

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX033021\
 Data File : VX021617.D
 Acq On : 30 Mar 2021 09:42
 Operator : JC/MD
 Sample : VSTDCCC020
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 LabSampleId :
 VSTDCCC020

Quant Time: Mar 31 04:38:46 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\624X032621W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Sat Mar 27 04:47:38 2021
 Response via : Initial Calibration

Min. RRF : 0.050 Min. Rel. Area : 20% Max. R.T. Dev 0.50min
 Max. RRF Dev : 30% Max. Rel. Area : 150%

	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
1 I	Bromochloromethane	30.000	30.000	0.0	106	0.00
2 M	Dichlorodifluoromethane	20.000	19.241	3.8	103	0.00
3 M	Chloromethane	20.000	18.464	7.7	103	0.00
4 M	Vinyl Chloride	20.000	18.340	8.3	105	0.00
5 M	Bromomethane	20.000	21.877	-9.4	118	0.00
6 M	Chloroethane	20.000	18.080	9.6	105	0.00
7 M	Trichlorofluoromethane	20.000	18.835	5.8	106	0.00
8 T	Diethyl Ether	20.000	17.948	10.3	106	0.00
9	1,1,2-Trichlorotrifluoroeth	20.000	18.195	9.0	105	0.00
10 M	1,1-Dichloroethene	20.000	18.322	8.4	103	0.00
11	Methyl Iodide	20.000	17.327	13.4	119	0.00
12	Methyl Acetate	20.000	18.278	8.6	100	0.00
13 M	Acrolein	100.000	87.543	12.5	101	0.00
14 M	Acrylonitrile	100.000	83.911	16.1	97	0.00
15 M	Acetone	100.000	94.542	5.5	109	0.00
16 M	Carbon Disulfide	20.000	17.647	11.8	102	0.00
17	Allyl chloride	20.000	17.875	10.6	103	0.00
18 M	Methylene Chloride	20.000	18.228	8.9	105	0.00
19 M	trans-1,2-Dichloroethene	20.000	18.234	8.8	106	0.00
20 T	Diisopropyl ether	20.000	17.629	11.9	103	0.00
21 M	1,1-Dichloroethane	20.000	17.901	10.5	105	0.00
22 M	cis-1,2-Dichloroethene	20.000	17.633	11.8	102	-0.01
23 M	tert-Butyl Alcohol	100.000	80.177	19.8	96	0.00
24 M	Methyl tert-Butyl Ether	20.000	17.360	13.2	102	0.00
25 M	Chloroform	20.000	18.092	9.5	105	0.00
26	Cyclohexane	20.000	17.749	11.3	102	-0.01
27 s	1,2-Dichloroethane-d4	30.000	28.857	3.8	103	0.00
28 I	1,4-Difluorobenzene	30.000	30.000	0.0	104	0.00
29	1,1-Dichloropropene	20.000	18.670	6.6	103	0.00
30 M	2-Butanone	100.000	89.950	10.0	100	0.00
31	2,2-Dichloropropane	20.000	18.750	6.3	108	-0.01
32 M	1,1,1-Trichloroethane	20.000	19.070	4.6	105	-0.01
33 M	Carbon Tetrachloride	20.000	18.847	5.8	106	0.00
34 M	Benzene	20.000	18.753	6.2	103	0.00
35	Methacrylonitrile	20.000	17.970	10.2	102	-0.01
36 M	1,2-Dichloroethane	20.000	19.017	4.9	103	-0.01
37 M	Trichloroethene	20.000	19.376	3.1	107	0.00
38	Methylcyclohexane	20.000	18.937	5.3	108	0.00
39 M	1,2-Dichloropropane	20.000	18.924	5.4	105	0.00
40	Dibromomethane	20.000	18.905	5.5	103	-0.01
41 M	Bromodichloromethane	20.000	18.704	6.5	104	0.00
42 M	Vinyl Acetate	100.000	89.258	10.7	101	0.00
43	Ethyl Acetate	20.000	18.327	8.4	100	0.00
44	Isopropyl Acetate	20.000	17.498	12.5	97	0.00
45 T	1,4-Dioxane	400.000	346.420	13.4	97	0.00
46	Methyl methacrylate	20.000	17.249	13.8	96	0.00
47	n-amyl Acetate	20.000	17.217	13.9	99	0.00
48 M	t-1,3-Dichloropropene	20.000	17.968	10.2	105	0.00

