

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN030923\
 Data File : VN076903.D
 Acq On : 09 Mar 2023 15:18
 Operator : JC\MD
 Sample : VSTDCCC020
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_N
 LabSampleId :
 VSTDCCC020

Quant Time: Mar 10 01:33:12 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	80	0.00
2 M	Dichlorodifluoromethane	3.839	4.273	-11.3	97	0.00
3 M	Chloromethane	3.509	2.993	14.7	76	0.00
4 M	Vinyl Chloride	3.200	2.706	15.4	75	0.00
5 M	Bromomethane	2.046	1.758	14.1	79	0.00
6 M	Chloroethane	1.880	1.611	14.3	77	0.00
7 M	Trichlorofluoromethane	5.977	6.632	-11.0	99	0.00
8 T	Diethyl Ether	2.242	2.372	-5.8	95	0.01
9	1,1,2-Trichlorotrifluoroeth	3.386	3.660	-8.1	96	0.00
10 M	1,1-Dichloroethene	3.287	3.375	-2.7	91	0.00
11	Methyl Iodide	3.960	2.461	37.9#	55	0.00
12	Methyl Acetate	5.406	5.400	0.1	89	0.00
13 M	Acrolein	0.799	0.854	-6.9	96	0.00
14 M	Acrylonitrile	1.781	1.796	-0.8	91	0.00
15 M	Acetone	0.485	0.490	-1.0	89	0.01
16 M	Carbon Disulfide	9.114	9.401	-3.1	92	0.00
17	Allyl chloride	4.930	4.841	1.8	90	0.00
18 M	Methylene Chloride	3.845	4.048	-5.3	95	0.00
19 M	trans-1,2-Dichloroethene	3.463	3.592	-3.7	94	0.00
20 T	Diisopropyl ether	11.122	11.591	-4.2	91	0.00
21 M	1,1-Dichloroethane	6.618	6.968	-5.3	95	0.00
22 M	cis-1,2-Dichloroethene	3.969	4.186	-5.5	92	0.00
23 M	tert-Butyl Alcohol	0.517	0.512	1.0	89	0.00
24 M	Methyl tert-Butyl Ether	10.716	11.816	-10.3	97	0.00
25 M	Chloroform	6.799	7.190	-5.8	96	0.00
26	Cyclohexane	6.043	6.005	0.6	87	0.00
27 s	1,2-Dichloroethane-d4	2.757	2.757	0.0	78	0.00
28 I	1,4-Difluorobenzene	1.000	1.000	0.0	72	0.00
29	1,1-Dichloropropene	0.707	0.813	-15.0	97	0.00
30 M	2-Butanone	0.322	0.334	-3.7	87	0.00
31	2,2-Dichloropropane	0.700	0.829	-18.4	98	0.00
32 M	1,1,1-Trichloroethane	0.824	0.967	-17.4	98	0.00
33 M	Carbon Tetrachloride	0.729	0.874	-19.9	101	0.00
34 M	Benzene	2.166	2.427	-12.0	94	0.00
35	Methacrylonitrile	0.363	0.412	-13.5	97	0.00
36 M	1,2-Dichloroethane	0.726	0.852	-17.4	99	0.00
37 M	Trichloroethene	0.534	0.567	-6.2	89	0.00
38	Methylcyclohexane	0.880	0.979	-11.2	93	0.00
39 M	1,2-Dichloropropane	0.557	0.603	-8.3	89	0.00
40	Dibromomethane	0.355	0.405	-14.1	95	0.00
41 M	Bromodichloromethane	0.727	0.853	-17.3	98	0.00
42 M	Vinyl Acetate	1.005	1.099	-9.4	92	0.00
43	Ethyl Acetate	0.651	0.718	-10.3	92	0.00
44	Isopropyl Acetate	1.054	1.146	-8.7	90	0.00
45 T	1,4-Dioxane	0.009	0.009	0.0	88	0.00
