

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX110421\
 Data File : VX025068.D
 Acq On : 03 Nov 2021 23:36
 Operator : JC/MD
 Sample : VSTDCCC020
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_X
 LabSampleId :
 VSTDCCC020

Quant Time: Nov 04 00:10:51 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	107	0.00
2 M	Dichlorodifluoromethane	2.297	2.369	-3.1	105	0.00
3 M	Chloromethane	1.207	1.139	5.6	90	0.00
4 M	Vinyl Chloride	1.384	1.359	1.8	101	0.00
5 M	Bromomethane	1.136	1.079	5.0	90	0.00
6 M	Chloroethane	0.780	0.798	-2.3	96	0.00
7 M	Trichlorofluoromethane	3.340	3.375	-1.0	103	0.00
8 T	Diethyl Ether	0.792	0.800	-1.0	103	0.00
9	1,1,2-Trichlorotrifluoroeth	1.742	1.761	-1.1	108	0.00
10 M	1,1-Dichloroethene	1.478	1.463	1.0	101	0.00
11	Methyl Iodide	1.536	1.826	-18.9	142	0.00
12	Methyl Acetate	3.104	3.053	1.6	100	0.00
13 M	Acrolein	0.141	0.132	6.4	108	0.00
14 M	Acrylonitrile	0.874	0.832	4.8	95	0.00
15 M	Acetone	0.267	0.227	15.0	83	0.00
16 M	Carbon Disulfide	3.771	3.794	-0.6	106	0.00
17	Allyl chloride	2.357	2.309	2.0	102	0.00
18 M	Methylene Chloride	1.729	1.724	0.3	99	0.00
19 M	trans-1,2-Dichloroethene	1.624	1.616	0.5	102	0.00
20 T	Diisopropyl ether	5.099	5.198	-1.9	102	0.00
21 M	1,1-Dichloroethane	3.384	3.495	-3.3	104	0.00
22 M	cis-1,2-Dichloroethene	1.927	1.965	-2.0	105	0.00
23 M	tert-Butyl Alcohol	0.532	0.478	10.2	87	0.00
24 M	Methyl tert-Butyl Ether	6.245	6.451	-3.3	104	0.00
25 M	Chloroform	3.923	3.983	-1.5	101	0.00
26	Cyclohexane	2.699	2.705	-0.2	102	0.00
27 s	1,2-Dichloroethane-d4	2.863	2.830	1.2	107	0.00
28 I	1,4-Difluorobenzene	1.000	1.000	0.0	109	0.00
29	1,1-Dichloropropene	0.482	0.488	-1.2	101	0.01
30 M	2-Butanone	0.243	0.250	-2.9	102	0.00
31	2,2-Dichloropropane	0.613	0.584	4.7	96	0.00
32 M	1,1,1-Trichloroethane	0.694	0.690	0.6	104	0.00
33 M	Carbon Tetrachloride	0.609	0.617	-1.3	107	0.00
34 M	Benzene	1.230	1.235	-0.4	103	0.00
35	Methacrylonitrile	0.240	0.227	5.4	97	-0.07
36 M	1,2-Dichloroethane	0.596	0.588	1.3	101	0.00
37 M	Trichloroethene	0.344	0.357	-3.8	113	0.00
38	Methylcyclohexane	0.518	0.526	-1.5	105	0.00
39 M	1,2-Dichloropropane	0.336	0.340	-1.2	110	0.00
40	Dibromomethane	0.262	0.268	-2.3	108	0.00
41 M	Bromodichloromethane	0.555	0.553	0.4	105	0.00
42 M	Vinyl Acetate	0.728	0.732	-0.5	102	0.00
43	Ethyl Acetate	0.466	0.473	-1.5	102	0.00
44	Isopropyl Acetate	0.729	0.726	0.4	105	0.00
45 T	1,4-Dioxane	0.008	0.008	0.0	101	0.00
