

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN021523\
 Data File : VN076683.D
 Acq On : 15 Feb 2023 13:30
 Operator : JC\MD
 Sample : VSTDICV020
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 ICVVN021523

Quant Time: Feb 16 01:12:48 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N021523W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Thu Feb 16 01:08:46 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	105	0.00
2 M	Dichlorodifluoromethane	3.175	3.423	-7.8	109	0.00
3 M	Chloromethane	3.898	4.102	-5.2	109	0.00
4 M	Vinyl Chloride	4.161	4.418	-6.2	111	0.00
5 M	Bromomethane	2.873	3.181	-10.7	125	0.00
6 M	Chloroethane	2.698	2.769	-2.6	107	0.00
7 M	Trichlorofluoromethane	5.187	5.438	-4.8	110	0.00
8 T	Diethyl Ether	2.058	2.296	-11.6	121	0.00
9	1,1,2-Trichlorotrifluoroeth	3.152	3.175	-0.7	108	0.00
10 M	1,1-Dichloroethene	2.961	3.119	-5.3	114	0.00
11	Methyl Iodide	3.694	3.639	1.5	98	0.00
12	Methyl Acetate	6.070	6.437	-6.0	113	0.00
13 M	Acrolein	0.721	0.627	13.0	99	0.00
14 M	Acrylonitrile	1.863	1.950	-4.7	110	0.00
15 M	Acetone	0.603	0.650	-7.8	103	0.00
16 M	Carbon Disulfide	8.304	8.370	-0.8	109	0.00
17	Allyl chloride	5.299	5.327	-0.5	110	0.00
18 M	Methylene Chloride	3.737	3.829	-2.5	109	0.00
19 M	trans-1,2-Dichloroethene	3.320	3.306	0.4	113	0.00
20 T	Diisopropyl ether	12.531	13.142	-4.9	110	0.00
21 M	1,1-Dichloroethane	6.555	7.037	-7.4	114	0.00
22 M	cis-1,2-Dichloroethene	3.810	4.065	-6.7	112	0.00
23 M	tert-Butyl Alcohol	0.538	0.591	-9.9	112	-0.01
24 M	Methyl tert-Butyl Ether	10.244	10.764	-5.1	111	0.00
25 M	Chloroform	6.428	6.749	-5.0	108	0.00
26	Cyclohexane	5.858	6.283	-7.3	109	0.00
27 s	1,2-Dichloroethane-d4	2.744	2.947	-7.4	113	0.00
28 I	1,4-Difluorobenzene	1.000	1.000	0.0	114	0.00
29	1,1-Dichloropropene	0.684	0.702	-2.6	116	0.00
30 M	2-Butanone	0.399	0.394	1.3	106	0.00
31	2,2-Dichloropropane	0.715	0.727	-1.7	115	0.00
32 M	1,1,1-Trichloroethane	0.794	0.791	0.4	115	0.00
33 M	Carbon Tetrachloride	0.688	0.681	1.0	112	0.00
34 M	Benzene	2.185	2.157	1.3	110	0.00
35	Methacrylonitrile	0.435	0.415	4.6	109	0.00
36 M	1,2-Dichloroethane	0.731	0.736	-0.7	110	0.00
37 M	Trichloroethene	0.508	0.488	3.9	113	0.00
38	Methylcyclohexane	0.861	0.874	-1.5	113	0.00
39 M	1,2-Dichloropropane	0.568	0.566	0.4	115	0.00
40	Dibromomethane	0.362	0.350	3.3	108	0.00
41 M	Bromodichloromethane	0.726	0.705	2.9	109	0.00
42 M	Vinyl Acetate	1.157	1.177	-1.7	116	0.00
43	Ethyl Acetate	0.760	0.781	-2.8	115	0.00
44	Isopropyl Acetate	1.252	1.268	-1.3	111	0.00
45 T	1,4-Dioxane	0.011	0.010	9.1	113	0.00
46	Methyl methacrylate	0.575	0.601	-4.5	117	0.00
47	n-amyl Acetate	1.105	1.101	0.4	111	0.00
48 M	t-1,3-Dichloropropene	0.737	0.735	0.3	112	0.00

