	96	0.00
55 M	2-Chloroethyl vinyl ether	100.000	97.196	2.8	91	0.00
56 M	Bromoform	20.000	21.446	-7.2	104	0.00
57 I	Chlorobenzene-d5	30.000	30.000	0.0	90	0.00
58 M	4-Methyl-2-Pentanone	100.000	111.023	-11.0	101	0.00
59 M	2-Hexanone	100.000	111.272	-11.3	102	0.00
60 S	4-Bromofluorobenzene	30.000	29.728	0.9	90	0.00
61 M	Tetrachloroethene	20.000	20.949	-4.7	95	0.00
62 M	Toluene	20.000	20.254	-1.3	93	0.00
63 S	Toluene-d8	30.000	30.179	-0.6	90	0.00
64 M	Chlorobenzene	20.000	20.412	-2.1	94	0.00
65	1,1,1,2-Tetrachloroethane	20.000	20.276	-1.4	95	0.00
66 M	Ethyl Benzene	20.000	20.344	-1.7	95	0.00
67 M	m/p-Xylenes	40.000	41.249	-3.1	93	0.00
68 M	o-Xylene	20.000	19.993	0.0	90	0.00
69 M	Styrene	20.000	20.383	-1.9	93	0.00
70	Isopropylbenzene	20.000	20.623	-3.1	94	0.00
71 M	1,1,2,2-Tetrachloroethane	20.000	21.960	-9.8	101	0.00
72	1,2,3-Trichloropropane	20.000	21.186	-5.9	99	0.00
73	Bromobenzene	20.000	20.879	-4.4	96	0.00
74	n-propylbenzene	20.000	20.392	-2.0	94	0.00
75	2-Chlorotoluene	20.000	20.509	-2.5	93	0.00
76	1,3,5-Trimethylbenzene	20.000	20.767	-3.8	94	0.00
77	t-1,4-Dichloro-2-butene	20.000	18.283	8.6	97	0.00
78	4-Chlorotoluene	20.000	20.555	-2.8	95	0.00
79	tert-butylbenzene	20.000	21.155	-5.8	96	0.00
80	1,2,4-Trimethylbenzene	20.000	20.180	-0.9	91	0.00
81	sec-Butylbenzene	20.000	20.997	-5.0	96	0.00
82	p-Isopropyltoluene	20.000	20.920	-4.6	96	0.00
83 M	1,3-Dichlorobenzene	20.000	20.516	-2.6	93	0.00
84 M	1,4-Dichlorobenzene	20.000	20.555	-2.8	94	0.00
85	n-Butylbenzene	20.000	19.983	0.1	95	0.00
86 T	Hexachloroethane	20.000	20.305	-1.5	100	0.00
87 M	1,2-Dichlorobenzene	20.000	21.700	-8.5	98	0.00
88	1,2-Dibromo-3-Chloropropane	20.000	21.196	-6.0	104	0.00
89	1,2,4-Trichlorobenzene	20.000	20.257	-1.3	98	0.00
90	Hexachlorobutadiene	20.000	21.321	-6.6	98	0.00
91 M	Naphthalene	20.000	20.379	-1.9	96	0.00
92	1,2,3-Trichlorobenzene	20.000	20.125	-0.6	94	0.00

(#) = Out of Range

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