

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN091923\
 Data File : VN079297.D
 Acq On : 19 Sep 2023 11:00
 Operator : JC\MD
 Sample : VSTDCCC020
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_N
 LabSampleId :
 VSTDCCC020

Quant Time: Sep 19 15:40:18 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N090723W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Fri Sep 08 05:09:17 2023
 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	1.673	1.657	1.0	122	0.00
3 M	Chloromethane	1.678	2.002	-19.3	145	0.00
4 M	Vinyl Chloride	1.660	2.217	-33.6#	164#	0.00
5 M	Bromomethane	1.019	1.223	-20.0	152#	0.00
6 M	Chloroethane	1.017	1.608	-58.1#	195#	0.01
7 M	Trichlorofluoromethane	1.976	3.073	-55.5#	192#	0.00
8 T	Diethyl Ether	0.725	1.007	-38.9#	162#	0.00
9	1,1,2-Trichlorotrifluoroeth	1.089	1.692	-55.4#	186#	0.01
10 M	1,1-Dichloroethene	1.055	1.575	-49.3#	172#	0.00
11	Methyl Iodide	1.329	1.699	-27.8#	154#	0.00
12	Methyl Acetate	2.459	3.416	-38.9#	170#	0.00
13 M	Acrolein	0.224	0.317	-41.5#	159#	0.00
14 M	Acrylonitrile	0.721	0.913	-26.6#	154#	0.00
15 M	Acetone	0.188	0.301	-60.1#	188#	-0.01
16 M	Carbon Disulfide	3.118	4.324	-38.7#	166#	0.00
17	Allyl chloride	1.696	2.252	-32.8#	151#	0.01
18 M	Methylene Chloride	1.415	1.973	-39.4#	170#	0.00
19 M	trans-1,2-Dichloroethene	1.320	1.752	-32.7#	156#	0.00
20 T	Diisopropyl ether	5.062	6.022	-19.0	117	0.00
21 M	1,1-Dichloroethane	2.965	3.654	-23.2	125	0.00
22 M	cis-1,2-Dichloroethene	2.065	2.093	-1.4	115	0.00
23 M	tert-Butyl Alcohol	0.278	0.285	-2.5	127	0.00
24 M	Methyl tert-Butyl Ether	4.165	5.245	-25.9#	147	0.00
25 M	Chloroform	3.576	3.898	-9.0	130	0.00
26	Cyclohexane	2.689	2.595	3.5	114	0.00
27 s	1,2-Dichloroethane-d4	2.254	2.631	-16.7	139	0.00
28 I	1,4-Difluorobenzene	1.000	1.000	0.0	110	0.00
29	1,1-Dichloropropene	0.481	0.513	-6.7	124	0.00
30 M	2-Butanone	0.242	0.240	0.8	107	0.00
31	2,2-Dichloropropane	0.480	0.553	-15.2	125	0.00
32 M	1,1,1-Trichloroethane	0.567	0.626	-10.4	128	0.00
33 M	Carbon Tetrachloride	0.487	0.542	-11.3	131	0.00
34 M	Benzene	1.528	1.557	-1.9	119	0.00
35	Methacrylonitrile	0.260	0.256	1.5	110	0.00
36 M	1,2-Dichloroethane	0.504	0.592	-17.5	142	0.00
37 M	Trichloroethene	0.361	0.367	-1.7	124	0.00
38	Methylcyclohexane	0.481	0.452	6.0	110	0.00
39 M	1,2-Dichloropropane	0.394	0.406	-3.0	120	0.00
40	Dibromomethane	0.260	0.282	-8.5	128	0.00
41 M	Bromodichloromethane	0.518	0.591	-14.1	133	0.00
42 M	Vinyl Acetate	0.575	0.646	-12.3	110	0.00
43	Ethyl Acetate	0.459	0.516	-12.4	116	0.00
44	Isopropyl Acetate	0.827	0.758	8.3	109	0.00
45 T	1,4-Dioxane	0.008	0.007	12.5	101	0.00
46	Methyl methacrylate	0.369	0.362	1.9	113	0.00
47	n-amyl Acetate	0.581	0.574	1.2	120	0.00
48 M	t-1,3-Dichloropropene	0.561	0.547	2.5	116	0.00

