

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	AvgRF	CCRF	%Dev	Area%	Dev(min)
1 I	Bromochloromethane	1.000	1.000	0.0	85	0.00
2 M	Dichlorodifluoromethane	1.595	6.344	-297.7#	346#	0.00
3 M	Chloromethane	1.701	6.996	-311.3#	348#	0.00
4 M	Vinyl Chloride	1.969	8.046	-308.6#	348#	0.00
5 M	Bromomethane	0.762	2.624	-244.4#	283#	0.00
6 M	Chloroethane	1.242	5.115	-311.8#	355#	0.00
7 M	Trichlorofluoromethane	2.773	11.471	-313.7#	351#	0.00
8 T	Diethyl Ether	1.151	4.764	-313.9#	366#	0.00
9	1,1,2-Trichlorotrifluoroeth	1.595	6.565	-311.6#	356#	0.00
10 M	1,1-Dichloroethene	1.619	6.505	-301.8#	339#	0.00
11	Methyl Iodide	2.117	7.444	-251.6#	327#	0.00
12	Methyl Acetate	2.109	8.259	-291.6#	361#	0.00
13 M	Acrolein	0.299	0.988	-230.4#	300#	0.00
14 M	Acrylonitrile	1.025	4.231	-312.8#	365#	0.00
15 M	Acetone	0.305	1.217	-299.0#	347#	0.00
16 M	Carbon Disulfide	4.432	17.877	-303.4#	336#	0.00
17	Allyl chloride	2.666	10.944	-310.5#	368#	0.00
18 M	Methylene Chloride	1.998	8.349	-317.9#	351#	0.00
19 M	trans-1,2-Dichloroethene	1.878	7.706	-310.3#	343#	0.00
20 T	Diisopropyl ether	5.531	22.880	-313.7#	362#	0.00
21 M	1,1-Dichloroethane	3.312	13.612	-311.0#	355#	0.00
22 M	cis-1,2-Dichloroethene	2.171	8.932	-311.4#	355#	0.00
23 M	tert-Butyl Alcohol	0.483	1.988	-311.6#	301#	0.01
24 M	Methyl tert-Butyl Ether	5.895	24.241	-311.2#	364#	0.00
25 M	Chloroform	3.417	14.051	-311.2#	359#	0.00
26	Cyclohexane	2.843	11.979	-321.4#	361#	0.00
27 s	1,2-Dichloroethane-d4	2.079	2.111	-1.5	85	0.00
28 I	1,4-Difluorobenzene	1.000	1.000	0.0	85	0.00
29	1,1-Dichloropropene	0.466	1.905	-308.8#	353#	0.00
30 M	2-Butanone	0.247	0.990	-300.8#	357#	0.00
31	2,2-Dichloropropane	0.526	2.112	-301.5#	354#	0.00
32 M	1,1,1-Trichloroethane	0.539	2.188	-305.9#	358#	0.00
33 M	Carbon Tetrachloride	0.464	1.856	-300.0#	359#	0.00
34 M	Benzene	1.424	5.851	-310.9#	356#	0.00
35	Methacrylonitrile	0.255	1.023	-301.2#	374#	0.00
36 M	1,2-Dichloroethane	0.489	1.996	-308.2#	348#	0.00
37 M	Trichloroethene	0.374	1.509	-303.5#	347#	0.00
38	Methylcyclohexane	0.554	2.286	-312.6#	365#	0.00
39 M	1,2-Dichloropropane	0.358	1.468	-310.1#	359#	0.00
40	Dibromomethane	0.245	0.982	-300.8#	349#	0.00
41 M	Bromodichloromethane	0.487	1.939	-298.2#	367#	0.00
42 M	Vinyl Acetate	0.864	3.548	-310.6#	373#	0.00
43	Ethyl Acetate	0.467	1.924	-312.0#	362#	0.00
44	Isopropyl Acetate	0.761	3.058	-301.8#	370#	0.00
45 T	1,4-Dioxane	0.009	0.036#	-300.0#	353#	0.00
46	Methyl methacrylate	0.375	1.513	-303.5#	386#	0.00
47	n-amyl Acetate	0.652	2.555	-291.9#	397#	0.00
48 M	t-1,3-Dichloropropene	0.542	2.128	-292.6#	384#	0.00
49 T	cis-1,3-Dichloropropene	0.593	2.340	-294.6#	368#	0.00