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 Max. RRF Dev : 30% Max. Rel. Area : 150%

	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
49 T	cis-1,3-Dichloropropene	20.000	18.506	7.5	105	0.00
50 M	1,1,2-Trichloroethane	20.000	18.549	7.3	106	0.00
51	Ethyl methacrylate	20.000	17.401	13.0	102	0.00
52	1,3-Dichloropropane	20.000	18.441	7.8	101	0.00
53 M	Dibromochloromethane	20.000	18.322	8.4	106	0.00
54 M	1,2-Dibromoethane	20.000	18.573	7.1	103	0.00
55 M	2-Chloroethyl vinyl ether	100.000	89.010	11.0	98	0.00
56 M	Bromoform	20.000	18.361	8.2	106	0.00
57 I	Chlorobenzene-d5	30.000	30.000	0.0	104	0.00
58 M	4-Methyl-2-Pentanone	100.000	89.137	10.9	97	0.00
59 M	2-Hexanone	100.000	88.707	11.3	98	0.00
60 S	4-Bromofluorobenzene	30.000	29.414	2.0	104	0.00
61 M	Tetrachloroethene	20.000	20.564	-2.8	108	0.00
62 M	Toluene	20.000	18.933	5.3	104	0.00
63 S	Toluene-d8	30.000	30.484	-1.6	104	0.00
64 M	Chlorobenzene	20.000	19.125	4.4	109	0.00
65	1,1,1,2-Tetrachloroethane	20.000	18.199	9.0	106	0.00
66 M	Ethyl Benzene	20.000	18.666	6.7	105	0.00
67 M	m/p-Xylenes	40.000	37.648	5.9	104	0.00
68 M	o-Xylene	20.000	18.313	8.4	102	0.00
69 M	Styrene	20.000	18.021	9.9	103	0.00
70	Isopropylbenzene	20.000	18.533	7.3	105	0.00
71 M	1,1,2,2-Tetrachloroethane	20.000	18.021	9.9	98	0.00
72	1,2,3-Trichloropropane	20.000	18.366	8.2	102	0.00
73	Bromobenzene	20.000	18.591	7.0	103	0.00
74	n-propylbenzene	20.000	18.380	8.1	104	0.00
75	2-Chlorotoluene	20.000	18.982	5.1	106	0.00
76	1,3,5-Trimethylbenzene	20.000	18.534	7.3	104	0.00
77	t-1,4-Dichloro-2-butene	20.000	16.531	17.3	104	0.00
78	4-Chlorotoluene	20.000	18.757	6.2	105	0.00
79	tert-butylbenzene	20.000	18.145	9.3	103	0.00
80	1,2,4-Trimethylbenzene	20.000	18.491	7.5	102	0.00
81	sec-Butylbenzene	20.000	18.748	6.3	108	0.00
82	p-Isopropyltoluene	20.000	18.262	8.7	105	0.00
83 M	1,3-Dichlorobenzene	20.000	17.998	10.0	103	0.00
84 M	1,4-Dichlorobenzene	20.000	18.627	6.9	108	0.00
85	n-Butylbenzene	20.000	17.558	12.2	105	0.00
86 T	Hexachloroethane	20.000	17.634	11.8	109	0.00
87 M	1,2-Dichlorobenzene	20.000	18.173	9.1	103	0.00
88	1,2-Dibromo-3-Chloropropane	20.000	17.401	13.0	101	0.00
89	1,2,4-Trichlorobenzene	20.000	17.317	13.4	102	0.00
90	Hexachlorobutadiene	20.000	19.306	3.5	109	0.00
91 M	Naphthalene	20.000	17.269	13.7	102	0.00
92	1,2,3-Trichlorobenzene	20.000	18.007	10.0	103	0.00

(#) = Out of Range

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