

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX120820\
 Data File : VX019761.D
 Acq On : 08 Dec 2020 15:30
 Operator : JC/MD
 Sample : VSTDICV020
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICV020

Quant Time: Dec 09 06:16:35 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\624X120820W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Wed Dec 09 06:09:21 2020
 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	85	0.00
2 M	Dichlorodifluoromethane	5.000	19.892	-297.8#	346	0.00
3 M	Chloromethane	5.000	20.560	-311.2#	348	0.00
4 M	Vinyl Chloride	5.000	20.436	-308.7#	348	0.00
5 M	Bromomethane	5.000	17.222	-244.4#	283	0.00
6 M	Chloroethane	5.000	20.601	-312.0#	355	0.00
7 M	Trichlorofluoromethane	5.000	20.681	-313.6#	351	0.00
8 T	Diethyl Ether	5.000	20.689	-313.8#	366	0.00
9	1,1,2-Trichlorotrifluoroeth	5.000	20.578	-311.6#	356	0.00
10 M	1,1-Dichloroethene	5.000	20.086	-301.7#	339	0.00
11	Methyl Iodide	5.000	17.585	-251.7#	327	0.00
12	Methyl Acetate	5.000	19.585	-291.7#	361	0.00
13 M	Acrolein	25.000	82.677	-230.7#	300	0.00
14 M	Acrylonitrile	25.000	103.206	-312.8#	365	0.00
15 M	Acetone	25.000	99.761	-299.0#	347	0.00
16 M	Carbon Disulfide	5.000	20.166	-303.3#	336	0.00
17	Allyl chloride	5.000	20.526	-310.5#	368	0.00
18 M	Methylene Chloride	5.000	20.896	-317.9#	351	0.00
19 M	trans-1,2-Dichloroethene	5.000	20.514	-310.3#	343	0.00
20 T	Diisopropyl ether	5.000	20.684	-313.7#	362	0.00
21 M	1,1-Dichloroethane	5.000	20.552	-311.0#	355	0.00
22 M	cis-1,2-Dichloroethene	5.000	20.569	-311.4#	355	0.00
23 M	tert-Butyl Alcohol	25.000	103.009	-312.0#	301	0.01
24 M	Methyl tert-Butyl Ether	5.000	20.560	-311.2#	364	0.00
25 M	Chloroform	5.000	20.560	-311.2#	359	0.00
26	Cyclohexane	5.000	21.070	-321.4#	361	0.00
27 s	1,2-Dichloroethane-d4	30.000	30.460	-1.5	85	0.00
28 I	1,4-Difluorobenzene	30.000	30.000	0.0	85	0.00
29	1,1-Dichloropropene	5.000	20.458	-309.2#	353	0.00
30 M	2-Butanone	25.000	100.362	-301.4#	357	0.00
31	2,2-Dichloropropane	5.000	20.092	-301.8#	354	0.00
32 M	1,1,1-Trichloroethane	5.000	20.286	-305.7#	358	0.00
33 M	Carbon Tetrachloride	5.000	20.006	-300.1#	359	0.00
34 M	Benzene	5.000	20.538	-310.8#	356	0.00
35	Methacrylonitrile	5.000	20.058	-301.2#	374	0.00
36 M	1,2-Dichloroethane	5.000	20.396	-307.9#	348	0.00
37 M	Trichloroethene	5.000	20.186	-303.7#	347	0.00
38	Methylcyclohexane	5.000	20.632	-312.6#	365	0.00
39 M	1,2-Dichloropropane	5.000	20.500	-310.0#	359	0.00
40	Dibromomethane	5.000	20.056	-301.1#	349	0.00
41 M	Bromodichloromethane	5.000	19.918	-298.4#	367	0.00
42 M	Vinyl Acetate	25.000	102.642	-310.6#	373	0.00
43	Ethyl Acetate	5.000	20.577	-311.5#	362	0.00
44	Isopropyl Acetate	5.000	20.091	-301.8#	370	0.00
45 T	1,4-Dioxane	100.000	390.928	-290.9#	353	0.00
46	Methyl methacrylate	5.000	20.172	-303.4#	386	0.00
47	n-amyl Acetate	5.000	19.591	-291.8#	397	0.00
48 M	t-1,3-Dichloropropene	5.000	19.636	-292.7#	384	0.00
49 T	cis-1,3-Dichloropropene	5.000	19.739	-294.8#	368	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)

