

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX110421\
 Data File : VX025079.D
 Acq On : 04 Nov 2021 19:18
 Operator : JC/MD
 Sample : VSTDCCC020
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 MSVOA_X
 LabSampleId :
 VSTDCCC020

Quant Time: Nov 07 00:04:53 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	-0.01
2 M	Dichlorodifluoromethane	2.297	2.358	-2.7	104	0.00
3 M	Chloromethane	1.207	1.158	4.1	92	0.00
4 M	Vinyl Chloride	1.384	1.996	-44.2#	148	0.00
5 M	Bromomethane	1.136	1.748	-53.9#	146	0.00
6 M	Chloroethane	0.780	1.463	-87.6#	176#	0.00
7 M	Trichlorofluoromethane	3.340	4.732	-41.7#	145	0.00
8 T	Diethyl Ether	0.792	1.353	-70.8#	175#	0.00
9	1,1,2-Trichlorotrifluoroeth	1.742	1.634	6.2	100	0.00
10 M	1,1-Dichloroethene	1.478	1.397	5.5	97	0.00
11	Methyl Iodide	1.536	1.719	-11.9	134	0.00
12	Methyl Acetate	3.104	4.297	-38.4#	141	0.00
13 M	Acrolein	0.141	0.172	-22.0	141	0.00
14 M	Acrylonitrile	0.874	0.840	3.9	96	0.00
15 M	Acetone	0.267	0.253	5.2	92	0.00
16 M	Carbon Disulfide	3.771	3.654	3.1	102	0.00
17	Allyl chloride	2.357	3.563	-51.2#	158#	0.00
18 M	Methylene Chloride	1.729	1.963	-13.5	112	0.00
19 M	trans-1,2-Dichloroethene	1.624	1.621	0.2	103	0.00
20 T	Diisopropyl ether	5.099	5.220	-2.4	102	0.00
21 M	1,1-Dichloroethane	3.384	3.314	2.1	98	0.00
22 M	cis-1,2-Dichloroethene	1.927	1.954	-1.4	104	0.00
23 M	tert-Butyl Alcohol	0.532	0.458	13.9	84	0.00
24 M	Methyl tert-Butyl Ether	6.245	6.415	-2.7	103	0.00
25 M	Chloroform	3.923	3.921	0.1	100	0.00
26	Cyclohexane	2.699	2.701	-0.1	102	0.00
27 s	1,2-Dichloroethane-d4	2.863	2.702	5.6	102	0.00
28 I	1,4-Difluorobenzene	1.000	1.000	0.0	104	0.00
29	1,1-Dichloropropene	0.482	0.497	-3.1	99	0.00
30 M	2-Butanone	0.243	0.238	2.1	93	0.00
31	2,2-Dichloropropane	0.613	0.616	-0.5	96	0.00
32 M	1,1,1-Trichloroethane	0.694	0.739	-6.5	107	0.00
33 M	Carbon Tetrachloride	0.609	0.650	-6.7	108	0.00
34 M	Benzene	1.230	1.300	-5.7	104	0.00
35	Methacrylonitrile	0.240	0.247	-2.9	101	-0.09
36 M	1,2-Dichloroethane	0.596	0.662	-11.1	109	0.00
37 M	Trichloroethene	0.344	0.273	20.6	82	0.00
38	Methylcyclohexane	0.518	0.415	19.9	80	0.00
39 M	1,2-Dichloropropane	0.336	0.295	12.2	91	0.00
40	Dibromomethane	0.262	0.215	17.9	83	0.00
41 M	Bromodichloromethane	0.555	0.454	18.2	83	0.00
42 M	Vinyl Acetate	0.728	0.727	0.1	97	0.00
43	Ethyl Acetate	0.466	0.449	3.6	93	0.00
44	Isopropyl Acetate	0.729	1.103	-51.3#	152#	0.00
45 T	1,4-Dioxane	0.008	0.006	25.0	80	-0.01
