

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX071422\
 Data File : VX030053.D
 Acq On : 14 Jul 2022 11:36
 Operator : JC/MD
 Sample : VSTDCCC020
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_X
 LabSampleId :
 VSTDCCC020

Quant Time: Jul 14 16:49:51 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\624X070822W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Sat Jul 09 02:10:54 2022
 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	20.506	-2.5	90	0.00
3 M	Chloromethane	20.000	19.741	1.3	89	0.00
4 M	Vinyl Chloride	20.000	18.540	7.3	86	0.00
5 M	Bromomethane	20.000	21.092	-5.5	84	0.00
6 M	Chloroethane	20.000	19.878	0.6	87	0.00
7 M	Trichlorofluoromethane	20.000	19.828	0.9	91	0.00
8 T	Diethyl Ether	20.000	18.339	8.3	86	0.00
9	1,1,2-Trichlorotrifluoroeth	20.000	19.883	0.6	91	0.00
10 M	1,1-Dichloroethene	20.000	19.421	2.9	89	0.00
11	Methyl Iodide	20.000	24.504	-22.5	139	0.00
12	Methyl Acetate	20.000	19.967	0.2	93	0.00
13 M	Acrolein	100.000	45.746	54.3#	45	0.00
14 M	Acrylonitrile	100.000	97.841	2.2	89	0.00
15 M	Acetone	100.000	99.914	0.1	91	0.00
16 M	Carbon Disulfide	20.000	19.050	4.7	91	0.00
17	Allyl chloride	20.000	18.861	5.7	89	0.00
18 M	Methylene Chloride	20.000	19.590	2.1	89	0.00
19 M	trans-1,2-Dichloroethene	20.000	18.980	5.1	89	0.00
20 T	Diisopropyl ether	20.000	19.114	4.4	90	0.00
21 M	1,1-Dichloroethane	20.000	19.387	3.1	90	0.00
22 M	cis-1,2-Dichloroethene	20.000	19.135	4.3	90	0.00
23 M	tert-Butyl Alcohol	100.000	90.653	9.3	88	0.00
24 M	Methyl tert-Butyl Ether	20.000	19.081	4.6	90	0.00
25 M	Chloroform	20.000	19.754	1.2	94	0.00
26	Cyclohexane	20.000	18.979	5.1	90	0.00
27 s	1,2-Dichloroethane-d4	30.000	29.259	2.5	91	0.00
28 I	1,4-Difluorobenzene	30.000	30.000	0.0	87	0.00
29	1,1-Dichloropropene	20.000	20.064	-0.3	92	0.00
30 M	2-Butanone	100.000	101.277	-1.3	90	0.00
31	2,2-Dichloropropane	20.000	19.249	3.8	88	0.00
32 M	1,1,1-Trichloroethane	20.000	20.295	-1.5	92	0.00
33 M	Carbon Tetrachloride	20.000	20.243	-1.2	92	0.00
34 M	Benzene	20.000	19.951	0.2	88	0.00
35	Methacrylonitrile	20.000	20.326	-1.6	92	0.00
36 M	1,2-Dichloroethane	20.000	20.489	-2.4	92	0.00
37 M	Trichloroethene	20.000	20.164	-0.8	90	0.00
38	Methylcyclohexane	20.000	20.241	-1.2	92	0.00
39 M	1,2-Dichloropropane	20.000	20.278	-1.4	89	0.00
40	Dibromomethane	20.000	19.907	0.5	89	0.00
41 M	Bromodichloromethane	20.000	20.540	-2.7	92	0.00
42 M	Vinyl Acetate	100.000	98.953	1.0	88	0.00
43	Ethyl Acetate	20.000	19.466	2.7	84	0.00
44	Isopropyl Acetate	20.000	19.923	0.4	90	0.00
