

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX080921\
 Data File : VX023602.D
 Acq On : 09 Aug 2021 09:33
 Operator : JC/MD
 Sample : VSTDCCC020
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 LabSampleId :
 VSTDCCC020

Quant Time: Aug 10 03:57:10 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	115	0.00
2 M	Dichlorodifluoromethane	1.772	1.886	-6.4	127	0.00
3 M	Chloromethane	1.999	2.105	-5.3	124	0.00
4 M	Vinyl Chloride	2.000	2.076	-3.8	127	0.00
5 M	Bromomethane	1.173	1.395	-18.9	125	0.00
6 M	Chloroethane	1.252	1.257	-0.4	123	0.00
7 M	Trichlorofluoromethane	3.229	3.401	-5.3	128	0.00
8 T	Diethyl Ether	1.151	1.149	0.2	123	0.00
9	1,1,2-Trichlorotrifluoroeth	1.804	1.980	-9.8	133	0.00
10 M	1,1-Dichloroethene	1.738	1.817	-4.5	129	0.00
11	Methyl Iodide	2.442	2.437	0.2	129	0.00
12	Methyl Acetate	2.592	2.647	-2.1	123	0.00
13 M	Acrolein	0.285	0.263	7.7	121	0.00
14 M	Acrylonitrile	1.147	1.147	0.0	120	0.00
15 M	Acetone	0.348	0.511	-46.8#	153#	0.00
16 M	Carbon Disulfide	4.288	4.388	-2.3	131	0.00
17	Allyl chloride	3.212	3.321	-3.4	128	0.00
18 M	Methylene Chloride	2.044	2.121	-3.8	127	0.00
19 M	trans-1,2-Dichloroethene	1.860	1.924	-3.4	128	0.00
20 T	Diisopropyl ether	6.413	6.733	-5.0	127	0.00
21 M	1,1-Dichloroethane	3.493	3.669	-5.0	129	0.00
22 M	cis-1,2-Dichloroethene	2.165	2.262	-4.5	128	0.00
23 M	tert-Butyl Alcohol	0.520	0.515	1.0	117	0.00
24 M	Methyl tert-Butyl Ether	6.097	6.426	-5.4	129	0.00
25 M	Chloroform	3.583	3.799	-6.0	131	0.00
26	Cyclohexane	3.172	3.321	-4.7	128	-0.01
27 s	1,2-Dichloroethane-d4	2.320	2.404	-3.6	121	0.00
28 I	1,4-Difluorobenzene	1.000	1.000	0.0	120	0.00
29	1,1-Dichloropropene	0.467	0.492	-5.4	136	0.00
30 M	2-Butanone	0.313	0.358	-14.4	134	0.00
31	2,2-Dichloropropane	0.528	0.561	-6.3	132	0.00
32 M	1,1,1-Trichloroethane	0.565	0.584	-3.4	129	0.00
33 M	Carbon Tetrachloride	0.492	0.514	-4.5	132	0.00
34 M	Benzene	1.409	1.438	-2.1	126	0.00
35	Methacrylonitrile	0.315	0.307	2.5	125	0.00
36 M	1,2-Dichloroethane	0.538	0.556	-3.3	128	0.00
37 M	Trichloroethene	0.383	0.398	-3.9	132	0.00
38	Methylcyclohexane	0.594	0.613	-3.2	132	0.00
39 M	1,2-Dichloropropane	0.369	0.379	-2.7	128	0.00
40	Dibromomethane	0.261	0.268	-2.7	128	0.00
41 M	Bromodichloromethane	0.475	0.490	-3.2	134	0.00
42 M	Vinyl Acetate	1.020	1.053	-3.2	128	0.00
43	Ethyl Acetate	0.581	0.583	-0.3	122	0.00
44	Isopropyl Acetate	0.925	0.920	0.5	126	0.00
45 T	1,4-Dioxane	0.010	0.010	0.0	118	0.00