46	Methyl methacrylate	0.357	0.383	-7.3	105	0.00
47	n-amyl Acetate	0.588	0.700	-19.0	120	0.00
48 M	t-1,3-Dichloropropene	0.598	0.500	16.4	85	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
49 T	cis-1,3-Dichloropropene	0.597	0.480	19.6	81	0.00
50 M	1,1,2-Trichloroethane	0.354	0.279	21.2	80	0.00
51	Ethyl methacrylate	0.571	0.469	17.9	83	0.00
52	1,3-Dichloropropane	0.605	0.531	12.2	86	0.00
53 M	Dibromochloromethane	0.404	0.327	19.1	83	0.00
54 M	1,2-Dibromoethane	0.396	0.314	20.7	80	0.00
55 M	2-Chloroethyl vinyl ether	0.254	0.223	12.2	91	0.00
56 M	Bromoform	0.268	0.211	21.3	83	0.00
57 I	Chlorobenzene-d5	1.000	1.000	0.0	81	0.00
58 M	4-Methyl-2-Pentanone	0.506	0.710	-40.3#	104	0.00
59 M	2-Hexanone	0.389	0.546	-40.4#	104	0.00
60 S	4-Bromofluorobenzene	0.547	0.634	-15.9	93	0.00
61 M	Tetrachloroethene	0.352	0.369	-4.8	82	0.00
62 M	Toluene	1.535	1.670	-8.8	84	0.00
63 S	Toluene-d8	1.386	1.393	-0.5	80	0.00
64 M	Chlorobenzene	0.927	1.005	-8.4	83	0.00
65	1,1,1,2-Tetrachloroethane	0.414	0.423	-2.2	77	0.00
66 M	Ethyl Benzene	1.814	1.979	-9.1	83	0.00
67 M	m/p-Xylenes	0.624	0.684	-9.6	85	0.00
68 M	o-Xylene	0.609	0.702	-15.3	88	0.00
69 M	Styrene	1.035	1.118	-8.0	85	0.00
70	Isopropylbenzene	1.770	2.042	-15.4	88	0.00
71 M	1,1,2,2-Tetrachloroethane	0.584	0.887	-51.9#	115	0.00
72	1,2,3-Trichloropropane	0.566	0.715	-26.3#	95	0.00
73	Bromobenzene	0.396	0.548	-38.4#	109	0.00
74	n-propylbenzene	2.099	2.885	-37.4#	104	0.00
75	2-Chlorotoluene	1.316	1.819	-38.2#	107	0.00
76	1,3,5-Trimethylbenzene	1.544	2.106	-36.4#	104	0.00
77	t-1,4-Dichloro-2-butene	0.191	0.211	-10.5	90	0.00
78	4-Chlorotoluene	1.502	2.037	-35.6#	103	0.00
79	tert-butylbenzene	1.455	2.094	-43.9#	109	0.00
80	1,2,4-Trimethylbenzene	1.518	2.148	-41.5#	106	0.00
81	sec-Butylbenzene	1.810	2.533	-39.9#	106	0.00
82	p-Isopropyltoluene	1.501	2.144	-42.8#	108	0.00
83 M	1,3-Dichlorobenzene	0.736	1.024	-39.1#	109	0.00
84 M	1,4-Dichlorobenzene	0.733	1.049	-43.1#	113	0.00
85	n-Butylbenzene	1.369	1.885	-37.7#	107	0.00
86 T	Hexachloroethane	0.268	0.373	-39.2#	111	0.00
87 M	1,2-Dichlorobenzene	0.724	1.002	-38.4#	105	0.00
88	1,2-Dibromo-3-Chloropropane	0.160	0.211	-31.9#	105	0.00
89	1,2,4-Trichlorobenzene	0.439	0.629	-43.3#	109	0.00
90	Hexachlorobutadiene	0.222	0.322	-45.0#	114	0.00
91 M	Naphthalene	1.499	2.030	-35.4#	104	0.00
92	1,2,3-Trichlorobenzene	0.447	0.632	-41.4#	109	0.00

(#) = Out of Range

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