

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX110421\
 Data File : VX025070.D
 Acq On : 04 Nov 2021 12:04
 Operator : JC/MD
 Sample : VSTDCCC020
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_X
 LabSampleId :
 VSTDCCC020

Quant Time: Nov 07 00:00:21 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\624X110421W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Wed Nov 03 23:52:56 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	123	-0.01
2 M	Dichlorodifluoromethane	2.297	2.318	-0.9	118	0.00
3 M	Chloromethane	1.207	1.096	9.2	100	0.00
4 M	Vinyl Chloride	1.384	1.367	1.2	117	0.00
5 M	Bromomethane	1.136	1.078	5.1	103	0.00
6 M	Chloroethane	0.780	0.744	4.6	103	0.00
7 M	Trichlorofluoromethane	3.340	3.369	-0.9	118	0.00
8 T	Diethyl Ether	0.792	0.792	0.0	118	0.00
9	1,1,2-Trichlorotrifluoroeth	1.742	1.866	-7.1	132	0.00
10 M	1,1-Dichloroethene	1.478	1.520	-2.8	121	0.00
11	Methyl Iodide	1.536	1.800	-17.2	162#	0.00
12	Methyl Acetate	3.104	2.972	4.3	112	0.00
13 M	Acrolein	0.141	0.139	1.4	131	0.00
14 M	Acrylonitrile	0.874	0.862	1.4	113	0.00
15 M	Acetone	0.267	0.306	-14.6	128	0.00
16 M	Carbon Disulfide	3.771	3.863	-2.4	124	0.00
17	Allyl chloride	2.357	2.501	-6.1	128	0.00
18 M	Methylene Chloride	1.729	1.766	-2.1	116	0.00
19 M	trans-1,2-Dichloroethene	1.624	1.669	-2.8	122	0.00
20 T	Diisopropyl ether	5.099	5.309	-4.1	120	0.00
21 M	1,1-Dichloroethane	3.384	3.426	-1.2	117	0.00
22 M	cis-1,2-Dichloroethene	1.927	1.920	0.4	118	0.00
23 M	tert-Butyl Alcohol	0.532	0.495	7.0	104	0.00
24 M	Methyl tert-Butyl Ether	6.245	6.575	-5.3	122	0.00
25 M	Chloroform	3.923	3.901	0.6	114	-0.01
26	Cyclohexane	2.699	3.082	-14.2	133	0.00
27 s	1,2-Dichloroethane-d4	2.863	3.214	-12.3	140	0.00
28 I	1,4-Difluorobenzene	1.000	1.000	0.0	128	0.00
29	1,1-Dichloropropene	0.482	0.532	-10.4	130	0.00
30 M	2-Butanone	0.243	0.239	1.6	115	0.00
31	2,2-Dichloropropane	0.613	0.653	-6.5	126	0.00
32 M	1,1,1-Trichloroethane	0.694	0.650	6.3	116	0.00
33 M	Carbon Tetrachloride	0.609	0.605	0.7	123	0.00
34 M	Benzene	1.230	1.233	-0.2	122	0.00
35	Methacrylonitrile	0.240	0.272	-13.3	137	-0.08
36 M	1,2-Dichloroethane	0.596	0.576	3.4	117	0.00
37 M	Trichloroethene	0.344	0.353	-2.6	131	0.00
38	Methylcyclohexane	0.518	0.549	-6.0	130	0.00
39 M	1,2-Dichloropropane	0.336	0.324	3.6	124	0.00
40	Dibromomethane	0.262	0.263	-0.4	125	0.00
41 M	Bromodichloromethane	0.555	0.528	4.9	119	0.00
42 M	Vinyl Acetate	0.728	0.716	1.6	117	0.00
43	Ethyl Acetate	0.466	0.461	1.1	118	0.00