45 T	1,4-Dioxane	400.000	416.151	-4.0	92	0.00
46	Methyl methacrylate	20.000	20.366	-1.8	93	0.00
47	n-amyl Acetate	20.000	18.266	8.7	87	0.00
48 M	t-1,3-Dichloropropene	20.000	18.731	6.3	88	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
49 T	cis-1,3-Dichloropropene	20.000	19.567	2.2	89	0.00
50 M	1,1,2-Trichloroethane	20.000	20.820	-4.1	92	0.00
51	Ethyl methacrylate	20.000	19.564	2.2	90	0.00
52	1,3-Dichloropropane	20.000	20.039	-0.2	89	0.00
53 M	Dibromochloromethane	20.000	19.916	0.4	92	0.00
54 M	1,2-Dibromoethane	20.000	19.889	0.6	89	0.00
55 M	2-Chloroethyl vinyl ether	100.000	106.860	-6.9	96	0.00
56 M	Bromoform	20.000	20.291	-1.5	96	0.00
57 I	Chlorobenzene-d5	30.000	30.000	0.0	88	0.00
58 M	4-Methyl-2-Pentanone	100.000	103.399	-3.4	92	0.00
59 M	2-Hexanone	100.000	102.916	-2.9	92	0.00
60 S	4-Bromofluorobenzene	30.000	30.901	-3.0	95	0.00
61 M	Tetrachloroethene	20.000	22.661	-13.3	96	0.00
62 M	Toluene	20.000	20.220	-1.1	89	0.00
63 S	Toluene-d8	30.000	30.625	-2.1	89	0.00
64 M	Chlorobenzene	20.000	20.185	-0.9	90	0.00
65	1,1,1,2-Tetrachloroethane	20.000	20.240	-1.2	90	0.00
66 M	Ethyl Benzene	20.000	20.237	-1.2	90	0.00
67 M	m/p-Xylenes	40.000	40.623	-1.6	89	0.00
68 M	o-Xylene	20.000	19.994	0.0	87	0.00
69 M	Styrene	20.000	20.309	-1.5	91	0.00
70	Isopropylbenzene	20.000	20.696	-3.5	93	0.00
71 M	1,1,2,2-Tetrachloroethane	20.000	19.733	1.3	88	0.00
72	1,2,3-Trichloropropane	20.000	20.187	-0.9	87	0.00
73	Bromobenzene	20.000	20.522	-2.6	93	0.00
74	n-propylbenzene	20.000	20.505	-2.5	93	0.00
75	2-Chlorotoluene	20.000	20.173	-0.9	90	0.00
76	1,3,5-Trimethylbenzene	20.000	20.502	-2.5	93	0.00
77	t-1,4-Dichloro-2-butene	20.000	18.602	7.0	89	0.00
78	4-Chlorotoluene	20.000	20.322	-1.6	92	0.00
79	tert-butylbenzene	20.000	20.053	-0.3	92	0.00
80	1,2,4-Trimethylbenzene	20.000	19.544	2.3	91	0.00
81	sec-Butylbenzene	20.000	20.069	-0.3	92	0.00
82	p-Isopropyltoluene	20.000	19.749	1.3	90	0.00
83 M	1,3-Dichlorobenzene	20.000	19.845	0.8	91	0.00
84 M	1,4-Dichlorobenzene	20.000	19.734	1.3	90	0.00
85	n-Butylbenzene	20.000	18.790	6.1	90	0.00
86 T	Hexachloroethane	20.000	19.300	3.5	94	0.00
87 M	1,2-Dichlorobenzene	20.000	20.323	-1.6	92	0.00
88	1,2-Dibromo-3-Chloropropane	20.000	18.833	5.8	88	0.00
89	1,2,4-Trichlorobenzene	20.000	19.822	0.9	91	0.00
90	Hexachlorobutadiene	20.000	21.606	-8.0	104	0.00
91 M	Naphthalene	20.000	19.611	1.9	89	0.00
92	1,2,3-Trichlorobenzene	20.000	20.629	-3.1	97	0.00

(#) = Out of Range

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