

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX080421\
 Data File : VX023543.D
 Acq On : 04 Aug 2021 15:19
 Operator : JC/MD
 Sample : VSTDCCC020
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_X
 LabSampleId :
 VSTDCCC020

Quant Time: Aug 05 05:19:06 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	100	0.00
2 M	Dichlorodifluoromethane	20.000	20.959	-4.8	108	0.00
3 M	Chloromethane	20.000	20.670	-3.4	106	0.00
4 M	Vinyl Chloride	20.000	20.691	-3.5	109	0.00
5 M	Bromomethane	20.000	23.787	-18.9	109	0.00
6 M	Chloroethane	20.000	19.868	0.7	106	0.00
7 M	Trichlorofluoromethane	20.000	20.386	-1.9	107	0.00
8 T	Diethyl Ether	20.000	20.548	-2.7	109	0.00
9	1,1,2-Trichlorotrifluoroeth	20.000	20.943	-4.7	110	0.00
10 M	1,1-Dichloroethene	20.000	20.368	-1.8	109	0.00
11	Methyl Iodide	20.000	18.415	7.9	103	0.00
12	Methyl Acetate	20.000	19.810	1.0	103	0.00
13 M	Acrolein	100.000	94.406	5.6	107	0.00
14 M	Acrylonitrile	100.000	98.738	1.3	103	0.00
15 M	Acetone	100.000	99.233	0.8	90	0.00
16 M	Carbon Disulfide	20.000	18.654	6.7	103	0.00
17	Allyl chloride	20.000	19.817	0.9	107	0.00
18 M	Methylene Chloride	20.000	21.035	-5.2	112	0.00
19 M	trans-1,2-Dichloroethene	20.000	20.240	-1.2	109	0.00
20 T	Diisopropyl ether	20.000	20.562	-2.8	108	0.00
21 M	1,1-Dichloroethane	20.000	20.659	-3.3	110	0.00
22 M	cis-1,2-Dichloroethene	20.000	20.334	-1.7	108	0.00
23 M	tert-Butyl Alcohol	100.000	95.411	4.6	98	0.00
24 M	Methyl tert-Butyl Ether	20.000	20.683	-3.4	110	0.00
25 M	Chloroform	20.000	20.603	-3.0	110	0.00
26	Cyclohexane	20.000	20.435	-2.2	108	0.00
27 s	1,2-Dichloroethane-d4	30.000	28.683	4.4	97	0.00
28 I	1,4-Difluorobenzene	30.000	30.000	0.0	103	0.00
29	1,1-Dichloropropene	20.000	20.758	-3.8	115	0.00
30 M	2-Butanone	100.000	97.795	2.2	98	0.00
31	2,2-Dichloropropane	20.000	20.262	-1.3	108	0.00
32 M	1,1,1-Trichloroethane	20.000	19.736	1.3	106	0.00
33 M	Carbon Tetrachloride	20.000	19.935	0.3	108	0.00
34 M	Benzene	20.000	20.327	-1.6	107	0.00
35	Methacrylonitrile	20.000	19.236	3.8	105	0.00
36 M	1,2-Dichloroethane	20.000	20.287	-1.4	108	0.00
37 M	Trichloroethene	20.000	20.871	-4.4	114	0.00
38	Methylcyclohexane	20.000	20.663	-3.3	113	0.00
39 M	1,2-Dichloropropane	20.000	20.366	-1.8	109	0.00
40	Dibromomethane	20.000	19.771	1.1	105	0.00
41 M	Bromodichloromethane	20.000	19.361	3.2	107	0.00
42 M	Vinyl Acetate	100.000	101.272	-1.3	107	0.00
43	Ethyl Acetate	20.000	19.564	2.2	102	0.00
44	Isopropyl Acetate	20.000	19.664	1.7	107	0.00
45 T	1,4-Dioxane	400.000	386.966	3.3	98	0.00