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN021523\
 Data File : VN076683.D
 Acq On : 15 Feb 2023 13:30
 Operator : JC\MD
 Sample : VSTDICV020
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 ICVVN021523

Quant Time: Feb 16 01:12:48 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N021523W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Thu Feb 16 01:08:46 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	0.838	0.811	3.2	110	0.00
50 M	1,1,2-Trichloroethane	0.526	0.511	2.9	108	0.00
51	Ethyl methacrylate	0.764	0.755	1.2	110	0.00
52	1,3-Dichloropropane	0.905	0.882	2.5	109	0.00
53 M	Dibromochloromethane	0.541	0.533	1.5	112	0.00
54 M	1,2-Dibromoethane	0.512	0.511	0.2	112	0.00
55 M	2-Chloroethyl vinyl ether	0.339	0.286	15.6	98	0.00
56 M	Bromoform	0.372	0.353	5.1	110	0.00
57 I	Chlorobenzene-d5	1.000	1.000	0.0	117	0.00
58 M	4-Methyl-2-Pentanone	0.714	0.709	0.7	109	0.00
59 M	2-Hexanone	0.531	0.529	0.4	108	0.00
60 S	4-Bromofluorobenzene	0.531	0.528	0.6	114	0.00
61 M	Tetrachloroethene	0.379	0.372	1.8	118	0.00
62 M	Toluene	2.097	2.072	1.2	112	0.00
63 S	Toluene-d8	1.051	1.042	0.9	113	0.00
64 M	Chlorobenzene	1.249	1.245	0.3	115	0.00
65	1,1,1,2-Tetrachloroethane	0.458	0.436	4.8	111	0.00
66 M	Ethyl Benzene	2.229	2.248	-0.9	114	0.00
67 M	m/p-Xylenes	0.872	0.876	-0.5	111	0.00
68 M	o-Xylene	0.859	0.857	0.2	112	0.00
69 M	Styrene	1.379	1.391	-0.9	113	0.00
70	Isopropylbenzene	2.191	2.215	-1.1	112	0.00
71 M	1,1,2,2-Tetrachloroethane	0.717	0.687	4.2	107	0.00
72	1,2,3-Trichloropropane	0.632	0.591	6.5	101	0.00
73	Bromobenzene	0.508	0.489	3.7	106	0.00
74	n-propylbenzene	2.610	2.642	-1.2	112	0.00
75	2-Chlorotoluene	1.553	1.585	-2.1	114	0.00
76	1,3,5-Trimethylbenzene	1.828	1.884	-3.1	115	0.00
77	t-1,4-Dichloro-2-butene	0.203	0.195	3.9	110	0.00
78	4-Chlorotoluene	1.489	1.509	-1.3	113	0.00
79	tert-butylbenzene	1.618	1.647	-1.8	112	0.00
80	1,2,4-Trimethylbenzene	1.815	1.891	-4.2	115	0.00
81	sec-Butylbenzene	2.324	2.423	-4.3	114	0.00
82	p-Isopropyltoluene	1.884	1.920	-1.9	112	0.00
83 M	1,3-Dichlorobenzene	0.972	0.977	-0.5	115	0.00
84 M	1,4-Dichlorobenzene	0.948	0.959	-1.2	114	0.00
85	n-Butylbenzene	1.597	1.658	-3.8	118	0.00
86 T	Hexachloroethane	0.365	0.352	3.6	109	0.00
87 M	1,2-Dichlorobenzene	0.977	0.973	0.4	115	0.00
88	1,2-Dibromo-3-Chloropropane	0.133	0.129	3.0	104	0.00
89	1,2,4-Trichlorobenzene	0.498	0.480	3.6	115	0.00
90	Hexachlorobutadiene	0.240	0.233	2.9	117	0.00
91 M	Naphthalene	1.602	1.623	-1.3	118	0.00
92	1,2,3-Trichlorobenzene	0.506	0.489	3.4	117	0.00

(#) = Out of Range

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