

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN080323\
 Data File : VN078755.D
 Acq On : 03 Aug 2023 16:07
 Operator : JC\MD
 Sample : VSTDCCC020
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_N
 LabSampleId :
 VSTDCCC020

Quant Time: Aug 04 06:32:12 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N080123W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Wed Aug 02 04:51:47 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	88	0.00
2 M	Dichlorodifluoromethane	1.892	1.592	15.9	83	0.00
3 M	Chloromethane	2.329	3.069	-31.8#	115	0.00
4 M	Vinyl Chloride	3.166	2.946	6.9	87	0.00
5 M	Bromomethane	2.366	1.725	27.1#	70	0.00
6 M	Chloroethane	2.062	1.627	21.1	78	0.00
7 M	Trichlorofluoromethane	3.247	4.604	-41.8#	134	0.00
8 T	Diethyl Ether	1.060	1.683	-58.8#	153#	0.00
9	1,1,2-Trichlorotrifluoroeth	1.743	1.665	4.5	94	0.00
10 M	1,1-Dichloroethene	1.671	1.641	1.8	92	0.00
11	Methyl Iodide	2.349	2.216	5.7	92	0.00
12	Methyl Acetate	2.711	2.609	3.8	93	0.00
13 M	Acrolein	0.289	0.358	-23.9	120	0.00
14 M	Acrylonitrile	0.794	0.774	2.5	95	0.00
15 M	Acetone	0.230	0.199	13.5	86	0.00
16 M	Carbon Disulfide	4.721	4.140	12.3	82	0.00
17	Allyl chloride	2.282	2.076	9.0	81	0.00
18 M	Methylene Chloride	2.005	1.992	0.6	95	0.01
19 M	trans-1,2-Dichloroethene	1.932	1.786	7.6	90	0.00
20 T	Diisopropyl ether	5.138	5.080	1.1	93	0.00
21 M	1,1-Dichloroethane	3.402	3.272	3.8	93	0.00
22 M	cis-1,2-Dichloroethene	2.170	2.026	6.6	86	0.00
23 M	tert-Butyl Alcohol	0.324	0.331	-2.2	98	0.00
24 M	Methyl tert-Butyl Ether	5.620	5.388	4.1	91	0.01
25 M	Chloroform	3.602	3.693	-2.5	98	0.00
26	Cyclohexane	2.506	2.429	3.1	86	0.00
27 s	1,2-Dichloroethane-d4	2.249	2.330	-3.6	93	0.00
28 I	1,4-Difluorobenzene	1.000	1.000	0.0	96	0.00
29	1,1-Dichloropropene	0.441	0.393	10.9	92	0.00
30 M	2-Butanone	0.175	0.153	12.6	89	0.00
31	2,2-Dichloropropane	0.507	0.383	24.5	76	0.00
32 M	1,1,1-Trichloroethane	0.558	0.492	11.8	89	0.00
33 M	Carbon Tetrachloride	0.496	0.455	8.3	94	0.00
34 M	Benzene	1.326	1.189	10.3	92	0.00
35	Methacrylonitrile	0.192	0.169	12.0	91	0.00
36 M	1,2-Dichloroethane	0.466	0.434	6.9	93	0.00
37 M	Trichloroethene	0.372	0.354	4.8	101	0.00
38	Methylcyclohexane	0.454	0.459	-1.1	109	0.00
39 M	1,2-Dichloropropane	0.355	0.379	-6.8	116	0.00
40	Dibromomethane	0.246	0.269	-9.3	114	0.00
41 M	Bromodichloromethane	0.492	0.550	-11.8	114	0.00
42 M	Vinyl Acetate	0.561	0.475	15.3	86	0.00
43	Ethyl Acetate	0.361	0.324	10.2	81	0.00
44	Isopropyl Acetate	0.633	0.564	10.9	89	0.00
45 T	1,4-Dioxane	0.006	0.006	0.0	111	0.00
46	Methyl methacrylate	0.290	0.332	-14.5	122	0.00
47	n-amyl Acetate	0.487	0.418	14.2	90	0.00
48 M	t-1,3-Dichloropropene	0.525	0.446	15.0	84	0.00

