

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX120820\
 Data File : VX019767.D
 Acq On : 08 Dec 2020 18:30
 Operator : JC/MD
 Sample : VSTDCCC020
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_X
 LabSampleId :
 VSTDCCC020

Quant Time: Dec 09 06:22:29 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	84	0.01
2 M	Dichlorodifluoromethane	5.000	19.142	-282.8#	328	0.00
3 M	Chloromethane	5.000	19.363	-287.3#	323	0.00
4 M	Vinyl Chloride	5.000	20.161	-303.2#	339	0.00
5 M	Bromomethane	5.000	11.814	-136.3#	192	0.00
6 M	Chloroethane	5.000	20.559	-311.2#	350	0.00
7 M	Trichlorofluoromethane	5.000	20.287	-305.7#	340	0.00
8 T	Diethyl Ether	5.000	20.592	-311.8#	359	0.00
9	1,1,2-Trichlorotrifluoroeth	5.000	21.160	-323.2#	361	0.00
10 M	1,1-Dichloroethene	5.000	21.267	-325.3#	354	0.00
11	Methyl Iodide	5.000	11.360	-127.2#	208	0.00
12	Methyl Acetate	5.000	19.967	-299.3#	363	0.00
13 M	Acrolein	25.000	80.758	-223.0#	289	0.00
14 M	Acrylonitrile	25.000	103.970	-315.9#	363	0.00
15 M	Acetone	25.000	98.829	-295.3#	340	0.00
16 M	Carbon Disulfide	5.000	20.118	-302.4#	331	0.00
17	Allyl chloride	5.000	20.436	-308.7#	362	0.00
18 M	Methylene Chloride	5.000	20.665	-313.3#	342	0.00
19 M	trans-1,2-Dichloroethene	5.000	20.355	-307.1#	336	0.00
20 T	Diisopropyl ether	5.000	20.776	-315.5#	359	0.00
21 M	1,1-Dichloroethane	5.000	20.689	-313.8#	352	0.00
22 M	cis-1,2-Dichloroethene	5.000	20.524	-310.5#	349	0.00
23 M	tert-Butyl Alcohol	25.000	101.361	-305.4#	292	0.01
24 M	Methyl tert-Butyl Ether	5.000	20.663	-313.3#	361	0.00
25 M	Chloroform	5.000	20.638	-312.8#	356	0.00
26	Cyclohexane	5.000	20.656	-313.1#	349	0.00
27 s	1,2-Dichloroethane-d4	30.000	30.244	-0.8	83	0.00
28 I	1,4-Difluorobenzene	30.000	30.000	0.0	82	0.00
29	1,1-Dichloropropene	5.000	20.583	-311.7#	345	0.00
30 M	2-Butanone	25.000	102.216	-308.9#	352	0.00
31	2,2-Dichloropropane	5.000	19.842	-296.8#	339	0.00
32 M	1,1,1-Trichloroethane	5.000	20.497	-309.9#	351	0.00
33 M	Carbon Tetrachloride	5.000	19.953	-299.1#	348	0.00
34 M	Benzene	5.000	20.934	-318.7#	352	0.00
35	Methacrylonitrile	5.000	20.881	-317.6#	378	0.00
36 M	1,2-Dichloroethane	5.000	20.980	-319.6#	348	0.00
37 M	Trichloroethene	5.000	20.699	-314.0#	345	0.00
38	Methylcyclohexane	5.000	20.447	-308.9#	351	0.00
39 M	1,2-Dichloropropane	5.000	20.835	-316.7#	354	0.00
40	Dibromomethane	5.000	20.681	-313.6#	349	0.00
41 M	Bromodichloromethane	5.000	20.275	-305.5#	363	0.00
42 M	Vinyl Acetate	25.000	105.058	-320.2#	370	0.00
43	Ethyl Acetate	5.000	20.838	-316.8#	356	0.01
44	Isopropyl Acetate	5.000	20.633	-312.7#	368	0.00
45 T	1,4-Dioxane	100.000	377.806	-277.8#	331	0.00
46	Methyl methacrylate	5.000	20.561	-311.2#	382	0.00
47	n-amyl Acetate	5.000	20.461	-309.2#	403	0.00
48 M	t-1,3-Dichloropropene	5.000	19.839	-296.8#	376	0.00
49 T	cis-1,3-Dichloropropene	5.000	20.130	-302.6#	364	0.00

