

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN062422\
 Data File : VN073096.D
 Acq On : 24 Jun 2022 20:38
 Operator : JC\MD
 Sample : VSTDCCC020
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_N
 LabSampleId :
 VSTDCCC020

Quant Time: Jun 24 23:34:37 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N062322W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Fri Jun 24 04:54:59 2022
 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	94	0.00
2 M	Dichlorodifluoromethane	2.367	2.402	-1.5	89	0.00
3 M	Chloromethane	2.249	2.120	5.7	87	0.00
4 M	Vinyl Chloride	2.013	1.961	2.6	87	0.00
5 M	Bromomethane	0.663	0.798	-20.4	90	0.00
6 M	Chloroethane	1.242	1.165	6.2	82	0.00
7 M	Trichlorofluoromethane	3.654	3.107	15.0	80	0.00
8 T	Diethyl Ether	1.495	1.455	2.7	89	0.00
9	1,1,2-Trichlorotrifluoroeth	2.019	1.991	1.4	92	0.00
10 M	1,1-Dichloroethene	2.066	1.968	4.7	89	0.00
11	Methyl Iodide	1.971	1.826	7.4	96	0.00
12	Methyl Acetate	4.302	4.098	4.7	90	0.00
13 M	Acrolein	0.434	0.496	-14.3	104	0.00
14 M	Acrylonitrile	1.639	1.678	-2.4	96	0.00
15 M	Acetone	0.452	0.453	-0.2	90	0.00
16 M	Carbon Disulfide	5.447	5.052	7.3	90	0.00
17	Allyl chloride	3.921	3.999	-2.0	99	0.00
18 M	Methylene Chloride	2.464	2.395	2.8	92	0.00
19 M	trans-1,2-Dichloroethene	2.180	2.090	4.1	90	0.00
20 T	Diisopropyl ether	8.250	8.028	2.7	92	0.00
21 M	1,1-Dichloroethane	4.329	4.135	4.5	91	0.00
22 M	cis-1,2-Dichloroethene	2.592	2.481	4.3	91	0.00
23 M	tert-Butyl Alcohol	0.669	0.644	3.7	94	0.00
24 M	Methyl tert-Butyl Ether	7.706	7.278	5.6	88	0.00
25 M	Chloroform	4.308	4.131	4.1	90	0.00
26	Cyclohexane	3.790	3.572	5.8	89	0.00
27 s	1,2-Dichloroethane-d4	2.892	2.859	1.1	91	0.00
28 I	1,4-Difluorobenzene	1.000	1.000	0.0	91	0.00
29	1,1-Dichloropropene	0.542	0.513	5.4	90	0.00
30 M	2-Butanone	0.418	0.436	-4.3	95	0.00
31	2,2-Dichloropropane	0.265	0.454	-71.3#	153#	0.00
32 M	1,1,1-Trichloroethane	0.666	0.643	3.5	91	0.00
33 M	Carbon Tetrachloride	0.564	0.536	5.0	90	0.00
34 M	Benzene	1.688	1.700	-0.7	92	0.00
35	Methacrylonitrile	0.372	0.378	-1.6	92	0.00
36 M	1,2-Dichloroethane	0.626	0.601	4.0	89	0.00
37 M	Trichloroethene	0.420	0.404	3.8	92	0.00
38	Methylcyclohexane	0.642	0.611	4.8	88	0.00
39 M	1,2-Dichloropropane	0.437	0.428	2.1	91	0.00
40	Dibromomethane	0.295	0.291	1.4	91	0.00
41 M	Bromodichloromethane	0.594	0.571	3.9	92	0.00
42 M	Vinyl Acetate	1.292	1.299	-0.5	94	0.00
43	Ethyl Acetate	0.787	0.780	0.9	85	0.00
