

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN080223\
 Data File : VN078741.D
 Acq On : 02 Aug 2023 20:51
 Operator : JC\MD
 Sample : VSTDCCC020
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_N
 LabSampleId :
 VSTDCCC020

Quant Time: Aug 03 05:34:26 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	87	0.00
2 M	Dichlorodifluoromethane	1.892	1.480	21.8	76	0.00
3 M	Chloromethane	2.329	2.732	-17.3	101	0.00
4 M	Vinyl Chloride	3.166	3.169	-0.1	92	0.00
5 M	Bromomethane	2.366	1.642	30.6#	66	0.00
6 M	Chloroethane	2.062	1.807	12.4	86	0.00
7 M	Trichlorofluoromethane	3.247	4.299	-32.4#	123	0.00
8 T	Diethyl Ether	1.060	1.682	-58.7#	151#	0.00
9	1,1,2-Trichlorotrifluoroeth	1.743	2.379	-36.5#	133	0.00
10 M	1,1-Dichloroethene	1.671	2.419	-44.8#	134	0.00
11	Methyl Iodide	2.349	2.625	-11.7	107	0.00
12	Methyl Acetate	2.711	2.490	8.2	88	0.00
13 M	Acrolein	0.289	0.402	-39.1#	133	0.00
14 M	Acrylonitrile	0.794	0.746	6.0	90	0.00
15 M	Acetone	0.230	0.340	-47.8#	144	0.00
16 M	Carbon Disulfide	4.721	6.881	-45.8#	134	0.00
17	Allyl chloride	2.282	1.909	16.3	73	0.00
18 M	Methylene Chloride	2.005	1.869	6.8	88	0.00
19 M	trans-1,2-Dichloroethene	1.932	1.640	15.1	81	0.00
20 T	Diisopropyl ether	5.138	4.717	8.2	85	0.00
21 M	1,1-Dichloroethane	3.402	3.211	5.6	90	0.00
22 M	cis-1,2-Dichloroethene	2.170	2.014	7.2	84	0.00
23 M	tert-Butyl Alcohol	0.324	0.280	13.6	82	0.00
24 M	Methyl tert-Butyl Ether	5.620	5.063	9.9	84	0.00
25 M	Chloroform	3.602	3.477	3.5	91	0.00
26	Cyclohexane	2.506	2.067	17.5	72	0.00
27 s	1,2-Dichloroethane-d4	2.249	2.311	-2.8	91	0.00
28 I	1,4-Difluorobenzene	1.000	1.000	0.0	80	0.00
29	1,1-Dichloropropene	0.441	0.428	2.9	84	0.00
30 M	2-Butanone	0.175	0.172	1.7	84	0.00
31	2,2-Dichloropropane	0.507	0.423	16.6	70	0.00
32 M	1,1,1-Trichloroethane	0.558	0.543	2.7	82	0.00
33 M	Carbon Tetrachloride	0.496	0.476	4.0	83	0.00
34 M	Benzene	1.326	1.319	0.5	86	0.00
35	Methacrylonitrile	0.192	0.189	1.6	85	0.00
36 M	1,2-Dichloroethane	0.466	0.463	0.6	83	0.00
37 M	Trichloroethene	0.372	0.332	10.8	80	0.00
38	Methylcyclohexane	0.454	0.352	22.5	70	0.00
39 M	1,2-Dichloropropane	0.355	0.339	4.5	86	0.00
40	Dibromomethane	0.246	0.246	0.0	87	0.00
41 M	Bromodichloromethane	0.492	0.497	-1.0	86	0.00
42 M	Vinyl Acetate	0.561	0.535	4.6	81	0.00
43	Ethyl Acetate	0.361	0.335	7.2	71	0.00
44	Isopropyl Acetate	0.633	0.656	-3.6	86	0.00
