

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	AvgRF	CCRF	%Dev	Area%	Dev(min)
1 I	Bromochloromethane	1.000	1.000	0.0	92	0.00
2 M	Dichlorodifluoromethane	1.772	1.886	-6.4	102	0.00
3 M	Chloromethane	1.999	1.976	1.2	94	0.00
4 M	Vinyl Chloride	2.000	2.021	-1.0	99	0.00
5 M	Bromomethane	1.173	1.440	-22.8	104	0.00
6 M	Chloroethane	1.252	1.296	-3.5	103	0.00
7 M	Trichlorofluoromethane	3.229	3.324	-2.9	101	0.00
8 T	Diethyl Ether	1.151	1.145	0.5	98	0.00
9	1,1,2-Trichlorotrifluoroeth	1.804	1.943	-7.7	105	0.00
10 M	1,1-Dichloroethene	1.738	1.773	-2.0	101	0.00
11	Methyl Iodide	2.442	2.476	-1.4	106	0.00
12	Methyl Acetate	2.592	2.696	-4.0	101	0.00
13 M	Acrolein	0.285	0.249	12.6	92	0.00
14 M	Acrylonitrile	1.147	1.144	0.3	96	0.00
15 M	Acetone	0.348	0.383	-10.1	92	0.00
16 M	Carbon Disulfide	4.288	4.187	2.4	100	0.00
17	Allyl chloride	3.212	3.208	0.1	100	0.00
18 M	Methylene Chloride	2.044	2.106	-3.0	101	0.00
19 M	trans-1,2-Dichloroethene	1.860	1.911	-2.7	103	0.00
20 T	Diisopropyl ether	6.413	6.505	-1.4	99	0.00
21 M	1,1-Dichloroethane	3.493	3.586	-2.7	102	0.00
22 M	cis-1,2-Dichloroethene	2.165	2.218	-2.4	101	0.00
23 M	tert-Butyl Alcohol	0.520	0.504	3.1	92	0.00
24 M	Methyl tert-Butyl Ether	6.097	6.230	-2.2	101	0.00
25 M	Chloroform	3.583	3.766	-5.1	104	0.00
26	Cyclohexane	3.172	3.219	-1.5	100	0.00
27 s	1,2-Dichloroethane-d4	2.320	2.410	-3.9	98	0.00
28 I	1,4-Difluorobenzene	1.000	1.000	0.0	95	0.00
29	1,1-Dichloropropene	0.467	0.491	-5.1	107	0.00
30 M	2-Butanone	0.313	0.350	-11.8	103	0.00
31	2,2-Dichloropropane	0.528	0.555	-5.1	104	0.00
32 M	1,1,1-Trichloroethane	0.565	0.590	-4.4	103	0.00
33 M	Carbon Tetrachloride	0.492	0.520	-5.7	106	0.00
34 M	Benzene	1.409	1.449	-2.8	100	0.00
35	Methacrylonitrile	0.315	0.315	0.0	101	0.00
36 M	1,2-Dichloroethane	0.538	0.576	-7.1	105	0.00
37 M	Trichloroethene	0.383	0.392	-2.3	103	0.00
38	Methylcyclohexane	0.594	0.617	-3.9	105	0.00
39 M	1,2-Dichloropropane	0.369	0.382	-3.5	102	0.00
40	Dibromomethane	0.261	0.274	-5.0	103	0.00
41 M	Bromodichloromethane	0.475	0.497	-4.6	107	0.00
42 M	Vinyl Acetate	1.020	1.043	-2.3	100	0.00
43	Ethyl Acetate	0.581	0.582	-0.2	96	0.00
44	Isopropyl Acetate	0.925	0.928	-0.3	100	0.00
45 T	1,4-Dioxane	0.010	0.010	0.0	92	0.00
46	Methyl methacrylate	0.446	0.455	-2.0	102	0.00
47	n-amyl Acetate	0.787	0.800	-1.7	103	0.00