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN091923\
 Data File : VN079297.D
 Acq On : 19 Sep 2023 11:00
 Operator : JC\MD
 Sample : VSTDCCC020
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_N
 LabSampleId :
 VSTDCCC020

Quant Time: Sep 19 15:40:18 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N090723W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Fri Sep 08 05:09:17 2023
 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)
49 T	cis-1,3-Dichloropropene	0.585	0.620	-6.0	128	0.00
50 M	1,1,2-Trichloroethane	0.365	0.387	-6.0	123	0.00
51	Ethyl methacrylate	0.563	0.502	10.8	102	0.00
52	1,3-Dichloropropane	0.623	0.668	-7.2	120	0.00
53 M	Dibromochloromethane	0.383	0.390	-1.8	120	0.00
54 M	1,2-Dibromoethane	0.370	0.368	0.5	114	0.00
55 M	2-Chloroethyl vinyl ether	0.200	0.169	15.5	99	0.00
56 M	Bromoform	0.267	0.262	1.9	121	0.00
57 I	Chlorobenzene-d5	1.000	1.000	0.0	114	0.00
58 M	4-Methyl-2-Pentanone	0.551	0.534	3.1	114	0.00
59 M	2-Hexanone	0.387	0.377	2.6	109	0.00
60 S	4-Bromofluorobenzene	0.442	0.457	-3.4	114	0.00
61 M	Tetrachloroethene	0.326	0.350	-7.4	123	0.00
62 M	Toluene	1.747	1.790	-2.5	121	0.00
63 S	Toluene-d8	1.402	1.481	-5.6	121	0.00
64 M	Chlorobenzene	1.019	1.035	-1.6	122	0.00
65	1,1,1,2-Tetrachloroethane	0.390	0.409	-4.9	126	0.00
66 M	Ethyl Benzene	1.759	1.825	-3.8	120	0.00
67 M	m/p-Xylenes	0.662	0.702	-6.0	122	0.00
68 M	o-Xylene	0.638	0.651	-2.0	129	0.00
69 M	Styrene	1.018	1.059	-4.0	127	0.00
70	Isopropylbenzene	1.622	1.704	-5.1	122	0.00
71 M	1,1,2,2-Tetrachloroethane	0.607	0.598	1.5	118	0.00
72	1,2,3-Trichloropropane	0.511	0.488	4.5	119	0.00
73	Bromobenzene	0.405	0.412	-1.7	118	0.00
74	n-propylbenzene	1.848	2.032	-10.0	125	0.00
75	2-Chlorotoluene	1.185	1.254	-5.8	122	0.00
76	1,3,5-Trimethylbenzene	1.341	1.456	-8.6	123	0.00
77	t-1,4-Dichloro-2-butene	0.180	0.154	14.4	99	0.00
78	4-Chlorotoluene	1.119	1.185	-5.9	122	0.00
79	tert-butylbenzene	1.101	1.132	-2.8	113	0.00
80	1,2,4-Trimethylbenzene	1.281	1.420	-10.9	123	0.00
81	sec-Butylbenzene	1.506	1.632	-8.4	122	0.00
82	p-Isopropyltoluene	1.190	1.308	-9.9	122	0.00
83 M	1,3-Dichlorobenzene	0.644	0.678	-5.3	118	0.00
84 M	1,4-Dichlorobenzene	0.604	0.628	-4.0	116	0.00
85	n-Butylbenzene	0.906	0.978	-7.9	119	0.00
86 T	Hexachloroethane	0.236	0.272	-15.3	128	0.00
87 M	1,2-Dichlorobenzene	0.635	0.657	-3.5	115	0.00
88	1,2-Dibromo-3-Chloropropane	0.103	0.092	10.7	100	0.00
89	1,2,4-Trichlorobenzene	0.272	0.208	23.5	91	0.00
90	Hexachlorobutadiene	0.165	0.164	0.6	122	0.00
91 M	Naphthalene	0.710	0.424	40.3#	70	0.00
92	1,2,3-Trichlorobenzene	0.272	0.208	23.5	91	0.00

(#) = Out of Range

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