45 T	1,4-Dioxane	0.006	0.005	16.7	82	0.00
46	Methyl methacrylate	0.290	0.290	0.0	89	0.00
47	n-amyl Acetate	0.487	0.459	5.7	83	0.00
48 M	t-1,3-Dichloropropene	0.525	0.476	9.3	75	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
49 T	cis-1,3-Dichloropropene	0.558	0.527	5.6	82	0.00
50 M	1,1,2-Trichloroethane	0.348	0.340	2.3	79	0.00
51	Ethyl methacrylate	0.477	0.455	4.6	79	0.00
52	1,3-Dichloropropane	0.626	0.550	12.1	79	0.00
53 M	Dibromochloromethane	0.393	0.381	3.1	79	0.00
54 M	1,2-Dibromoethane	0.350	0.336	4.0	78	0.00
55 M	2-Chloroethyl vinyl ether	0.152	0.154	-1.3	83	0.00
56 M	Bromoform	0.257	0.246	4.3	86	0.00
57 I	Chlorobenzene-d5	1.000	1.000	0.0	86	0.00
58 M	4-Methyl-2-Pentanone	0.449	0.421	6.2	87	0.00
59 M	2-Hexanone	0.340	0.295	13.2	78	0.00
60 S	4-Bromofluorobenzene	0.450	0.425	5.6	87	0.00
61 M	Tetrachloroethene	0.394	0.334	15.2	79	0.00
62 M	Toluene	1.805	1.805	0.0	92	0.00
63 S	Toluene-d8	1.482	1.491	-0.6	91	0.00
64 M	Chlorobenzene	1.054	0.980	7.0	84	0.00
65	1,1,1,2-Tetrachloroethane	0.416	0.407	2.2	87	0.00
66 M	Ethyl Benzene	1.819	1.670	8.2	82	0.00
67 M	m/p-Xylenes	0.695	0.634	8.8	82	0.00
68 M	o-Xylene	0.707	0.628	11.2	83	0.00
69 M	Styrene	1.137	0.986	13.3	84	0.00
70	Isopropylbenzene	1.749	1.511	13.6	80	0.00
71 M	1,1,2,2-Tetrachloroethane	0.568	0.534	6.0	88	0.00
72	1,2,3-Trichloropropane	0.477	0.473	0.8	96	0.00
73	Bromobenzene	0.429	0.382	11.0	83	0.00
74	n-propylbenzene	1.938	1.600	17.4	78	0.00
75	2-Chlorotoluene	1.339	1.061	20.8	82	0.00
76	1,3,5-Trimethylbenzene	1.561	1.265	19.0	82	0.00
77	t-1,4-Dichloro-2-butene	0.167	0.128	23.4	73	0.00
78	4-Chlorotoluene	1.292	0.990	23.4	76	0.00
79	tert-butylbenzene	1.344	1.049	21.9	80	0.00
80	1,2,4-Trimethylbenzene	1.491	1.204	19.2	80	0.00
81	sec-Butylbenzene	1.722	1.270	26.2#	77	0.00
82	p-Isopropyltoluene	1.414	1.076	23.9	76	0.00
83 M	1,3-Dichlorobenzene	0.760	0.591	22.2	76	0.00
84 M	1,4-Dichlorobenzene	0.712	0.578	18.8	79	0.00
85	n-Butylbenzene	0.981	0.715	27.1#	71	0.00
86 T	Hexachloroethane	0.258	0.201	22.1	76	0.00
87 M	1,2-Dichlorobenzene	0.711	0.602	15.3	81	0.00
88	1,2-Dibromo-3-Chloropropane	0.096	0.084	12.5	87	0.00
89	1,2,4-Trichlorobenzene	0.203	0.144	29.1#	67	0.00
90	Hexachlorobutadiene	0.155	0.121	21.9	71	0.00
91 M	Naphthalene	0.615	0.420	31.7#	63	0.00
92	1,2,3-Trichlorobenzene	0.231	0.186	19.5	74	0.00

(#) = Out of Range

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