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

50 M	1,1,2-Trichloroethane	5.000	20.860	-317.2#	359	0.00
51	Ethyl methacrylate	5.000	20.325	-306.5#	385	0.00
52	1,3-Dichloropropane	5.000	21.140	-322.8#	359	0.00
53 M	Dibromochloromethane	5.000	19.811	-296.2#	368	0.00
54 M	1,2-Dibromoethane	5.000	20.952	-319.0#	367	0.00
55 M	2-Chloroethyl vinyl ether	25.000	87.439	-249.8#	325	0.00
56 M	Bromoform	5.000	19.319	-286.4#	392	0.00
57 I	Chlorobenzene-d5	30.000	30.000	0.0	83	0.00
58 M	4-Methyl-2-Pentanone	25.000	105.417	-321.7#	376	0.00
59 M	2-Hexanone	25.000	103.788	-315.2#	370	0.00
60 S	4-Bromofluorobenzene	30.000	30.242	-0.8	85	0.00
61 M	Tetrachloroethene	5.000	20.529	-310.6#	334	0.00
62 M	Toluene	5.000	21.139	-322.8#	352	0.00
63 S	Toluene-d8	30.000	30.543	-1.8	83	0.00
64 M	Chlorobenzene	5.000	20.638	-312.8#	348	0.00
65	1,1,1,2-Tetrachloroethane	5.000	20.567	-311.3#	369	0.00
66 M	Ethyl Benzene	5.000	20.821	-316.4#	362	0.00
67 M	m/p-Xylenes	10.000	41.852	-318.5#	365	0.00
68 M	o-Xylene	5.000	20.450	-309.0#	362	0.00
69 M	Styrene	5.000	20.830	-316.6#	386	0.00
70	Isopropylbenzene	5.000	21.177	-323.5#	371	0.00
71 M	1,1,2,2-Tetrachloroethane	5.000	21.551	-331.0#	370	0.00
72	1,2,3-Trichloropropane	5.000	21.014	-320.3#	357	0.00
73	Bromobenzene	5.000	20.810	-316.2#	360	0.00
74	n-propylbenzene	5.000	20.739	-314.8#	371	0.00
75	2-Chlorotoluene	5.000	20.815	-316.3#	361	0.00
76	1,3,5-Trimethylbenzene	5.000	20.896	-317.9#	373	0.00
77	t-1,4-Dichloro-2-butene	5.000	17.736	-254.7#	372	0.00
78	4-Chlorotoluene	5.000	20.893	-317.9#	367	0.00
79	tert-butylbenzene	5.000	20.953	-319.1#	376	0.00
80	1,2,4-Trimethylbenzene	5.000	20.877	-317.5#	371	0.00
81	sec-Butylbenzene	5.000	20.662	-313.2#	375	0.00
82	p-Isopropyltoluene	5.000	20.294	-305.9#	367	0.00
83 M	1,3-Dichlorobenzene	5.000	20.879	-317.6#	365	0.00
84 M	1,4-Dichlorobenzene	5.000	20.525	-310.5#	362	0.00
85	n-Butylbenzene	5.000	19.929	-298.6#	385	0.00
86 T	Hexachloroethane	5.000	17.928	-258.6#	344	0.00
87 M	1,2-Dichlorobenzene	5.000	20.630	-312.6#	353	0.00
88	1,2-Dibromo-3-Chloropropane	5.000	19.886	-297.7#	359	0.00
89	1,2,4-Trichlorobenzene	5.000	19.406	-288.1#	367	0.00
90	Hexachlorobutadiene	5.000	19.705	-294.1#	324	0.00
91 M	Naphthalene	5.000	20.534	-310.7#	407	0.00
92	1,2,3-Trichlorobenzene	5.000	20.830	-316.6#	389	0.00

(#) = Out of Range

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