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN080323\
 Data File : VN078755.D
 Acq On : 03 Aug 2023 16:07
 Operator : JC\MD
 Sample : VSTDCCC020
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_N
 LabSampleId :
 VSTDCCC020

Quant Time: Aug 04 06:32:12 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N080123W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Wed Aug 02 04:51:47 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	0.558	0.584	-4.7	109	0.00
50 M	1,1,2-Trichloroethane	0.348	0.301	13.5	83	0.00
51	Ethyl methacrylate	0.477	0.404	15.3	84	0.00
52	1,3-Dichloropropane	0.626	0.495	20.9	85	0.00
53 M	Dibromochloromethane	0.393	0.336	14.5	83	0.00
54 M	1,2-Dibromoethane	0.350	0.302	13.7	83	0.00
55 M	2-Chloroethyl vinyl ether	0.152	0.163	-7.2	105	0.00
56 M	Bromoform	0.257	0.217	15.6	91	0.00
57 I	Chlorobenzene-d5	1.000	1.000	0.0	88	0.00
58 M	4-Methyl-2-Pentanone	0.449	0.532	-18.5	113	0.00
59 M	2-Hexanone	0.340	0.310	8.8	84	0.00
60 S	4-Bromofluorobenzene	0.450	0.439	2.4	93	0.00
61 M	Tetrachloroethene	0.394	0.374	5.1	91	0.00
62 M	Toluene	1.805	1.763	2.3	92	0.00
63 S	Toluene-d8	1.482	1.652	-11.5	103	0.00
64 M	Chlorobenzene	1.054	1.032	2.1	91	0.00
65	1,1,1,2-Tetrachloroethane	0.416	0.412	1.0	90	0.00
66 M	Ethyl Benzene	1.819	1.760	3.2	89	0.00
67 M	m/p-Xylenes	0.695	0.672	3.3	90	0.00
68 M	o-Xylene	0.707	0.665	5.9	91	0.00
69 M	Styrene	1.137	1.044	8.2	92	0.00
70	Isopropylbenzene	1.749	1.620	7.4	89	0.00
71 M	1,1,2,2-Tetrachloroethane	0.568	0.532	6.3	90	0.00
72	1,2,3-Trichloropropane	0.477	0.443	7.1	93	0.00
73	Bromobenzene	0.429	0.393	8.4	88	0.00
74	n-propylbenzene	1.938	1.779	8.2	90	0.00
75	2-Chlorotoluene	1.339	1.159	13.4	92	0.00
76	1,3,5-Trimethylbenzene	1.561	1.330	14.8	89	0.00
77	t-1,4-Dichloro-2-butene	0.167	0.145	13.2	85	0.00
78	4-Chlorotoluene	1.292	1.096	15.2	87	0.00
79	tert-butylbenzene	1.344	1.071	20.3	84	0.00
80	1,2,4-Trimethylbenzene	1.491	1.295	13.1	89	0.00
81	sec-Butylbenzene	1.722	1.404	18.5	88	0.00
82	p-Isopropyltoluene	1.414	1.171	17.2	85	0.00
83 M	1,3-Dichlorobenzene	0.760	0.629	17.2	83	0.00
84 M	1,4-Dichlorobenzene	0.712	0.604	15.2	86	0.00
85	n-Butylbenzene	0.981	0.808	17.6	83	0.00
86 T	Hexachloroethane	0.258	0.229	11.2	89	0.00
87 M	1,2-Dichlorobenzene	0.711	0.628	11.7	87	0.00
88	1,2-Dibromo-3-Chloropropane	0.096	0.084	12.5	91	0.00
89	1,2,4-Trichlorobenzene	0.203	0.162	20.2	78	0.00
90	Hexachlorobutadiene	0.155	0.141	9.0	85	0.00
91 M	Naphthalene	0.615	0.460	25.2#	72	0.00
92	1,2,3-Trichlorobenzene	0.231	0.199	13.9	82	0.00

(#) = Out of Range

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