

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX082221\
 Data File : VX023874.D
 Acq On : 20 Aug 2021 13:42
 Operator : JC/MD
 Sample : VSTDCCC020
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_X
 LabSampleId :
 VSTDCCC020

Quant Time: Aug 21 01:10:18 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	92	0.00
2 M	Dichlorodifluoromethane	20.000	21.288	-6.4	102	0.00
3 M	Chloromethane	20.000	19.769	1.2	94	0.00
4 M	Vinyl Chloride	20.000	20.218	-1.1	99	0.00
5 M	Bromomethane	20.000	24.544	-22.7	104	0.00
6 M	Chloroethane	20.000	20.705	-3.5	103	0.00
7 M	Trichlorofluoromethane	20.000	20.585	-2.9	101	0.00
8 T	Diethyl Ether	20.000	19.894	0.5	98	0.00
9	1,1,2-Trichlorotrifluoroeth	20.000	21.538	-7.7	105	0.00
10 M	1,1-Dichloroethene	20.000	20.400	-2.0	101	0.00
11	Methyl Iodide	20.000	20.274	-1.4	106	0.00
12	Methyl Acetate	20.000	20.803	-4.0	101	0.00
13 M	Acrolein	100.000	87.270	12.7	92	0.00
14 M	Acrylonitrile	100.000	99.751	0.2	96	0.00
15 M	Acetone	100.000	110.163	-10.2	92	0.00
16 M	Carbon Disulfide	20.000	19.529	2.4	100	0.00
17	Allyl chloride	20.000	19.979	0.1	100	0.00
18 M	Methylene Chloride	20.000	20.602	-3.0	101	0.00
19 M	trans-1,2-Dichloroethene	20.000	20.549	-2.7	103	0.00
20 T	Diisopropyl ether	20.000	20.285	-1.4	99	0.00
21 M	1,1-Dichloroethane	20.000	20.534	-2.7	102	0.00
22 M	cis-1,2-Dichloroethene	20.000	20.492	-2.5	101	0.00
23 M	tert-Butyl Alcohol	100.000	96.864	3.1	92	0.00
24 M	Methyl tert-Butyl Ether	20.000	20.436	-2.2	101	0.00
25 M	Chloroform	20.000	21.018	-5.1	104	0.00
26	Cyclohexane	20.000	20.299	-1.5	100	0.00
27 s	1,2-Dichloroethane-d4	30.000	31.168	-3.9	98	0.00
28 I	1,4-Difluorobenzene	30.000	30.000	0.0	95	0.00
29	1,1-Dichloropropene	20.000	21.023	-5.1	107	0.00
30 M	2-Butanone	100.000	111.670	-11.7	103	0.00
31	2,2-Dichloropropane	20.000	21.022	-5.1	104	0.00
32 M	1,1,1-Trichloroethane	20.000	20.874	-4.4	103	0.00
33 M	Carbon Tetrachloride	20.000	21.137	-5.7	106	0.00
34 M	Benzene	20.000	20.569	-2.8	100	0.00
35	Methacrylonitrile	20.000	19.986	0.1	101	0.00
36 M	1,2-Dichloroethane	20.000	21.390	-7.0	105	0.00
37 M	Trichloroethene	20.000	20.479	-2.4	103	0.00
38	Methylcyclohexane	20.000	20.760	-3.8	105	0.00
39 M	1,2-Dichloropropane	20.000	20.703	-3.5	102	0.00
40	Dibromomethane	20.000	20.974	-4.9	103	0.00
41 M	Bromodichloromethane	20.000	20.959	-4.8	107	0.00
42 M	Vinyl Acetate	100.000	102.234	-2.2	100	0.00
43	Ethyl Acetate	20.000	20.022	-0.1	96	0.00
44	Isopropyl Acetate	20.000	20.069	-0.3	100	0.00
45 T	1,4-Dioxane	400.000	397.643	0.6	92	0.00
