

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN080323\
 Data File : VN078743.D
 Acq On : 03 Aug 2023 10:37
 Operator : JC\MD
 Sample : VSTDCCC020
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_N
 LabSampleId :
 VSTDCCC020

Quant Time: Aug 04 06:29:27 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	81	0.00
2 M	Dichlorodifluoromethane	1.892	1.707	9.8	82	0.00
3 M	Chloromethane	2.329	3.125	-34.2#	108	0.00
4 M	Vinyl Chloride	3.166	3.443	-8.7	94	0.00
5 M	Bromomethane	2.366	2.182	7.8	82	0.00
6 M	Chloroethane	2.062	2.176	-5.5	97	0.00
7 M	Trichlorofluoromethane	3.247	3.288	-1.3	88	0.00
8 T	Diethyl Ether	1.060	1.047	1.2	88	0.00
9	1,1,2-Trichlorotrifluoroeth	1.743	1.736	0.4	91	0.00
10 M	1,1-Dichloroethene	1.671	1.692	-1.3	88	0.00
11	Methyl Iodide	2.349	2.074	11.7	79	0.00
12	Methyl Acetate	2.711	2.631	3.0	87	0.00
13 M	Acrolein	0.289	0.258	10.7	80	0.00
14 M	Acrylonitrile	0.794	0.769	3.1	87	0.00
15 M	Acetone	0.230	0.203	11.7	80	0.00
16 M	Carbon Disulfide	4.721	4.502	4.6	82	0.00
17	Allyl chloride	2.282	2.118	7.2	76	0.00
18 M	Methylene Chloride	2.005	2.074	-3.4	91	0.00
19 M	trans-1,2-Dichloroethene	1.932	1.892	2.1	88	0.00
20 T	Diisopropyl ether	5.138	5.446	-6.0	92	0.00
21 M	1,1-Dichloroethane	3.402	3.572	-5.0	93	0.00
22 M	cis-1,2-Dichloroethene	2.170	2.262	-4.2	89	0.00
23 M	tert-Butyl Alcohol	0.324	0.293	9.6	80	-0.01
24 M	Methyl tert-Butyl Ether	5.620	5.518	1.8	86	0.00
25 M	Chloroform	3.602	3.874	-7.6	94	0.00
26	Cyclohexane	2.506	2.457	2.0	80	0.00
27 s	1,2-Dichloroethane-d4	2.249	2.274	-1.1	84	0.00
28 I	1,4-Difluorobenzene	1.000	1.000	0.0	82	0.00
29	1,1-Dichloropropene	0.441	0.444	-0.7	89	0.00
30 M	2-Butanone	0.175	0.165	5.7	82	0.00
31	2,2-Dichloropropane	0.507	0.488	3.7	83	0.00
32 M	1,1,1-Trichloroethane	0.558	0.562	-0.7	87	0.00
33 M	Carbon Tetrachloride	0.496	0.512	-3.2	91	0.00
34 M	Benzene	1.326	1.385	-4.4	92	0.00
35	Methacrylonitrile	0.192	0.173	9.9	79	0.00
36 M	1,2-Dichloroethane	0.466	0.485	-4.1	89	0.00
37 M	Trichloroethene	0.372	0.362	2.7	89	0.00
38	Methylcyclohexane	0.454	0.399	12.1	81	0.00
39 M	1,2-Dichloropropane	0.355	0.354	0.3	92	0.00
40	Dibromomethane	0.246	0.256	-4.1	93	0.00
41 M	Bromodichloromethane	0.492	0.528	-7.3	93	0.00
42 M	Vinyl Acetate	0.561	0.531	5.3	82	0.00
43	Ethyl Acetate	0.361	0.380	-5.3	82	0.00
44	Isopropyl Acetate	0.633	0.599	5.4	80	0.00
45 T	1,4-Dioxane	0.006	0.005	16.7	86	0.00