46	Methyl methacrylate	20.000	19.615	1.9	106	0.00
47	n-amyl Acetate	20.000	20.040	-0.2	110	0.00
48 M	t-1,3-Dichloropropene	20.000	19.137	4.3	107	0.00
49 T	cis-1,3-Dichloropropene	20.000	19.299	3.5	106	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
50 M	1,1,2-Trichloroethane	20.000	20.411	-2.1	111	0.00
51	Ethyl methacrylate	20.000	19.812	0.9	112	0.00
52	1,3-Dichloropropane	20.000	20.143	-0.7	108	0.00
53 M	Dibromochloromethane	20.000	18.641	6.8	106	0.00
54 M	1,2-Dibromoethane	20.000	19.917	0.4	108	0.00
55 M	2-Chloroethyl vinyl ether	100.000	87.486	12.5	95	0.00
56 M	Bromoform	20.000	17.852	10.7	102	0.00
57 I	Chlorobenzene-d5	30.000	30.000	0.0	103	0.00
58 M	4-Methyl-2-Pentanone	100.000	100.520	-0.5	103	0.00
59 M	2-Hexanone	100.000	101.640	-1.6	102	0.00
60 S	4-Bromofluorobenzene	30.000	29.722	0.9	105	0.00
61 M	Tetrachloroethene	20.000	21.625	-8.1	112	0.00
62 M	Toluene	20.000	20.917	-4.6	110	0.00
63 S	Toluene-d8	30.000	30.253	-0.8	102	0.00
64 M	Chlorobenzene	20.000	20.928	-4.6	111	0.00
65	1,1,1,2-Tetrachloroethane	20.000	19.893	0.5	109	0.00
66 M	Ethyl Benzene	20.000	20.974	-4.9	113	0.00
67 M	m/p-Xylenes	40.000	41.935	-4.8	112	0.00
68 M	o-Xylene	20.000	20.585	-2.9	111	0.00
69 M	Styrene	20.000	20.298	-1.5	111	0.00
70	Isopropylbenzene	20.000	20.800	-4.0	113	0.00
71 M	1,1,2,2-Tetrachloroethane	20.000	20.435	-2.2	107	0.00
72	1,2,3-Trichloropropane	20.000	20.497	-2.5	105	0.00
73	Bromobenzene	20.000	21.445	-7.2	116	0.00
74	n-propylbenzene	20.000	20.850	-4.3	114	0.00
75	2-Chlorotoluene	20.000	20.594	-3.0	112	0.00
76	1,3,5-Trimethylbenzene	20.000	20.686	-3.4	112	0.00
77	t-1,4-Dichloro-2-butene	20.000	18.849	5.8	104	0.00
78	4-Chlorotoluene	20.000	20.343	-1.7	112	0.00
79	tert-butylbenzene	20.000	20.753	-3.8	114	0.00
80	1,2,4-Trimethylbenzene	20.000	20.893	-4.5	111	0.00
81	sec-Butylbenzene	20.000	20.817	-4.1	114	0.00
82	p-Isopropyltoluene	20.000	20.961	-4.8	115	0.00
83 M	1,3-Dichlorobenzene	20.000	20.493	-2.5	112	0.00
84 M	1,4-Dichlorobenzene	20.000	20.491	-2.5	113	0.00
85	n-Butylbenzene	20.000	21.030	-5.2	118	0.00
86 T	Hexachloroethane	20.000	19.115	4.4	112	0.00
87 M	1,2-Dichlorobenzene	20.000	20.613	-3.1	111	0.00
88	1,2-Dibromo-3-Chloropropane	20.000	17.972	10.1	107	0.00
89	1,2,4-Trichlorobenzene	20.000	20.962	-4.8	120	0.00
90	Hexachlorobutadiene	20.000	20.941	-4.7	115	0.00
91 M	Naphthalene	20.000	20.856	-4.3	117	0.00
92	1,2,3-Trichlorobenzene	20.000	20.728	-3.6	117	0.00

(#) = Out of Range

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