

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX080921\
 Data File : VX023602.D
 Acq On : 09 Aug 2021 09:33
 Operator : JC/MD
 Sample : VSTDCCC020
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 LabSampleId :
 VSTDCCC020

Quant Time: Aug 10 03:57:10 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\624X080321W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Tue Aug 03 12:05:42 2021
 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	115	0.00
2 M	Dichlorodifluoromethane	20.000	21.290	-6.4	127	0.00
3 M	Chloromethane	20.000	21.062	-5.3	124	0.00
4 M	Vinyl Chloride	20.000	20.767	-3.8	127	0.00
5 M	Bromomethane	20.000	23.786	-18.9	125	0.00
6 M	Chloroethane	20.000	20.074	-0.4	123	0.00
7 M	Trichlorofluoromethane	20.000	21.063	-5.3	128	0.00
8 T	Diethyl Ether	20.000	19.959	0.2	123	0.00
9	1,1,2-Trichlorotrifluoroeth	20.000	21.952	-9.8	133	0.00
10 M	1,1-Dichloroethene	20.000	20.910	-4.6	129	0.00
11	Methyl Iodide	20.000	19.961	0.2	129	0.00
12	Methyl Acetate	20.000	20.424	-2.1	123	0.00
13 M	Acrolein	100.000	92.279	7.7	121	0.00
14 M	Acrylonitrile	100.000	100.034	-0.0	120	0.00
15 M	Acetone	100.000	147.096	-47.1#	153	0.00
16 M	Carbon Disulfide	20.000	20.467	-2.3	131	0.00
17	Allyl chloride	20.000	20.684	-3.4	128	0.00
18 M	Methylene Chloride	20.000	20.751	-3.8	127	0.00
19 M	trans-1,2-Dichloroethene	20.000	20.686	-3.4	128	0.00
20 T	Diisopropyl ether	20.000	20.998	-5.0	127	0.00
21 M	1,1-Dichloroethane	20.000	21.004	-5.0	129	0.00
22 M	cis-1,2-Dichloroethene	20.000	20.893	-4.5	128	0.00
23 M	tert-Butyl Alcohol	100.000	98.901	1.1	117	0.00
24 M	Methyl tert-Butyl Ether	20.000	21.081	-5.4	129	0.00
25 M	Chloroform	20.000	21.202	-6.0	131	0.00
26	Cyclohexane	20.000	20.942	-4.7	128	-0.01
27 s	1,2-Dichloroethane-d4	30.000	31.088	-3.6	121	0.00
28 I	1,4-Difluorobenzene	30.000	30.000	0.0	120	0.00
29	1,1-Dichloropropene	20.000	21.050	-5.3	136	0.00
30 M	2-Butanone	100.000	114.277	-14.3	134	0.00
31	2,2-Dichloropropane	20.000	21.230	-6.2	132	0.00
32 M	1,1,1-Trichloroethane	20.000	20.650	-3.2	129	0.00
33 M	Carbon Tetrachloride	20.000	20.898	-4.5	132	0.00
34 M	Benzene	20.000	20.422	-2.1	126	0.00
35	Methacrylonitrile	20.000	19.484	2.6	125	0.00
36 M	1,2-Dichloroethane	20.000	20.646	-3.2	128	0.00
37 M	Trichloroethene	20.000	20.792	-4.0	132	0.00
38	Methylcyclohexane	20.000	20.617	-3.1	132	0.00
39 M	1,2-Dichloropropane	20.000	20.546	-2.7	128	0.00
40	Dibromomethane	20.000	20.529	-2.6	128	0.00
41 M	Bromodichloromethane	20.000	20.657	-3.3	134	0.00
42 M	Vinyl Acetate	100.000	103.222	-3.2	128	0.00
43	Ethyl Acetate	20.000	20.070	-0.4	122	0.00