44	Isopropyl Acetate	0.729	0.686	5.9	117	0.00
45 T	1,4-Dioxane	0.008	0.007	12.5	104	0.00
46	Methyl methacrylate	0.357	0.330	7.6	112	0.00
47	n-amyl Acetate	0.588	0.552	6.1	117	0.00
48 M	t-1,3-Dichloropropene	0.598	0.582	2.7	122	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
49 T	cis-1,3-Dichloropropene	0.597	0.571	4.4	119	0.00
50 M	1,1,2-Trichloroethane	0.354	0.342	3.4	120	0.00
51	Ethyl methacrylate	0.571	0.547	4.2	120	0.00
52	1,3-Dichloropropane	0.605	0.600	0.8	120	0.00
53 M	Dibromochloromethane	0.404	0.396	2.0	124	0.00
54 M	1,2-Dibromoethane	0.396	0.376	5.1	118	0.00
55 M	2-Chloroethyl vinyl ether	0.254	0.245	3.5	124	0.00
56 M	Bromoform	0.268	0.255	4.9	123	0.00
57 I	Chlorobenzene-d5	1.000	1.000	0.0	124	0.00
58 M	4-Methyl-2-Pentanone	0.506	0.498	1.6	111	0.00
59 M	2-Hexanone	0.389	0.395	-1.5	115	0.00
60 S	4-Bromofluorobenzene	0.547	0.558	-2.0	124	0.00
61 M	Tetrachloroethene	0.352	0.377	-7.1	128	0.00
62 M	Toluene	1.535	1.588	-3.5	121	0.00
63 S	Toluene-d8	1.386	1.416	-2.2	125	0.00
64 M	Chlorobenzene	0.927	0.949	-2.4	120	0.00
65	1,1,1,2-Tetrachloroethane	0.414	0.417	-0.7	115	0.00
66 M	Ethyl Benzene	1.814	1.897	-4.6	121	0.00
67 M	m/p-Xylenes	0.624	0.653	-4.6	124	0.00
68 M	o-Xylene	0.609	0.629	-3.3	120	0.00
69 M	Styrene	1.035	1.096	-5.9	127	0.00
70	Isopropylbenzene	1.770	1.899	-7.3	125	0.00
71 M	1,1,2,2-Tetrachloroethane	0.584	0.592	-1.4	117	0.00
72	1,2,3-Trichloropropane	0.566	0.577	-1.9	117	0.00
73	Bromobenzene	0.396	0.410	-3.5	124	0.00
74	n-propylbenzene	2.099	2.198	-4.7	121	0.00
75	2-Chlorotoluene	1.316	1.372	-4.3	123	0.00
76	1,3,5-Trimethylbenzene	1.544	1.621	-5.0	122	0.00
77	t-1,4-Dichloro-2-butene	0.191	0.186	2.6	121	0.00
78	4-Chlorotoluene	1.502	1.537	-2.3	118	0.00
79	tert-butylbenzene	1.455	1.529	-5.1	121	0.00
80	1,2,4-Trimethylbenzene	1.518	1.557	-2.6	117	0.00
81	sec-Butylbenzene	1.810	1.978	-9.3	126	0.00
82	p-Isopropyltoluene	1.501	1.587	-5.7	122	0.00
83 M	1,3-Dichlorobenzene	0.736	0.743	-1.0	120	0.00
84 M	1,4-Dichlorobenzene	0.733	0.713	2.7	117	0.00
85	n-Butylbenzene	1.369	1.370	-0.1	118	0.00
86 T	Hexachloroethane	0.268	0.275	-2.6	125	0.00
87 M	1,2-Dichlorobenzene	0.724	0.664	8.3	106	0.00
88	1,2-Dibromo-3-Chloropropane	0.160	0.161	-0.6	122	0.00
89	1,2,4-Trichlorobenzene	0.439	0.476	-8.4	126	0.00
90	Hexachlorobutadiene	0.222	0.239	-7.7	129	0.00
91 M	Naphthalene	1.499	1.496	0.2	117	0.00
92	1,2,3-Trichlorobenzene	0.447	0.462	-3.4	122	0.00

(#) = Out of Range

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