48 M	t-1,3-Dichloropropene	0.554	0.560	-1.1	104	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
49 T	cis-1,3-Dichloropropene	0.588	0.592	-0.7	102	0.00
50 M	1,1,2-Trichloroethane	0.378	0.395	-4.5	104	0.00
51	Ethyl methacrylate	0.595	0.598	-0.5	104	0.00
52	1,3-Dichloropropane	0.620	0.649	-4.7	103	0.00
53 M	Dibromochloromethane	0.380	0.390	-2.6	108	0.00
54 M	1,2-Dibromoethane	0.400	0.421	-5.2	105	0.00
55 M	2-Chloroethyl vinyl ether	0.297	0.256	13.8	86	0.00
56 M	Bromoform	0.272	0.270	0.7	104	0.00
57 I	Chlorobenzene-d5	1.000	1.000	0.0	97	0.00
58 M	4-Methyl-2-Pentanone	0.647	0.675	-4.3	100	0.00
59 M	2-Hexanone	0.502	0.569	-13.3	106	0.00
60 S	4-Bromofluorobenzene	0.491	0.497	-1.2	101	0.00
61 M	Tetrachloroethene	0.403	0.437	-8.4	106	0.00
62 M	Toluene	1.692	1.750	-3.4	102	0.00
63 S	Toluene-d8	1.350	1.354	-0.3	96	0.00
64 M	Chlorobenzene	1.071	1.106	-3.3	103	0.00
65	1,1,1,2-Tetrachloroethane	0.396	0.403	-1.8	104	0.00
66 M	Ethyl Benzene	1.873	1.951	-4.2	106	0.00
67 M	m/p-Xylenes	0.724	0.750	-3.6	104	0.00
68 M	o-Xylene	0.714	0.731	-2.4	104	0.00
69 M	Styrene	1.177	1.208	-2.6	105	0.00
70	Isopropylbenzene	1.878	1.970	-4.9	107	0.00
71 M	1,1,2,2-Tetrachloroethane	0.601	0.633	-5.3	103	0.00
72	1,2,3-Trichloropropane	0.565	0.597	-5.7	101	0.00
73	Bromobenzene	0.457	0.472	-3.3	105	0.00
74	n-propylbenzene	2.174	2.286	-5.2	108	0.00
75	2-Chlorotoluene	1.298	1.362	-4.9	108	0.00
76	1,3,5-Trimethylbenzene	1.557	1.646	-5.7	108	0.00
77	t-1,4-Dichloro-2-butene	0.202	0.193	4.5	100	0.00
78	4-Chlorotoluene	1.466	1.553	-5.9	110	0.00
79	tert-butylbenzene	1.513	1.583	-4.6	108	0.00
80	1,2,4-Trimethylbenzene	1.543	1.650	-6.9	107	0.00
81	sec-Butylbenzene	1.937	2.038	-5.2	108	0.00
82	p-Isopropyltoluene	1.592	1.697	-6.6	110	0.00
83 M	1,3-Dichlorobenzene	0.828	0.859	-3.7	107	0.00
84 M	1,4-Dichlorobenzene	0.818	0.858	-4.9	109	0.00
85	n-Butylbenzene	1.408	1.505	-6.9	113	0.00
86 T	Hexachloroethane	0.259	0.257	0.8	109	0.00
87 M	1,2-Dichlorobenzene	0.799	0.840	-5.1	107	0.00
88	1,2-Dibromo-3-Chloropropane	0.132	0.126	4.5	106	0.00
89	1,2,4-Trichlorobenzene	0.494	0.502	-1.6	109	0.00
90	Hexachlorobutadiene	0.222	0.243	-9.5	113	0.00
91 M	Naphthalene	1.697	1.666	1.8	103	0.00
92	1,2,3-Trichlorobenzene	0.497	0.505	-1.6	108	0.00

(#) = Out of Range

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