46	Methyl methacrylate	0.357	0.348	2.5	100	0.00
47	n-amyl Acetate	0.588	0.576	2.0	103	0.00
48 M	t-1,3-Dichloropropene	0.598	0.581	2.8	103	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
49 T	cis-1,3-Dichloropropene	0.597	0.566	5.2	100	0.00
50 M	1,1,2-Trichloroethane	0.354	0.366	-3.4	109	0.00
51	Ethyl methacrylate	0.571	0.634	-11.0	118	0.00
52	1,3-Dichloropropane	0.605	0.614	-1.5	104	0.00
53 M	Dibromochloromethane	0.404	0.406	-0.5	108	0.00
54 M	1,2-Dibromoethane	0.396	0.384	3.0	102	0.00
55 M	2-Chloroethyl vinyl ether	0.254	0.207	18.5	89	0.00
56 M	Bromoform	0.268	0.270	-0.7	111	0.00
57 I	Chlorobenzene-d5	1.000	1.000	0.0	107	0.00
58 M	4-Methyl-2-Pentanone	0.506	0.518	-2.4	100	0.00
59 M	2-Hexanone	0.389	0.394	-1.3	99	0.00
60 S	4-Bromofluorobenzene	0.547	0.547	0.0	105	0.00
61 M	Tetrachloroethene	0.352	0.348	1.1	102	0.00
62 M	Toluene	1.535	1.604	-4.5	105	0.00
63 S	Toluene-d8	1.386	1.393	-0.5	106	0.00
64 M	Chlorobenzene	0.927	0.962	-3.8	105	0.00
65	1,1,1,2-Tetrachloroethane	0.414	0.434	-4.8	104	0.00
66 M	Ethyl Benzene	1.814	1.863	-2.7	102	0.00
67 M	m/p-Xylenes	0.624	0.659	-5.6	108	0.00
68 M	o-Xylene	0.609	0.654	-7.4	107	0.00
69 M	Styrene	1.035	1.081	-4.4	108	0.00
70	Isopropylbenzene	1.770	1.814	-2.5	103	0.00
71 M	1,1,2,2-Tetrachloroethane	0.584	0.604	-3.4	103	0.00
72	1,2,3-Trichloropropane	0.566	0.569	-0.5	100	0.00
73	Bromobenzene	0.396	0.428	-8.1	112	0.00
74	n-propylbenzene	2.099	2.186	-4.1	104	0.00
75	2-Chlorotoluene	1.316	1.354	-2.9	104	0.00
76	1,3,5-Trimethylbenzene	1.544	1.592	-3.1	103	0.00
77	t-1,4-Dichloro-2-butene	0.191	0.195	-2.1	109	0.00
78	4-Chlorotoluene	1.502	1.549	-3.1	103	0.00
79	tert-butylbenzene	1.455	1.567	-7.7	107	0.00
80	1,2,4-Trimethylbenzene	1.518	1.590	-4.7	103	0.00
81	sec-Butylbenzene	1.810	1.873	-3.5	103	0.00
82	p-Isopropyltoluene	1.501	1.562	-4.1	104	0.00
83 M	1,3-Dichlorobenzene	0.736	0.770	-4.6	108	0.00
84 M	1,4-Dichlorobenzene	0.733	0.776	-5.9	110	0.00
85	n-Butylbenzene	1.369	1.431	-4.5	107	0.00
86 T	Hexachloroethane	0.268	0.272	-1.5	106	0.00
87 M	1,2-Dichlorobenzene	0.724	0.766	-5.8	106	0.00
88	1,2-Dibromo-3-Chloropropane	0.160	0.156	2.5	102	0.00
89	1,2,4-Trichlorobenzene	0.439	0.451	-2.7	103	0.00
90	Hexachlorobutadiene	0.222	0.226	-1.8	105	0.00
91 M	Naphthalene	1.499	1.524	-1.7	103	0.00
92	1,2,3-Trichlorobenzene	0.447	0.471	-5.4	107	0.00

(#) = Out of Range

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