

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN030923\
 Data File : VN076891.D
 Acq On : 09 Mar 2023 09:51
 Operator : JC\MD
 Sample : VSTDCCC020
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_N
 LabSampleId :
 VSTDCCC020

Quant Time: Mar 10 01:23:03 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N030823W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Thu Mar 09 04:16:54 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	101	0.00
2 M	Dichlorodifluoromethane	3.839	4.010	-4.5	115	0.00
3 M	Chloromethane	3.509	3.442	1.9	111	0.00
4 M	Vinyl Chloride	3.200	3.161	1.2	111	0.00
5 M	Bromomethane	2.046	2.086	-2.0	119	0.01
6 M	Chloroethane	1.880	1.801	4.2	110	0.00
7 M	Trichlorofluoromethane	5.977	6.029	-0.9	114	0.00
8 T	Diethyl Ether	2.242	2.297	-2.5	117	0.00
9	1,1,2-Trichlorotrifluoroeth	3.386	3.503	-3.5	116	0.00
10 M	1,1-Dichloroethene	3.287	3.386	-3.0	116	0.00
11	Methyl Iodide	3.960	3.897	1.6	111	0.00
12	Methyl Acetate	5.406	5.281	2.3	110	0.00
13 M	Acrolein	0.799	0.771	3.5	110	0.00
14 M	Acrylonitrile	1.781	1.735	2.6	111	0.00
15 M	Acetone	0.485	0.633	-30.5#	146	0.00
16 M	Carbon Disulfide	9.114	9.360	-2.7	117	0.00
17	Allyl chloride	4.930	4.968	-0.8	116	0.00
18 M	Methylene Chloride	3.845	3.792	1.4	113	0.00
19 M	trans-1,2-Dichloroethene	3.463	3.526	-1.8	116	0.00
20 T	Diisopropyl ether	11.122	11.455	-3.0	114	0.00
21 M	1,1-Dichloroethane	6.618	6.691	-1.1	115	0.00
22 M	cis-1,2-Dichloroethene	3.969	4.130	-4.1	115	0.00
23 M	tert-Butyl Alcohol	0.517	0.570	-10.3	125	0.00
24 M	Methyl tert-Butyl Ether	10.716	11.222	-4.7	117	0.00
25 M	Chloroform	6.799	6.754	0.7	114	0.00
26	Cyclohexane	6.043	5.976	1.1	110	0.00
27 s	1,2-Dichloroethane-d4	2.757	2.886	-4.7	104	0.00
28 I	1,4-Difluorobenzene	1.000	1.000	0.0	103	0.00
29	1,1-Dichloropropene	0.707	0.693	2.0	118	0.00
30 M	2-Butanone	0.322	0.324	-0.6	121	0.00
31	2,2-Dichloropropane	0.700	0.711	-1.6	121	0.00
32 M	1,1,1-Trichloroethane	0.824	0.802	2.7	116	0.00
33 M	Carbon Tetrachloride	0.729	0.703	3.6	117	0.00
34 M	Benzene	2.166	2.070	4.4	115	0.00
35	Methacrylonitrile	0.363	0.343	5.5	116	0.00
36 M	1,2-Dichloroethane	0.726	0.703	3.2	117	0.00
37 M	Trichloroethene	0.534	0.516	3.4	115	0.00
38	Methylcyclohexane	0.880	0.862	2.0	117	0.00
39 M	1,2-Dichloropropane	0.557	0.533	4.3	112	0.00
40	Dibromomethane	0.355	0.342	3.7	114	0.00
41 M	Bromodichloromethane	0.727	0.705	3.0	115	0.00
42 M	Vinyl Acetate	1.005	0.966	3.9	115	0.00
43	Ethyl Acetate	0.651	0.581	10.8	106	0.00
