

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN030823\
 Data File : VN076889.D
 Acq On : 08 Mar 2023 20:23
 Operator : JC\MD
 Sample : VSTDICV020
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 ICVVN030823

Quant Time: Mar 09 04:21:43 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	90	0.00
2 M	Dichlorodifluoromethane	3.839	3.851	-0.3	98	0.00
3 M	Chloromethane	3.509	3.254	7.3	93	0.00
4 M	Vinyl Chloride	3.200	3.084	3.6	96	0.00
5 M	Bromomethane	2.046	1.937	5.3	98	0.01
6 M	Chloroethane	1.880	1.731	7.9	93	0.00
7 M	Trichlorofluoromethane	5.977	5.870	1.8	99	0.00
8 T	Diethyl Ether	2.242	2.242	0.0	101	0.00
9	1,1,2-Trichlorotrifluoroeth	3.386	3.374	0.4	99	0.00
10 M	1,1-Dichloroethene	3.287	3.180	3.3	97	0.00
11	Methyl Iodide	3.960	3.711	6.3	94	0.00
12	Methyl Acetate	5.406	5.358	0.9	99	0.01
13 M	Acrolein	0.799	0.723	9.5	92	0.00
14 M	Acrylonitrile	1.781	1.718	3.5	97	0.00
15 M	Acetone	0.485	0.476	1.9	98	0.00
16 M	Carbon Disulfide	9.114	9.105	0.1	101	0.00
17	Allyl chloride	4.930	5.057	-2.6	105	0.00
18 M	Methylene Chloride	3.845	3.738	2.8	99	0.00
19 M	trans-1,2-Dichloroethene	3.463	3.541	-2.3	104	0.00
20 T	Diisopropyl ether	11.122	11.171	-0.4	98	0.00
21 M	1,1-Dichloroethane	6.618	6.526	1.4	100	0.00
22 M	cis-1,2-Dichloroethene	3.969	3.977	-0.2	99	0.00
23 M	tert-Butyl Alcohol	0.517	0.512	1.0	99	0.00
24 M	Methyl tert-Butyl Ether	10.716	10.812	-0.9	100	0.00
25 M	Chloroform	6.799	6.587	3.1	99	0.00
26	Cyclohexane	6.043	6.011	0.5	98	0.00
27 s	1,2-Dichloroethane-d4	2.757	2.839	-3.0	90	0.00
28 I	1,4-Difluorobenzene	1.000	1.000	0.0	91	0.00
29	1,1-Dichloropropene	0.707	0.694	1.8	104	0.00
30 M	2-Butanone	0.322	0.297	7.8	97	0.00
31	2,2-Dichloropropane	0.700	0.663	5.3	99	0.00
32 M	1,1,1-Trichloroethane	0.824	0.795	3.5	101	0.00
33 M	Carbon Tetrachloride	0.729	0.697	4.4	102	0.00
34 M	Benzene	2.166	2.074	4.2	101	0.00
35	Methacrylonitrile	0.363	0.371	-2.2	110	0.00
36 M	1,2-Dichloroethane	0.726	0.699	3.7	102	0.00
37 M	Trichloroethene	0.534	0.498	6.7	98	0.00
38	Methylcyclohexane	0.880	0.842	4.3	100	0.00
39 M	1,2-Dichloropropane	0.557	0.525	5.7	97	0.00
40	Dibromomethane	0.355	0.334	5.9	98	0.00
41 M	Bromodichloromethane	0.727	0.687	5.5	99	0.00
42 M	Vinyl Acetate	1.005	0.944	6.1	99	0.00
43	Ethyl Acetate	0.651	0.639	1.8	103	0.00
44	Isopropyl Acetate	1.054	1.009	4.3	100	0.00
45 T	1,4-Dioxane	0.009	0.008	11.1	97	0.00
46	Methyl methacrylate	0.514	0.492	4.3	99	0.00
47	n-amyl Acetate	0.858	0.823	4.1	103	0.00
48 M	t-1,3-Dichloropropene	0.728	0.711	2.3	105	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
49 T	cis-1,3-Dichloropropene	0.827	0.799	3.4	102	0.00
50 M	1,1,2-Trichloroethane	0.519	0.483	6.9	100	0.00
51	Ethyl methacrylate	0.766	0.738	3.7	101	0.00
52	1,3-Dichloropropane	0.897	0.846	5.7	99	0.00
53 M	Dibromochloromethane	0.530	0.496	6.4	99	0.00
54 M	1,2-Dibromoethane	0.501	0.483	3.6	102	0.00
55 M	2-Chloroethyl vinyl ether	0.269	0.256	4.8	99	0.00
56 M	Bromoform	0.355	0.343	3.4	103	0.00
57 I	Chlorobenzene-d5	1.000	1.000	0.0	93	0.00
58 M	4-Methyl-2-Pentanone	0.606	0.586	3.3	99	0.00
59 M	2-Hexanone	0.431	0.416	3.5	99	0.00
60 S	4-Bromofluorobenzene	0.568	0.576	-1.4	93	0.00
61 M	Tetrachloroethene	0.474	0.445	6.1	98	0.00
62 M	Toluene	2.067	2.005	3.0	101	0.00
63 S	Toluene-d8	1.055	1.051	0.4	89	0.00
64 M	Chlorobenzene	1.217	1.195	1.8	102	0.00
65	1,1,1,2-Tetrachloroethane	0.457	0.433	5.3	100	0.00
66 M	Ethyl Benzene	2.244	2.180	2.9	101	0.00
67 M	m/p-Xylenes	0.850	0.836	1.6	100	0.00
68 M	o-Xylene	0.830	0.807	2.8	100	0.00
69 M	Styrene	1.346	1.332	1.0	100	0.00
70	Isopropylbenzene	2.160	2.132	1.3	101	0.00
71 M	1,1,2,2-Tetrachloroethane	0.651	0.623	4.3	100	0.00
72	1,2,3-Trichloropropane	0.597	0.576	3.5	103	0.00
73	Bromobenzene	0.487	0.467	4.1	101	0.00
74	n-propylbenzene	2.549	2.544	0.2	102	0.00
75	2-Chlorotoluene	1.576	1.536	2.5	101	0.00
76	1,3,5-Trimethylbenzene	1.869	1.841	1.5	101	0.00
77	t-1,4-Dichloro-2-butene	0.182	0.178	2.2	101	0.00
78	4-Chlorotoluene	1.520	1.507	0.9	103	0.00
79	tert-butylbenzene	1.563	1.526	2.4	101	0.00
80	1,2,4-Trimethylbenzene	1.837	1.839	-0.1	101	0.00
81	sec-Butylbenzene	2.236	2.203	1.5	100	0.00
82	p-Isopropyltoluene	1.808	1.815	-0.4	101	0.00
83 M	1,3-Dichlorobenzene	0.902	0.915	-1.4	105	0.00
84 M	1,4-Dichlorobenzene	0.876	0.892	-1.8	106	0.00
85	n-Butylbenzene	1.532	1.570	-2.5	107	0.00
86 T	Hexachloroethane	0.323	0.313	3.1	102	0.00
87 M	1,2-Dichlorobenzene	0.899	0.892	0.8	102	0.00
88	1,2-Dibromo-3-Chloropropane	0.127	0.127	0.0	108	0.00
89	1,2,4-Trichlorobenzene	0.480	0.492	-2.5	109	0.00
90	Hexachlorobutadiene	0.253	0.239	5.5	99	0.00
91 M	Naphthalene	1.521	1.539	-1.2	105	0.00
92	1,2,3-Trichlorobenzene	0.481	0.491	-2.1	105	0.00

(#) = Out of Range

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