

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\WX100623\
 Data File : VX038157.D
 Acq On : 07 Oct 2023 04:29
 Operator : JC/MD
 Sample : VSTDCCC020
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 51 Sample Multiplier: 1

Instrument :
 MSVOA_X
 LabSampleId :
 VSTDCCC020

Quant Time: Oct 07 06:37:54 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	101	0.00
2 M	Dichlorodifluoromethane	20.000	20.023	-0.1	97	0.00
3 M	Chloromethane	20.000	20.309	-1.5	98	0.00
4 M	Vinyl Chloride	20.000	20.696	-3.5	99	0.00
5 M	Bromomethane	20.000	17.239	13.8	97	0.00
6 M	Chloroethane	20.000	17.877	10.6	92	0.00
7 M	Trichlorofluoromethane	20.000	19.038	4.8	94	0.00
8 T	Diethyl Ether	20.000	19.828	0.9	96	0.00
9	1,1,2-Trichlorotrifluoroeth	20.000	20.705	-3.5	101	0.00
10 M	1,1-Dichloroethene	20.000	20.706	-3.5	100	0.00
11	Methyl Iodide	20.000	15.389	23.1	75	0.00
12	Methyl Acetate	20.000	18.577	7.1	97	0.00
13 M	Acrolein	100.000	70.824	29.2#	68	0.00
14 M	Acrylonitrile	100.000	96.024	4.0	95	0.00
15 M	Acetone	100.000	96.327	3.7	95	0.00
16 M	Carbon Disulfide	20.000	19.703	1.5	100	0.00
17	Allyl chloride	20.000	18.742	6.3	96	0.00
18 M	Methylene Chloride	20.000	19.619	1.9	97	0.00
19 M	trans-1,2-Dichloroethene	20.000	19.443	2.8	98	0.00
20 T	Diisopropyl ether	20.000	19.781	1.1	98	0.00
21 M	1,1-Dichloroethane	20.000	19.992	0.0	98	0.00
22 M	cis-1,2-Dichloroethene	20.000	19.368	3.2	97	0.00
23 M	tert-Butyl Alcohol	100.000	85.148	14.9	87	0.00
24 M	Methyl tert-Butyl Ether	20.000	19.529	2.4	97	0.00
25 M	Chloroform	20.000	18.960	5.2	95	0.00
26	Cyclohexane	20.000	19.553	2.2	98	0.00
27 s	1,2-Dichloroethane-d4	30.000	29.975	0.1	98	0.00
28 I	1,4-Difluorobenzene	30.000	30.000	0.0	96	0.00
29	1,1-Dichloropropene	20.000	20.399	-2.0	97	0.00
30 M	2-Butanone	100.000	97.830	2.2	92	0.00
31	2,2-Dichloropropane	20.000	15.934	20.3	78	0.00
32 M	1,1,1-Trichloroethane	20.000	19.660	1.7	97	0.00
33 M	Carbon Tetrachloride	20.000	19.516	2.4	97	0.00
34 M	Benzene	20.000	20.149	-0.7	95	0.00
35	Methacrylonitrile	20.000	20.869	-4.3	97	0.00
36 M	1,2-Dichloroethane	20.000	20.688	-3.4	97	0.00
37 M	Trichloroethene	20.000	20.176	-0.9	97	0.00
38	Methylcyclohexane	20.000	19.719	1.4	97	0.00
39 M	1,2-Dichloropropane	20.000	20.459	-2.3	97	0.00
40	Dibromomethane	20.000	20.180	-0.9	96	0.00
41 M	Bromodichloromethane	20.000	19.498	2.5	96	0.00
42 M	Vinyl Acetate	100.000	103.185	-3.2	96	0.00
43	Ethyl Acetate	20.000	20.041	-0.2	94	0.00
44	Isopropyl Acetate	20.000	20.174	-0.9	96	0.00