46	Methyl methacrylate	0.446	0.440	1.3	124	0.00
47	n-amyl Acetate	0.787	0.808	-2.7	131	0.00
48 M	t-1,3-Dichloropropene	0.554	0.561	-1.3	133	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
49 T	cis-1,3-Dichloropropene	0.588	0.594	-1.0	129	0.00
50 M	1,1,2-Trichloroethane	0.378	0.381	-0.8	127	0.00
51	Ethyl methacrylate	0.595	0.583	2.0	129	0.00
52	1,3-Dichloropropane	0.620	0.635	-2.4	128	0.00
53 M	Dibromochloromethane	0.380	0.381	-0.3	134	0.00
54 M	1,2-Dibromoethane	0.400	0.396	1.0	125	0.00
55 M	2-Chloroethyl vinyl ether	0.297	0.263	11.4	112	0.00
56 M	Bromoform	0.272	0.275	-1.1	134	0.00
57 I	Chlorobenzene-d5	1.000	1.000	0.0	120	0.00
58 M	4-Methyl-2-Pentanone	0.647	0.656	-1.4	120	0.00
59 M	2-Hexanone	0.502	0.563	-12.2	130	0.00
60 S	4-Bromofluorobenzene	0.491	0.508	-3.5	127	0.00
61 M	Tetrachloroethene	0.403	0.435	-7.9	129	0.00
62 M	Toluene	1.692	1.779	-5.1	128	0.00
63 S	Toluene-d8	1.350	1.372	-1.6	119	0.00
64 M	Chlorobenzene	1.071	1.124	-4.9	129	0.00
65	1,1,1,2-Tetrachloroethane	0.396	0.399	-0.8	127	0.00
66 M	Ethyl Benzene	1.873	1.971	-5.2	132	0.00
67 M	m/p-Xylenes	0.724	0.761	-5.1	130	0.00
68 M	o-Xylene	0.714	0.750	-5.0	131	0.00
69 M	Styrene	1.177	1.239	-5.3	134	0.00
70	Isopropylbenzene	1.878	1.982	-5.5	133	0.00
71 M	1,1,2,2-Tetrachloroethane	0.601	0.659	-9.7	133	0.00
72	1,2,3-Trichloropropane	0.565	0.622	-10.1	130	0.00
73	Bromobenzene	0.457	0.497	-8.8	136	0.00
74	n-propylbenzene	2.174	2.330	-7.2	136	0.00
75	2-Chlorotoluene	1.298	1.414	-8.9	138	0.00
76	1,3,5-Trimethylbenzene	1.557	1.670	-7.3	135	0.00
77	t-1,4-Dichloro-2-butene	0.202	0.212	-5.0	135	0.00
78	4-Chlorotoluene	1.466	1.580	-7.8	138	0.00
79	tert-butylbenzene	1.513	1.611	-6.5	135	0.00
80	1,2,4-Trimethylbenzene	1.543	1.648	-6.8	132	0.00
81	sec-Butylbenzene	1.937	2.078	-7.3	136	0.00
82	p-Isopropyltoluene	1.592	1.725	-8.4	138	0.00
83 M	1,3-Dichlorobenzene	0.828	0.906	-9.4	139	0.00
84 M	1,4-Dichlorobenzene	0.818	0.895	-9.4	140	0.00
85	n-Butylbenzene	1.408	1.522	-8.1	141	0.00
86 T	Hexachloroethane	0.259	0.283	-9.3	148	0.00
87 M	1,2-Dichlorobenzene	0.799	0.864	-8.1	135	0.00
88	1,2-Dibromo-3-Chloropropane	0.132	0.134	-1.5	139	0.00
89	1,2,4-Trichlorobenzene	0.494	0.521	-5.5	140	0.00
90	Hexachlorobutadiene	0.222	0.240	-8.1	138	0.00
91 M	Naphthalene	1.697	1.729	-1.9	132	0.00
92	1,2,3-Trichlorobenzene	0.497	0.521	-4.8	137	0.00

(#) = Out of Range

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