44	Isopropyl Acetate	1.215	1.233	-1.5	96	0.00
45 T	1,4-Dioxane	0.011	0.012	-9.1	99	0.00
46	Methyl methacrylate	0.553	0.534	3.4	93	0.00
47	n-amyl Acetate	0.974	0.948	2.7	96	0.00
48 M	t-1,3-Dichloropropene	0.556	0.564	-1.4	99	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
49 T	cis-1,3-Dichloropropene	0.602	0.631	-4.8	100	0.00
50 M	1,1,2-Trichloroethane	0.428	0.412	3.7	89	0.00
51	Ethyl methacrylate	0.725	0.678	6.5	88	0.00
52	1,3-Dichloropropane	0.736	0.722	1.9	92	0.00
53 M	Dibromochloromethane	0.445	0.416	6.5	92	0.00
54 M	1,2-Dibromoethane	0.449	0.423	5.8	89	0.00
55 M	2-Chloroethyl vinyl ether	0.310	0.359	-15.8	105	0.00
56 M	Bromoform	0.326	0.283	13.2	88	0.00
57 I	Chlorobenzene-d5	1.000	1.000	0.0	91	0.00
58 M	4-Methyl-2-Pentanone	0.873	0.922	-5.6	94	0.00
59 M	2-Hexanone	0.666	0.717	-7.7	97	0.00
60 S	4-Bromofluorobenzene	0.574	0.560	2.4	92	0.00
61 M	Tetrachloroethene	0.388	0.397	-2.3	95	0.00
62 M	Toluene	1.994	1.985	0.5	90	0.00
63 S	Toluene-d8	1.625	1.673	-3.0	93	0.00
64 M	Chlorobenzene	1.200	1.154	3.8	89	0.00
65	1,1,1,2-Tetrachloroethane	0.456	0.442	3.1	90	0.00
66 M	Ethyl Benzene	2.197	2.125	3.3	90	0.00
67 M	m/p-Xylenes	0.824	0.805	2.3	90	0.00
68 M	o-Xylene	0.832	0.806	3.1	89	0.00
69 M	Styrene	1.331	1.280	3.8	89	0.00
70	Isopropylbenzene	2.128	2.052	3.6	89	0.00
71 M	1,1,2,2-Tetrachloroethane	0.735	0.727	1.1	91	0.00
72	1,2,3-Trichloropropane	0.563	0.612	-8.7	97	0.00
73	Bromobenzene	0.496	0.476	4.0	90	0.00
74	n-propylbenzene	2.412	2.311	4.2	91	0.00
75	2-Chlorotoluene	1.508	1.449	3.9	90	0.00
76	1,3,5-Trimethylbenzene	1.769	1.674	5.4	88	0.00
77	t-1,4-Dichloro-2-butene	0.178	0.200	-12.4	114	0.00
78	4-Chlorotoluene	1.451	1.365	5.9	89	0.00
79	tert-butylbenzene	1.564	1.516	3.1	90	0.00
80	1,2,4-Trimethylbenzene	1.736	2.022	-16.5	108	0.14
81	sec-Butylbenzene	2.108	2.022	4.1	91	0.00
82	p-Isopropyltoluene	1.712	1.641	4.1	91	0.00
83 M	1,3-Dichlorobenzene	0.874	0.820	6.2	88	0.00
84 M	1,4-Dichlorobenzene	0.873	0.825	5.5	89	0.00
85	n-Butylbenzene	1.393	1.270	8.8	93	0.00
86 T	Hexachloroethane	0.335	0.309	7.8	91	0.00
87 M	1,2-Dichlorobenzene	0.914	0.881	3.6	91	0.00
88	1,2-Dibromo-3-Chloropropane	0.187	0.178	4.8	90	0.00
89	1,2,4-Trichlorobenzene	0.480	0.425	11.5	89	0.00
90	Hexachlorobutadiene	0.194	0.185	4.6	94	0.00
91 M	Naphthalene	1.874	1.769	5.6	91	0.00
92	1,2,3-Trichlorobenzene	0.489	0.459	6.1	93	0.00

(#) = Out of Range

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