44	Isopropyl Acetate	1.054	0.995	5.6	112	0.00
45 T	1,4-Dioxane	0.009	0.009	0.0	118	0.00
46	Methyl methacrylate	0.514	0.482	6.2	110	0.00
47	n-amyl Acetate	0.858	0.841	2.0	120	0.00
48 M	t-1,3-Dichloropropene	0.728	0.740	-1.6	125	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
49 T	cis-1,3-Dichloropropene	0.827	0.815	1.5	119	0.00
50 M	1,1,2-Trichloroethane	0.519	0.493	5.0	116	0.00
51	Ethyl methacrylate	0.766	0.751	2.0	117	0.00
52	1,3-Dichloropropane	0.897	0.849	5.4	113	0.00
53 M	Dibromochloromethane	0.530	0.524	1.1	119	0.00
54 M	1,2-Dibromoethane	0.501	0.491	2.0	118	0.00
55 M	2-Chloroethyl vinyl ether	0.269	0.261	3.0	115	0.00
56 M	Bromoform	0.355	0.348	2.0	118	0.00
57 I	Chlorobenzene-d5	1.000	1.000	0.0	105	0.00
58 M	4-Methyl-2-Pentanone	0.606	0.572	5.6	110	0.00
59 M	2-Hexanone	0.431	0.434	-0.7	117	0.00
60 S	4-Bromofluorobenzene	0.568	0.587	-3.3	108	0.00
61 M	Tetrachloroethene	0.474	0.469	1.1	117	0.00
62 M	Toluene	2.067	2.044	1.1	117	0.00
63 S	Toluene-d8	1.055	1.051	0.4	101	0.00
64 M	Chlorobenzene	1.217	1.238	-1.7	120	0.00
65	1,1,1,2-Tetrachloroethane	0.457	0.443	3.1	116	0.00
66 M	Ethyl Benzene	2.244	2.278	-1.5	119	0.00
67 M	m/p-Xylenes	0.850	0.870	-2.4	118	0.00
68 M	o-Xylene	0.830	0.831	-0.1	117	0.00
69 M	Styrene	1.346	1.397	-3.8	119	0.00
70	Isopropylbenzene	2.160	2.221	-2.8	119	0.00
71 M	1,1,2,2-Tetrachloroethane	0.651	0.625	4.0	114	0.00
72	1,2,3-Trichloropropane	0.597	0.569	4.7	115	0.00
73	Bromobenzene	0.487	0.508	-4.3	124	0.00
74	n-propylbenzene	2.549	2.675	-4.9	122	0.00
75	2-Chlorotoluene	1.576	1.608	-2.0	119	0.00
76	1,3,5-Trimethylbenzene	1.869	1.948	-4.2	121	0.00
77	t-1,4-Dichloro-2-butene	0.182	0.195	-7.1	125	0.00
78	4-Chlorotoluene	1.520	1.582	-4.1	123	0.00
79	tert-butylbenzene	1.563	1.616	-3.4	122	0.00
80	1,2,4-Trimethylbenzene	1.837	1.930	-5.1	120	0.00
81	sec-Butylbenzene	2.236	2.379	-6.4	123	0.00
82	p-Isopropyltoluene	1.808	1.974	-9.2	125	0.00
83 M	1,3-Dichlorobenzene	0.902	0.948	-5.1	123	0.00
84 M	1,4-Dichlorobenzene	0.876	0.949	-8.3	128	0.00
85	n-Butylbenzene	1.532	1.747	-14.0	135	0.00
86 T	Hexachloroethane	0.323	0.327	-1.2	121	0.00
87 M	1,2-Dichlorobenzene	0.899	0.917	-2.0	119	0.00
88	1,2-Dibromo-3-Chloropropane	0.127	0.124	2.4	120	0.00
89	1,2,4-Trichlorobenzene	0.480	0.544	-13.3	136	0.00
90	Hexachlorobutadiene	0.253	0.291	-15.0	137	0.00
91 M	Naphthalene	1.521	1.667	-9.6	129	0.00
92	1,2,3-Trichlorobenzene	0.481	0.541	-12.5	131	0.00

(#) = Out of Range

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