46	Methyl methacrylate	20.000	20.397	-2.0	102	0.00
47	n-amyl Acetate	20.000	20.333	-1.7	103	0.00
48 M	t-1,3-Dichloropropene	20.000	20.221	-1.1	104	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
49 T	cis-1,3-Dichloropropene	20.000	20.166	-0.8	102	0.00
50 M	1,1,2-Trichloroethane	20.000	20.907	-4.5	104	0.00
51	Ethyl methacrylate	20.000	20.097	-0.5	104	0.00
52	1,3-Dichloropropane	20.000	20.940	-4.7	103	0.00
53 M	Dibromochloromethane	20.000	20.551	-2.8	108	0.00
54 M	1,2-Dibromoethane	20.000	21.060	-5.3	105	0.00
55 M	2-Chloroethyl vinyl ether	100.000	85.995	14.0	86	0.00
56 M	Bromoform	20.000	19.818	0.9	104	0.00
57 I	Chlorobenzene-d5	30.000	30.000	0.0	97	0.00
58 M	4-Methyl-2-Pentanone	100.000	104.373	-4.4	100	0.00
59 M	2-Hexanone	100.000	113.266	-13.3	106	0.00
60 S	4-Bromofluorobenzene	30.000	30.331	-1.1	101	0.00
61 M	Tetrachloroethene	20.000	21.698	-8.5	106	0.00
62 M	Toluene	20.000	20.675	-3.4	102	0.00
63 S	Toluene-d8	30.000	30.091	-0.3	96	0.00
64 M	Chlorobenzene	20.000	20.664	-3.3	103	0.00
65	1,1,1,2-Tetrachloroethane	20.000	20.344	-1.7	104	0.00
66 M	Ethyl Benzene	20.000	20.831	-4.2	106	0.00
67 M	m/p-Xylenes	40.000	41.429	-3.6	104	0.00
68 M	o-Xylene	20.000	20.470	-2.3	104	0.00
69 M	Styrene	20.000	20.523	-2.6	105	0.00
70	Isopropylbenzene	20.000	20.980	-4.9	107	0.00
71 M	1,1,2,2-Tetrachloroethane	20.000	21.077	-5.4	103	0.00
72	1,2,3-Trichloropropane	20.000	21.143	-5.7	101	0.00
73	Bromobenzene	20.000	20.639	-3.2	105	0.00
74	n-propylbenzene	20.000	21.029	-5.1	108	0.00
75	2-Chlorotoluene	20.000	20.990	-4.9	108	0.00
76	1,3,5-Trimethylbenzene	20.000	21.146	-5.7	108	0.00
77	t-1,4-Dichloro-2-butene	20.000	19.128	4.4	100	0.00
78	4-Chlorotoluene	20.000	21.179	-5.9	110	0.00
79	tert-butylbenzene	20.000	20.927	-4.6	108	0.00
80	1,2,4-Trimethylbenzene	20.000	21.384	-6.9	107	0.00
81	sec-Butylbenzene	20.000	21.038	-5.2	108	0.00
82	p-Isopropyltoluene	20.000	21.321	-6.6	110	0.00
83 M	1,3-Dichlorobenzene	20.000	20.748	-3.7	107	0.00
84 M	1,4-Dichlorobenzene	20.000	20.976	-4.9	109	0.00
85	n-Butylbenzene	20.000	21.376	-6.9	113	0.00
86 T	Hexachloroethane	20.000	19.835	0.8	109	0.00
87 M	1,2-Dichlorobenzene	20.000	21.033	-5.2	107	0.00
88	1,2-Dibromo-3-Chloropropane	20.000	19.088	4.6	106	0.00
89	1,2,4-Trichlorobenzene	20.000	20.319	-1.6	109	0.00
90	Hexachlorobutadiene	20.000	21.930	-9.6	113	0.00
91 M	Naphthalene	20.000	19.627	1.9	103	0.00
92	1,2,3-Trichlorobenzene	20.000	20.337	-1.7	108	0.00

(#) = Out of Range

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