45 T	1,4-Dioxane	400.000	338.409	15.4	79	0.00
46	Methyl methacrylate	20.000	19.549	2.3	95	0.00
47	n-amyl Acetate	20.000	20.159	-0.8	98	0.00
48 M	t-1,3-Dichloropropene	20.000	17.932	10.3	93	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
49 T	cis-1,3-Dichloropropene	20.000	18.689	6.6	96	0.00
50 M	1,1,2-Trichloroethane	20.000	19.787	1.1	97	0.00
51	Ethyl methacrylate	20.000	19.453	2.7	96	0.00
52	1,3-Dichloropropane	20.000	20.189	-0.9	96	0.00
53 M	Dibromochloromethane	20.000	19.234	3.8	99	0.00
54 M	1,2-Dibromoethane	20.000	19.661	1.7	99	0.00
55 M	2-Chloroethyl vinyl ether	100.000	103.423	-3.4	97	0.00
56 M	Bromoform	20.000	18.081	9.6	101	0.00
57 I	Chlorobenzene-d5	30.000	30.000	0.0	96	0.00
58 M	4-Methyl-2-Pentanone	100.000	103.368	-3.4	97	0.00
59 M	2-Hexanone	100.000	101.314	-1.3	94	0.00
60 S	4-Bromofluorobenzene	30.000	29.081	3.1	96	0.00
61 M	Tetrachloroethene	20.000	20.976	-4.9	103	0.00
62 M	Toluene	20.000	20.457	-2.3	98	0.00
63 S	Toluene-d8	30.000	31.240	-4.1	99	0.00
64 M	Chlorobenzene	20.000	20.180	-0.9	98	0.00
65	1,1,1,2-Tetrachloroethane	20.000	19.916	0.4	100	0.00
66 M	Ethyl Benzene	20.000	19.887	0.6	96	0.00
67 M	m/p-Xylenes	40.000	39.010	2.5	95	0.00
68 M	o-Xylene	20.000	19.768	1.2	98	0.00
69 M	Styrene	20.000	19.679	1.6	97	0.00
70	Isopropylbenzene	20.000	19.988	0.1	97	0.00
71 M	1,1,2,2-Tetrachloroethane	20.000	20.150	-0.7	96	0.00
72	1,2,3-Trichloropropane	20.000	19.678	1.6	98	0.00
73	Bromobenzene	20.000	19.385	3.1	98	0.00
74	n-propylbenzene	20.000	19.987	0.1	98	0.00
75	2-Chlorotoluene	20.000	19.853	0.7	96	0.00
76	1,3,5-Trimethylbenzene	20.000	19.331	3.3	96	0.00
77	t-1,4-Dichloro-2-butene	20.000	16.057	19.7	87	0.00
78	4-Chlorotoluene	20.000	19.560	2.2	96	0.00
79	tert-butylbenzene	20.000	19.500	2.5	98	0.00
80	1,2,4-Trimethylbenzene	20.000	20.047	-0.2	97	0.00
81	sec-Butylbenzene	20.000	19.845	0.8	97	0.00
82	p-Isopropyltoluene	20.000	19.369	3.2	96	0.00
83 M	1,3-Dichlorobenzene	20.000	19.457	2.7	95	0.00
84 M	1,4-Dichlorobenzene	20.000	19.719	1.4	97	0.00
85	n-Butylbenzene	20.000	19.326	3.4	96	0.00
86 T	Hexachloroethane	20.000	19.008	5.0	103	0.00
87 M	1,2-Dichlorobenzene	20.000	19.721	1.4	98	0.00
88	1,2-Dibromo-3-Chloropropane	20.000	19.992	0.0	99	0.00
89	1,2,4-Trichlorobenzene	20.000	20.102	-0.5	99	0.00
90	Hexachlorobutadiene	20.000	20.181	-0.9	103	0.00
91 M	Naphthalene	20.000	20.721	-3.6	102	0.00
92	1,2,3-Trichlorobenzene	20.000	20.598	-3.0	103	0.00

(#) = Out of Range

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