

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\WX100623\
 Data File : VX038150.D
 Acq On : 07 Oct 2023 01:01
 Operator : JC/MD
 Sample : VSTDICV020
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 42 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 ICVVX100623

Quant Time: Oct 07 06:34:24 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\624X100623W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Sat Oct 07 06:30:32 2023
 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	108	0.00
2 M	Dichlorodifluoromethane	20.000	21.667	-8.3	113	0.00
3 M	Chloromethane	20.000	21.508	-7.5	112	0.00
4 M	Vinyl Chloride	20.000	21.389	-6.9	110	0.00
5 M	Bromomethane	20.000	18.245	8.8	110	0.00
6 M	Chloroethane	20.000	19.587	2.1	109	0.00
7 M	Trichlorofluoromethane	20.000	21.099	-5.5	112	0.00
8 T	Diethyl Ether	20.000	21.031	-5.2	109	0.00
9	1,1,2-Trichlorotrifluoroeth	20.000	20.450	-2.2	108	0.00
10 M	1,1-Dichloroethene	20.000	21.292	-6.5	110	0.00
11	Methyl Iodide	20.000	21.470	-7.3	113	0.00
12	Methyl Acetate	20.000	20.033	-0.2	113	0.00
13 M	Acrolein	100.000	106.192	-6.2	109	0.00
14 M	Acrylonitrile	100.000	106.744	-6.7	113	0.00
15 M	Acetone	100.000	105.903	-5.9	113	0.00
16 M	Carbon Disulfide	20.000	21.036	-5.2	115	0.00
17	Allyl chloride	20.000	20.888	-4.4	115	0.00
18 M	Methylene Chloride	20.000	20.673	-3.4	109	0.00
19 M	trans-1,2-Dichloroethene	20.000	20.818	-4.1	113	0.00
20 T	Diisopropyl ether	20.000	21.495	-7.5	114	0.00
21 M	1,1-Dichloroethane	20.000	20.671	-3.4	109	0.00
22 M	cis-1,2-Dichloroethene	20.000	20.865	-4.3	113	0.00
23 M	tert-Butyl Alcohol	100.000	106.078	-6.1	116	0.00
24 M	Methyl tert-Butyl Ether	20.000	20.729	-3.6	111	0.00
25 M	Chloroform	20.000	20.490	-2.4	110	0.00
26	Cyclohexane	20.000	20.558	-2.8	111	0.00
27 s	1,2-Dichloroethane-d4	30.000	31.336	-4.5	110	0.00
28 I	1,4-Difluorobenzene	30.000	30.000	0.0	111	0.00
29	1,1-Dichloropropene	20.000	20.344	-1.7	112	0.00
30 M	2-Butanone	100.000	102.207	-2.2	111	0.00
31	2,2-Dichloropropane	20.000	18.352	8.2	104	0.00
32 M	1,1,1-Trichloroethane	20.000	19.695	1.5	112	0.00
33 M	Carbon Tetrachloride	20.000	19.560	2.2	112	0.00
34 M	Benzene	20.000	20.168	-0.8	110	0.00
35	Methacrylonitrile	20.000	19.833	0.8	107	0.00
36 M	1,2-Dichloroethane	20.000	20.565	-2.8	111	0.00
37 M	Trichloroethene	20.000	20.054	-0.3	111	0.00
38	Methylcyclohexane	20.000	19.362	3.2	110	0.00
39 M	1,2-Dichloropropane	20.000	19.902	0.5	109	0.00
40	Dibromomethane	20.000	20.308	-1.5	112	0.00
41 M	Bromodichloromethane	20.000	19.616	1.9	111	0.00
42 M	Vinyl Acetate	100.000	104.721	-4.7	112	0.00
43	Ethyl Acetate	20.000	20.749	-3.7	112	0.00
