

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX031921\
 Data File : VX021282.D
 Acq On : 18 Mar 2021 16:55
 Operator : JC/MD
 Sample : VSTDCCC020
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 LabSampleId :
 VSTDCCC020

Quant Time: Mar 19 02:51:11 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\624X031221W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Fri Mar 12 12:55:27 2021
 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	117	0.00
2 M	Dichlorodifluoromethane	1.969	2.084	-5.8	134	0.00
3 M	Chloromethane	2.049	2.921	-42.6#	178#	0.00
4 M	Vinyl Chloride	2.048	2.050	-0.1	128	0.00
5 M	Bromomethane	1.216	1.049	13.7	106	0.00
6 M	Chloroethane	1.265	1.283	-1.4	131	-0.01
7 M	Trichlorofluoromethane	3.193	3.345	-4.8	131	-0.01
8 T	Diethyl Ether	1.076	1.141	-6.0	133	0.00
9	1,1,2-Trichlorotrifluoroeth	1.720	1.886	-9.7	142	-0.01
10 M	1,1-Dichloroethene	1.663	1.780	-7.0	138	0.00
11	Methyl Iodide	2.200	1.366	37.9#	82	0.00
12	Methyl Acetate	2.807	3.188	-13.6	139	0.00
13 M	Acrolein	0.355	0.413	-16.3	159#	0.00
14 M	Acrylonitrile	1.055	1.156	-9.6	136	0.00
15 M	Acetone	0.283	0.269	4.9	123	0.00
16 M	Carbon Disulfide	4.882	4.955	-1.5	130	0.00
17	Allyl chloride	3.532	3.639	-3.0	133	0.00
18 M	Methylene Chloride	2.018	2.180	-8.0	136	0.00
19 M	trans-1,2-Dichloroethene	1.846	1.955	-5.9	135	0.00
20 T	Diisopropyl ether	6.877	7.232	-5.2	133	0.00
21 M	1,1-Dichloroethane	3.667	3.872	-5.6	133	0.00
22 M	cis-1,2-Dichloroethene	2.146	2.284	-6.4	135	0.00
23 M	tert-Butyl Alcohol	0.469	0.476	-1.5	127	0.01
24 M	Methyl tert-Butyl Ether	6.349	6.959	-9.6	138	0.00
25 M	Chloroform	3.822	4.096	-7.2	135	0.00
26	Cyclohexane	3.256	3.447	-5.9	134	0.00
27 s	1,2-Dichloroethane-d4	2.761	2.822	-2.2	122	0.00
28 I	1,4-Difluorobenzene	1.000	1.000	0.0	128	0.00
29	1,1-Dichloropropene	0.500	0.496	0.8	136	0.00
30 M	2-Butanone	0.279	0.277	0.7	134	0.00
31	2,2-Dichloropropane	0.561	0.576	-2.7	139	0.00
32 M	1,1,1-Trichloroethane	0.610	0.605	0.8	136	0.00
33 M	Carbon Tetrachloride	0.535	0.529	1.1	134	0.00
34 M	Benzene	1.433	1.422	0.8	134	0.00
35	Methacrylonitrile	0.318	0.325	-2.2	138	-0.01
36 M	1,2-Dichloroethane	0.618	0.620	-0.3	132	0.00
37 M	Trichloroethene	0.375	0.361	3.7	131	0.00
38	Methylcyclohexane	0.565	0.594	-5.1	145	0.00
39 M	1,2-Dichloropropane	0.389	0.382	1.8	133	0.00
40	Dibromomethane	0.275	0.275	0.0	136	0.00
41 M	Bromodichloromethane	0.575	0.575	0.0	135	0.00
42 M	Vinyl Acetate	1.057	1.045	1.1	134	0.00
43	Ethyl Acetate	0.558	0.542	2.9	132	0.00