44	Isopropyl Acetate	20.000	19.901	0.5	126	0.00
45 T	1,4-Dioxane	400.000	400.503	-0.1	118	0.00
46	Methyl methacrylate	20.000	19.721	1.4	124	0.00
47	n-amyl Acetate	20.000	20.524	-2.6	131	0.00
48 M	t-1,3-Dichloropropene	20.000	20.262	-1.3	133	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
49 T	cis-1,3-Dichloropropene	20.000	20.219	-1.1	129	0.00
50 M	1,1,2-Trichloroethane	20.000	20.163	-0.8	127	0.00
51	Ethyl methacrylate	20.000	19.596	2.0	129	0.00
52	1,3-Dichloropropane	20.000	20.491	-2.5	128	0.00
53 M	Dibromochloromethane	20.000	20.055	-0.3	134	0.00
54 M	1,2-Dibromoethane	20.000	19.836	0.8	125	0.00
55 M	2-Chloroethyl vinyl ether	100.000	88.270	11.7	112	0.00
56 M	Bromoform	20.000	20.201	-1.0	134	0.00
57 I	Chlorobenzene-d5	30.000	30.000	0.0	120	0.00
58 M	4-Methyl-2-Pentanone	100.000	101.454	-1.5	120	0.00
59 M	2-Hexanone	100.000	112.139	-12.1	130	0.00
60 S	4-Bromofluorobenzene	30.000	31.023	-3.4	127	0.00
61 M	Tetrachloroethene	20.000	21.579	-7.9	129	0.00
62 M	Toluene	20.000	21.028	-5.1	128	0.00
63 S	Toluene-d8	30.000	30.484	-1.6	119	0.00
64 M	Chlorobenzene	20.000	20.989	-4.9	129	0.00
65	1,1,1,2-Tetrachloroethane	20.000	20.147	-0.7	127	0.00
66 M	Ethyl Benzene	20.000	21.046	-5.2	132	0.00
67 M	m/p-Xylenes	40.000	42.008	-5.0	130	0.00
68 M	o-Xylene	20.000	21.002	-5.0	131	0.00
69 M	Styrene	20.000	21.062	-5.3	134	0.00
70	Isopropylbenzene	20.000	21.113	-5.6	133	0.00
71 M	1,1,2,2-Tetrachloroethane	20.000	21.930	-9.6	133	0.00
72	1,2,3-Trichloropropane	20.000	22.032	-10.2	130	0.00
73	Bromobenzene	20.000	21.751	-8.8	136	0.00
74	n-propylbenzene	20.000	21.432	-7.2	136	0.00
75	2-Chlorotoluene	20.000	21.792	-9.0	138	0.00
76	1,3,5-Trimethylbenzene	20.000	21.445	-7.2	135	0.00
77	t-1,4-Dichloro-2-butene	20.000	21.033	-5.2	135	0.00
78	4-Chlorotoluene	20.000	21.550	-7.8	138	0.00
79	tert-butylbenzene	20.000	21.299	-6.5	135	0.00
80	1,2,4-Trimethylbenzene	20.000	21.355	-6.8	132	0.00
81	sec-Butylbenzene	20.000	21.450	-7.2	136	0.00
82	p-Isopropyltoluene	20.000	21.671	-8.4	138	0.00
83 M	1,3-Dichlorobenzene	20.000	21.887	-9.4	139	0.00
84 M	1,4-Dichlorobenzene	20.000	21.870	-9.4	140	0.00
85	n-Butylbenzene	20.000	21.615	-8.1	141	0.00
86 T	Hexachloroethane	20.000	21.884	-9.4	148	0.00
87 M	1,2-Dichlorobenzene	20.000	21.640	-8.2	135	0.00
88	1,2-Dibromo-3-Chloropropane	20.000	20.284	-1.4	139	0.00
89	1,2,4-Trichlorobenzene	20.000	21.097	-5.5	140	0.00
90	Hexachlorobutadiene	20.000	21.664	-8.3	138	0.00
91 M	Naphthalene	20.000	20.365	-1.8	132	0.00
92	1,2,3-Trichlorobenzene	20.000	20.982	-4.9	137	0.00

(#) = Out of Range

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