44	Isopropyl Acetate	20.000	20.203	-1.0	111	0.00
45 T	1,4-Dioxane	400.000	396.488	0.9	107	0.00
46	Methyl methacrylate	20.000	19.689	1.6	110	0.00
47	n-amyl Acetate	20.000	20.245	-1.2	114	0.00
48 M	t-1,3-Dichloropropene	20.000	19.185	4.1	115	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
49 T	cis-1,3-Dichloropropene	20.000	19.453	2.7	115	0.00
50 M	1,1,2-Trichloroethane	20.000	19.504	2.5	110	0.00
51	Ethyl methacrylate	20.000	19.428	2.9	111	0.00
52	1,3-Dichloropropane	20.000	19.868	0.7	109	0.00
53 M	Dibromochloromethane	20.000	19.043	4.8	113	0.00
54 M	1,2-Dibromoethane	20.000	19.804	1.0	115	0.00
55 M	2-Chloroethyl vinyl ether	100.000	98.595	1.4	107	0.00
56 M	Bromoform	20.000	18.214	8.9	117	0.00
57 I	Chlorobenzene-d5	30.000	30.000	0.0	107	0.00
58 M	4-Methyl-2-Pentanone	100.000	107.300	-7.3	111	0.00
59 M	2-Hexanone	100.000	105.933	-5.9	109	0.00
60 S	4-Bromofluorobenzene	30.000	29.708	1.0	109	0.00
61 M	Tetrachloroethene	20.000	21.101	-5.5	115	0.00
62 M	Toluene	20.000	20.808	-4.0	111	0.00
63 S	Toluene-d8	30.000	30.579	-1.9	107	0.00
64 M	Chlorobenzene	20.000	20.934	-4.7	113	0.00
65	1,1,1,2-Tetrachloroethane	20.000	20.507	-2.5	114	0.00
66 M	Ethyl Benzene	20.000	20.482	-2.4	110	0.00
67 M	m/p-Xylenes	40.000	41.473	-3.7	113	0.00
68 M	o-Xylene	20.000	20.777	-3.9	115	0.00
69 M	Styrene	20.000	20.907	-4.5	115	0.00
70	Isopropylbenzene	20.000	20.532	-2.7	111	0.00
71 M	1,1,2,2-Tetrachloroethane	20.000	20.948	-4.7	111	0.00
72	1,2,3-Trichloropropane	20.000	20.709	-3.5	115	0.00
73	Bromobenzene	20.000	20.288	-1.4	114	0.00
74	n-propylbenzene	20.000	20.721	-3.6	113	0.00
75	2-Chlorotoluene	20.000	20.632	-3.2	111	0.00
76	1,3,5-Trimethylbenzene	20.000	20.565	-2.8	113	0.00
77	t-1,4-Dichloro-2-butene	20.000	17.780	11.1	107	0.00
78	4-Chlorotoluene	20.000	20.724	-3.6	113	0.00
79	tert-butylbenzene	20.000	20.622	-3.1	115	0.00
80	1,2,4-Trimethylbenzene	20.000	21.082	-5.4	113	0.00
81	sec-Butylbenzene	20.000	20.759	-3.8	113	0.00
82	p-Isopropyltoluene	20.000	20.428	-2.1	112	0.00
83 M	1,3-Dichlorobenzene	20.000	20.686	-3.4	112	0.00
84 M	1,4-Dichlorobenzene	20.000	20.774	-3.9	113	0.00
85	n-Butylbenzene	20.000	20.134	-0.7	111	0.00
86 T	Hexachloroethane	20.000	19.441	2.8	117	0.00
87 M	1,2-Dichlorobenzene	20.000	20.541	-2.7	113	0.00
88	1,2-Dibromo-3-Chloropropane	20.000	21.753	-8.8	120	0.00
89	1,2,4-Trichlorobenzene	20.000	20.757	-3.8	113	0.00
90	Hexachlorobutadiene	20.000	19.188	4.1	108	0.00
91 M	Naphthalene	20.000	20.961	-4.8	115	0.00
92	1,2,3-Trichlorobenzene	20.000	20.388	-1.9	114	0.00

(#) = Out of Range

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