44	Isopropyl Acetate	0.928	0.944	-1.7	140	0.00
45 T	1,4-Dioxane	0.009	0.009#	0.0	131	0.00
46	Methyl methacrylate	0.498	0.495	0.6	137	0.00
47	n-amyl Acetate	0.811	0.799	1.5	131	0.00
48 M	t-1,3-Dichloropropene	0.592	0.585	1.2	138	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
49 T	cis-1,3-Dichloropropene	0.630	0.624	1.0	137	0.00
50 M	1,1,2-Trichloroethane	0.368	0.362	1.6	135	0.00
51	Ethyl methacrylate	0.583	0.577	1.0	134	0.00
52	1,3-Dichloropropane	0.640	0.640	0.0	135	0.00
53 M	Dibromochloromethane	0.425	0.407	4.2	132	0.00
54 M	1,2-Dibromoethane	0.389	0.388	0.3	136	0.00
55 M	2-Chloroethyl vinyl ether	0.307	0.288	6.2	125	0.00
56 M	Bromoform	0.300	0.286	4.7	133	0.00
57 I	Chlorobenzene-d5	1.000	1.000	0.0	125	0.00
58 M	4-Methyl-2-Pentanone	0.607	0.631	-4.0	133	0.00
59 M	2-Hexanone	0.458	0.466	-1.7	132	0.00
60 S	4-Bromofluorobenzene	0.549	0.532	3.1	120	0.00
61 M	Tetrachloroethene	0.389	0.364	6.4	128	0.00
62 M	Toluene	1.663	1.692	-1.7	134	0.00
63 S	Toluene-d8	1.361	1.339	1.6	121	0.00
64 M	Chlorobenzene	1.028	1.022	0.6	133	0.00
65	1,1,1,2-Tetrachloroethane	0.390	0.395	-1.3	134	0.00
66 M	Ethyl Benzene	1.913	1.930	-0.9	135	0.00
67 M	m/p-Xylenes	0.689	0.694	-0.7	132	0.00
68 M	o-Xylene	0.667	0.666	0.1	131	0.00
69 M	Styrene	1.131	1.111	1.8	131	0.00
70	Isopropylbenzene	1.823	1.836	-0.7	134	0.00
71 M	1,1,2,2-Tetrachloroethane	0.578	0.611	-5.7	141	0.00
72	1,2,3-Trichloropropane	0.588	0.598	-1.7	131	0.00
73	Bromobenzene	0.432	0.438	-1.4	133	0.00
74	n-propylbenzene	2.164	2.207	-2.0	137	0.00
75	2-Chlorotoluene	1.303	1.307	-0.3	132	0.00
76	1,3,5-Trimethylbenzene	1.550	1.568	-1.2	134	0.00
77	t-1,4-Dichloro-2-butene	0.193	0.187	3.1	135	0.00
78	4-Chlorotoluene	1.518	1.535	-1.1	133	0.00
79	tert-butylbenzene	1.436	1.476	-2.8	136	0.00
80	1,2,4-Trimethylbenzene	1.557	1.586	-1.9	135	0.00
81	sec-Butylbenzene	1.730	1.778	-2.8	135	0.00
82	p-Isopropyltoluene	1.572	1.605	-2.1	137	0.00
83 M	1,3-Dichlorobenzene	0.773	0.791	-2.3	133	0.00
84 M	1,4-Dichlorobenzene	0.776	0.795	-2.4	133	0.00
85	n-Butylbenzene	1.457	1.501	-3.0	140	0.00
86 T	Hexachloroethane	0.290	0.279	3.8	128	0.00
87 M	1,2-Dichlorobenzene	0.758	0.781	-3.0	136	0.00
88	1,2-Dibromo-3-Chloropropane	0.144	0.152	-5.6	141	0.00
89	1,2,4-Trichlorobenzene	0.477	0.495	-3.8	139	0.00
90	Hexachlorobutadiene	0.208	0.223	-7.2	155#	0.00
91 M	Naphthalene	1.541	1.710	-11.0	152#	0.00
92	1,2,3-Trichlorobenzene	0.464	0.487	-5.0	142	0.00

(#) = Out of Range

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