

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX080321\
 Data File : VX023530.D
 Acq On : 03 Aug 2021 16:42
 Operator : JC/MD
 Sample : VSTDCCC020
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_X
 LabSampleId :
 VSTDCCC020

Quant Time: Aug 04 04:56:32 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	102	0.00
2 M	Dichlorodifluoromethane	20.000	19.526	2.4	103	0.00
3 M	Chloromethane	20.000	19.581	2.1	103	0.00
4 M	Vinyl Chloride	20.000	19.382	3.1	105	0.00
5 M	Bromomethane	20.000	22.490	-12.4	105	0.00
6 M	Chloroethane	20.000	19.170	4.1	105	0.00
7 M	Trichlorofluoromethane	20.000	19.136	4.3	103	0.00
8 T	Diethyl Ether	20.000	19.055	4.7	104	0.00
9	1,1,2-Trichlorotrifluoroeth	20.000	19.987	0.1	107	0.00
10 M	1,1-Dichloroethene	20.000	19.367	3.2	106	0.00
11	Methyl Iodide	20.000	18.102	9.5	104	0.00
12	Methyl Acetate	20.000	19.334	3.3	103	0.00
13 M	Acrolein	100.000	97.679	2.3	113	0.00
14 M	Acrylonitrile	100.000	94.935	5.1	101	0.00
15 M	Acetone	100.000	86.588	13.4	80	0.00
16 M	Carbon Disulfide	20.000	18.470	7.7	105	0.00
17	Allyl chloride	20.000	18.655	6.7	103	0.00
18 M	Methylene Chloride	20.000	19.797	1.0	107	0.00
19 M	trans-1,2-Dichloroethene	20.000	19.105	4.5	105	0.00
20 T	Diisopropyl ether	20.000	18.946	5.3	102	0.00
21 M	1,1-Dichloroethane	20.000	18.949	5.3	103	0.00
22 M	cis-1,2-Dichloroethene	20.000	19.150	4.3	104	0.00
23 M	tert-Butyl Alcohol	100.000	95.910	4.1	101	0.00
24 M	Methyl tert-Butyl Ether	20.000	19.086	4.6	103	0.00
25 M	Chloroform	20.000	19.056	4.7	104	0.00
26	Cyclohexane	20.000	19.293	3.5	104	0.00
27 s	1,2-Dichloroethane-d4	30.000	28.279	5.7	98	0.00
28 I	1,4-Difluorobenzene	30.000	30.000	0.0	102	0.00
29	1,1-Dichloropropene	20.000	20.081	-0.4	110	0.00
30 M	2-Butanone	100.000	92.761	7.2	92	0.00
31	2,2-Dichloropropane	20.000	18.748	6.3	99	0.00
32 M	1,1,1-Trichloroethane	20.000	19.328	3.4	103	0.00
33 M	Carbon Tetrachloride	20.000	19.301	3.5	104	0.00
34 M	Benzene	20.000	19.383	3.1	101	0.00
35	Methacrylonitrile	20.000	18.718	6.4	101	0.00
36 M	1,2-Dichloroethane	20.000	19.466	2.7	103	0.00
37 M	Trichloroethene	20.000	19.721	1.4	106	0.00
38	Methylcyclohexane	20.000	20.057	-0.3	109	0.00
39 M	1,2-Dichloropropane	20.000	19.189	4.1	101	0.00
40	Dibromomethane	20.000	19.250	3.8	101	0.00
41 M	Bromodichloromethane	20.000	18.739	6.3	103	0.00
42 M	Vinyl Acetate	100.000	97.435	2.6	102	0.00
43	Ethyl Acetate	20.000	19.601	2.0	101	0.00
44	Isopropyl Acetate	20.000	18.983	5.1	102	0.00
45 T	1,4-Dioxane	400.000	379.492	5.1	95	0.00