50 M	1,1,2-Trichloroethane	5.000	20.227	-304.5#	359	0.00
51	Ethyl methacrylate	5.000	19.583	-291.7#	382	0.00
52	1,3-Dichloropropane	5.000	20.477	-309.5#	359	0.00
53 M	Dibromochloromethane	5.000	19.187	-283.7#	367	0.00
54 M	1,2-Dibromoethane	5.000	20.214	-304.3#	365	0.00
55 M	2-Chloroethyl vinyl ether	25.000	88.008	-252.0#	337	0.00
56 M	Bromoform	5.000	18.193	-263.9#	381	0.00
57 I	Chlorobenzene-d5	30.000	30.000	0.0	86	0.00
58 M	4-Methyl-2-Pentanone	25.000	102.102	-308.4#	377	0.00
59 M	2-Hexanone	25.000	102.158	-308.6#	377	0.00
60 S	4-Bromofluorobenzene	30.000	29.296	2.3	85	0.00
61 M	Tetrachloroethene	5.000	20.874	-317.5#	351	0.00
62 M	Toluene	5.000	21.051	-321.0#	363	0.00
63 S	Toluene-d8	30.000	29.980	0.1	84	0.00
64 M	Chlorobenzene	5.000	20.392	-307.8#	356	0.00
65	1,1,1,2-Tetrachloroethane	5.000	19.804	-296.1#	367	0.00
66 M	Ethyl Benzene	5.000	20.744	-314.9#	373	0.00
67 M	m/p-Xylenes	10.000	41.014	-310.1#	371	0.00
68 M	o-Xylene	5.000	20.264	-305.3#	372	0.00
69 M	Styrene	5.000	20.111	-302.2#	386	0.00
70	Isopropylbenzene	5.000	20.556	-311.1#	372	0.00
71 M	1,1,2,2-Tetrachloroethane	5.000	20.616	-312.3#	367	0.00
72	1,2,3-Trichloropropane	5.000	20.338	-306.8#	357	0.00
73	Bromobenzene	5.000	19.905	-298.1#	356	0.00
74	n-propylbenzene	5.000	20.388	-307.8#	377	0.00
75	2-Chlorotoluene	5.000	20.524	-310.5#	368	0.00
76	1,3,5-Trimethylbenzene	5.000	20.468	-309.4#	378	0.00
77	t-1,4-Dichloro-2-butene	5.000	18.451	-269.0#	401	0.00
78	4-Chlorotoluene	5.000	20.270	-305.4#	369	0.00
79	tert-butylbenzene	5.000	20.440	-308.8#	380	0.00
80	1,2,4-Trimethylbenzene	5.000	20.266	-305.3#	373	0.00
81	sec-Butylbenzene	5.000	20.216	-304.3#	380	0.00
82	p-Isopropyltoluene	5.000	20.092	-301.8#	376	0.00
83 M	1,3-Dichlorobenzene	5.000	19.900	-298.0#	360	0.00
84 M	1,4-Dichlorobenzene	5.000	20.154	-303.1#	367	0.00
85	n-Butylbenzene	5.000	19.783	-295.7#	395	0.00
86 T	Hexachloroethane	5.000	18.929	-278.6#	376	0.00
87 M	1,2-Dichlorobenzene	5.000	20.196	-303.9#	358	0.00
88	1,2-Dibromo-3-Chloropropane	5.000	19.525	-290.5#	365	0.00
89	1,2,4-Trichlorobenzene	5.000	19.632	-292.6#	384	0.00
90	Hexachlorobutadiene	5.000	21.233	-324.7#	361	0.00
91 M	Naphthalene	5.000	19.681	-293.6#	403	0.00
92	1,2,3-Trichlorobenzene	5.000	19.840	-296.8#	383	0.00

(#) = Out of Range

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