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	AvgRF	CCRF	%Dev	Area%	Dev(min)
50 M	1,1,2-Trichloroethane	0.365	1.477	-304.7#	359#	0.00
51	Ethyl methacrylate	0.560	2.195	-292.0#	382#	0.00
52	1,3-Dichloropropane	0.615	2.517	-309.3#	359#	0.00
53 M	Dibromochloromethane	0.385	1.477	-283.6#	367#	0.00
54 M	1,2-Dibromoethane	0.387	1.564	-304.1#	365#	0.00
55 M	2-Chloroethyl vinyl ether	0.290	1.021	-252.1#	337#	0.00
56 M	Bromoform	0.287	1.043	-263.4#	381#	0.00
57 I	Chlorobenzene-d5	1.000	1.000	0.0	86	0.00
58 M	4-Methyl-2-Pentanone	0.513	2.093	-308.0#	377#	0.00
59 M	2-Hexanone	0.400	1.635	-308.7#	377#	0.00
60 S	4-Bromofluorobenzene	0.504	0.492	2.4	85	0.00
61 M	Tetrachloroethene	0.354	1.477	-317.2#	351#	0.00
62 M	Toluene	1.656	6.974	-321.1#	363#	0.00
63 S	Toluene-d8	1.314	1.313	0.1	84	0.00
64 M	Chlorobenzene	1.039	4.237	-307.8#	356#	0.00
65	1,1,1,2-Tetrachloroethane	0.385	1.526	-296.4#	367#	0.00
66 M	Ethyl Benzene	1.860	7.719	-315.0#	373#	0.00
67 M	m/p-Xylenes	0.703	2.882	-310.0#	371#	0.00
68 M	o-Xylene	0.682	2.764	-305.3#	372#	0.00
69 M	Styrene	1.159	4.663	-302.3#	386#	0.00
70	Isopropylbenzene	1.818	7.473	-311.1#	372#	0.00
71 M	1,1,2,2-Tetrachloroethane	0.629	2.594	-312.4#	367#	0.00
72	1,2,3-Trichloropropane	0.587	2.388	-306.8#	357#	0.00
73	Bromobenzene	0.463	1.842	-297.8#	356#	0.00
74	n-propylbenzene	2.102	8.571	-307.8#	377#	0.00
75	2-Chlorotoluene	1.276	5.238	-310.5#	368#	0.00
76	1,3,5-Trimethylbenzene	1.541	6.306	-309.2#	378#	0.00
77	t-1,4-Dichloro-2-butene	0.212	0.782	-268.9#	401#	0.00
78	4-Chlorotoluene	1.475	5.982	-305.6#	369#	0.00
79	tert-butylbenzene	1.508	6.166	-308.9#	380#	0.00
80	1,2,4-Trimethylbenzene	1.547	6.271	-305.4#	373#	0.00
81	sec-Butylbenzene	1.746	7.058	-304.2#	380#	0.00
82	p-Isopropyltoluene	1.600	6.430	-301.9#	376#	0.00
83 M	1,3-Dichlorobenzene	0.834	3.320	-298.1#	360#	0.00
84 M	1,4-Dichlorobenzene	0.839	3.384	-303.3#	367#	0.00
85	n-Butylbenzene	1.407	5.566	-295.6#	395#	0.00
86 T	Hexachloroethane	0.282	1.066	-278.0#	376#	0.00
87 M	1,2-Dichlorobenzene	0.820	3.311	-303.8#	358#	0.00
88	1,2-Dibromo-3-Chloropropane	0.137	0.534	-289.8#	365#	0.00
89	1,2,4-Trichlorobenzene	0.541	2.125	-292.8#	384#	0.00
90	Hexachlorobutadiene	0.237	1.005	-324.1#	361#	0.00
91 M	Naphthalene	1.772	6.975	-293.6#	403#	0.00
92	1,2,3-Trichlorobenzene	0.531	2.108	-297.0#	383#	0.00

(#) = Out of Range

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