46	Methyl methacrylate	20.000	19.006	5.0	102	0.00
47	n-amyl Acetate	20.000	19.260	3.7	104	0.00
48 M	t-1,3-Dichloropropene	20.000	18.503	7.5	103	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
49 T	cis-1,3-Dichloropropene	20.000	18.625	6.9	101	0.00
50 M	1,1,2-Trichloroethane	20.000	19.750	1.3	106	0.00
51	Ethyl methacrylate	20.000	18.706	6.5	104	0.00
52	1,3-Dichloropropane	20.000	19.437	2.8	103	0.00
53 M	Dibromochloromethane	20.000	18.115	9.4	102	0.00
54 M	1,2-Dibromoethane	20.000	19.439	2.8	104	0.00
55 M	2-Chloroethyl vinyl ether	100.000	92.536	7.5	99	0.00
56 M	Bromoform	20.000	17.753	11.2	100	0.00
57 I	Chlorobenzene-d5	30.000	30.000	0.0	102	0.00
58 M	4-Methyl-2-Pentanone	100.000	98.184	1.8	100	0.00
59 M	2-Hexanone	100.000	98.983	1.0	98	0.00
60 S	4-Bromofluorobenzene	30.000	29.369	2.1	103	0.00
61 M	Tetrachloroethene	20.000	20.653	-3.3	106	0.00
62 M	Toluene	20.000	19.907	0.5	104	0.00
63 S	Toluene-d8	30.000	30.274	-0.9	101	0.00
64 M	Chlorobenzene	20.000	19.469	2.7	103	0.00
65	1,1,1,2-Tetrachloroethane	20.000	18.842	5.8	102	0.00
66 M	Ethyl Benzene	20.000	19.755	1.2	106	0.00
67 M	m/p-Xylenes	40.000	39.337	1.7	104	0.00
68 M	o-Xylene	20.000	19.700	1.5	105	0.00
69 M	Styrene	20.000	19.259	3.7	104	0.00
70	Isopropylbenzene	20.000	19.700	1.5	106	0.00
71 M	1,1,2,2-Tetrachloroethane	20.000	19.618	1.9	102	0.00
72	1,2,3-Trichloropropane	20.000	19.938	0.3	101	0.00
73	Bromobenzene	20.000	19.679	1.6	105	0.00
74	n-propylbenzene	20.000	19.437	2.8	106	0.00
75	2-Chlorotoluene	20.000	19.304	3.5	104	0.00
76	1,3,5-Trimethylbenzene	20.000	19.583	2.1	105	0.00
77	t-1,4-Dichloro-2-butene	20.000	17.914	10.4	98	0.00
78	4-Chlorotoluene	20.000	19.121	4.4	104	0.00
79	tert-butylbenzene	20.000	19.606	2.0	106	0.00
80	1,2,4-Trimethylbenzene	20.000	19.771	1.1	105	0.00
81	sec-Butylbenzene	20.000	19.589	2.1	107	0.00
82	p-Isopropyltoluene	20.000	19.660	1.7	107	0.00
83 M	1,3-Dichlorobenzene	20.000	19.389	3.1	105	0.00
84 M	1,4-Dichlorobenzene	20.000	19.442	2.8	107	0.00
85	n-Butylbenzene	20.000	19.606	2.0	109	0.00
86 T	Hexachloroethane	20.000	18.571	7.1	108	0.00
87 M	1,2-Dichlorobenzene	20.000	19.540	2.3	104	0.00
88	1,2-Dibromo-3-Chloropropane	20.000	17.107	14.5	101	0.00
89	1,2,4-Trichlorobenzene	20.000	18.962	5.2	108	0.00
90	Hexachlorobutadiene	20.000	19.929	0.4	108	0.00
91 M	Naphthalene	20.000	18.870	5.6	105	0.00
92	1,2,3-Trichlorobenzene	20.000	19.060	4.7	106	0.00

(#) = Out of Range

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