46	Methyl methacrylate	0.290	0.280	3.4	87	0.00
47	n-amyl Acetate	0.487	0.432	11.3	79	0.00
48 M	t-1,3-Dichloropropene	0.525	0.579	-10.3	92	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
49 T	cis-1,3-Dichloropropene	0.558	0.556	0.4	88	0.00
50 M	1,1,2-Trichloroethane	0.348	0.395	-13.5	93	0.00
51	Ethyl methacrylate	0.477	0.523	-9.6	92	0.00
52	1,3-Dichloropropane	0.626	0.583	6.9	85	0.00
53 M	Dibromochloromethane	0.393	0.386	1.8	82	0.00
54 M	1,2-Dibromoethane	0.350	0.343	2.0	81	0.00
55 M	2-Chloroethyl vinyl ether	0.152	0.151	0.7	83	0.00
56 M	Bromoform	0.257	0.252	1.9	90	0.00
57 I	Chlorobenzene-d5	1.000	1.000	0.0	79	0.00
58 M	4-Methyl-2-Pentanone	0.449	0.451	-0.4	86	0.00
59 M	2-Hexanone	0.340	0.322	5.3	78	0.00
60 S	4-Bromofluorobenzene	0.450	0.430	4.4	81	0.00
61 M	Tetrachloroethene	0.394	0.433	-9.9	94	0.00
62 M	Toluene	1.805	1.900	-5.3	89	0.00
63 S	Toluene-d8	1.482	1.495	-0.9	84	0.00
64 M	Chlorobenzene	1.054	1.128	-7.0	89	0.00
65	1,1,1,2-Tetrachloroethane	0.416	0.468	-12.5	92	0.00
66 M	Ethyl Benzene	1.819	1.934	-6.3	87	0.00
67 M	m/p-Xylenes	0.695	0.739	-6.3	88	0.00
68 M	o-Xylene	0.707	0.718	-1.6	88	0.00
69 M	Styrene	1.137	1.127	0.9	89	0.00
70	Isopropylbenzene	1.749	1.817	-3.9	89	0.00
71 M	1,1,2,2-Tetrachloroethane	0.568	0.571	-0.5	87	0.00
72	1,2,3-Trichloropropane	0.477	0.516	-8.2	96	0.00
73	Bromobenzene	0.429	0.432	-0.7	86	0.00
74	n-propylbenzene	1.938	1.960	-1.1	88	0.00
75	2-Chlorotoluene	1.339	1.278	4.6	91	0.00
76	1,3,5-Trimethylbenzene	1.561	1.493	4.4	89	0.00
77	t-1,4-Dichloro-2-butene	0.167	0.157	6.0	82	0.00
78	4-Chlorotoluene	1.292	1.177	8.9	83	0.00
79	tert-butylbenzene	1.344	1.219	9.3	86	0.00
80	1,2,4-Trimethylbenzene	1.491	1.400	6.1	86	0.00
81	sec-Butylbenzene	1.722	1.599	7.1	90	0.00
82	p-Isopropyltoluene	1.414	1.271	10.1	82	0.00
83 M	1,3-Dichlorobenzene	0.760	0.718	5.5	85	0.00
84 M	1,4-Dichlorobenzene	0.712	0.657	7.7	83	0.00
85	n-Butylbenzene	0.981	0.818	16.6	75	0.00
86 T	Hexachloroethane	0.258	0.249	3.5	86	0.00
87 M	1,2-Dichlorobenzene	0.711	0.695	2.3	86	0.00
88	1,2-Dibromo-3-Chloropropane	0.096	0.079	17.7	76	0.00
89	1,2,4-Trichlorobenzene	0.203	0.157	22.7	67	0.00
90	Hexachlorobutadiene	0.155	0.141	9.0	76	0.00
91 M	Naphthalene	0.615	0.400	35.0#	56	0.00
92	1,2,3-Trichlorobenzene	0.231	0.183	20.8	67	0.00

(#) = Out of Range

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