46	Methyl methacrylate	0.514	0.561	-9.1	90	0.00
47	n-amyl Acetate	0.858	0.961	-12.0	96	0.00
48 M	t-1,3-Dichloropropene	0.728	0.836	-14.8	98	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
49 T	cis-1,3-Dichloropropene	0.827	0.931	-12.6	95	0.00
50 M	1,1,2-Trichloroethane	0.519	0.583	-12.3	96	0.00
51	Ethyl methacrylate	0.766	0.857	-11.9	93	0.00
52	1,3-Dichloropropane	0.897	1.002	-11.7	94	0.00
53 M	Dibromochloromethane	0.530	0.624	-17.7	99	0.00
54 M	1,2-Dibromoethane	0.501	0.560	-11.8	94	0.00
55 M	2-Chloroethyl vinyl ether	0.269	0.338	-25.7#	104	0.00
56 M	Bromoform	0.355	0.427	-20.3	102	0.00
57 I	Chlorobenzene-d5	1.000	1.000	0.0	75	0.00
58 M	4-Methyl-2-Pentanone	0.606	0.643	-6.1	89	0.00
59 M	2-Hexanone	0.431	0.454	-5.3	88	0.00
60 S	4-Bromofluorobenzene	0.568	0.577	-1.6	76	0.00
61 M	Tetrachloroethene	0.474	0.464	2.1	83	0.00
62 M	Toluene	2.067	2.320	-12.2	95	0.00
63 S	Toluene-d8	1.055	1.038	1.6	72	0.00
64 M	Chlorobenzene	1.217	1.359	-11.7	95	0.00
65	1,1,1,2-Tetrachloroethane	0.457	0.525	-14.9	99	0.00
66 M	Ethyl Benzene	2.244	2.566	-14.3	96	0.00
67 M	m/p-Xylenes	0.850	0.966	-13.6	94	0.00
68 M	o-Xylene	0.830	0.956	-15.2	96	0.00
69 M	Styrene	1.346	1.554	-15.5	95	0.00
70	Isopropylbenzene	2.160	2.528	-17.0	97	0.00
71 M	1,1,2,2-Tetrachloroethane	0.651	0.770	-18.3	100	0.00
72	1,2,3-Trichloropropane	0.597	0.669	-12.1	97	0.00
73	Bromobenzene	0.487	0.553	-13.6	97	0.00
74	n-propylbenzene	2.549	2.891	-13.4	95	0.00
75	2-Chlorotoluene	1.576	1.845	-17.1	98	0.00
76	1,3,5-Trimethylbenzene	1.869	2.204	-17.9	98	0.00
77	t-1,4-Dichloro-2-butene	0.182	0.197	-8.2	91	0.00
78	4-Chlorotoluene	1.520	1.769	-16.4	98	0.00
79	tert-butylbenzene	1.563	1.854	-18.6	100	0.00
80	1,2,4-Trimethylbenzene	1.837	2.176	-18.5	98	0.00
81	sec-Butylbenzene	2.236	2.629	-17.6	97	0.00
82	p-Isopropyltoluene	1.808	2.130	-17.8	97	0.00
83 M	1,3-Dichlorobenzene	0.902	1.012	-12.2	95	0.00
84 M	1,4-Dichlorobenzene	0.876	0.987	-12.7	96	0.00
85	n-Butylbenzene	1.532	1.756	-14.6	97	0.00
86 T	Hexachloroethane	0.323	0.359	-11.1	95	0.00
87 M	1,2-Dichlorobenzene	0.899	1.043	-16.0	97	0.00
88	1,2-Dibromo-3-Chloropropane	0.127	0.145	-14.2	100	0.00
89	1,2,4-Trichlorobenzene	0.480	0.543	-13.1	98	0.00
90	Hexachlorobutadiene	0.253	0.303	-19.8	102	0.00
91 M	Naphthalene	1.521	1.757	-15.5	98	0.00
92	1,2,3-Trichlorobenzene	0.481	0.571	-18.7	100	0.00

(#) = Out of Range

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