

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN042823\
 Data File : VN077510.D
 Acq On : 28 Apr 2023 19:30
 Operator : JC\MD
 Sample : VSTDCCC020
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_N
 LabSampleId :
 VSTDCCC020

Quant Time: Apr 28 22:46:17 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N042823W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Fri Apr 28 16:20:59 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	98	0.00
2 M	Dichlorodifluoromethane	3.735	3.331	10.8	87	0.00
3 M	Chloromethane	2.759	2.521	8.6	89	0.00
4 M	Vinyl Chloride	3.837	3.607	6.0	90	0.00
5 M	Bromomethane	3.239	2.964	8.5	95	0.00
6 M	Chloroethane	2.763	2.513	9.0	92	0.00
7 M	Trichlorofluoromethane	5.659	5.489	3.0	94	-0.01
8 T	Diethyl Ether	1.980	1.874	5.4	92	0.00
9	1,1,2-Trichlorotrifluoroeth	3.198	3.065	4.2	92	0.00
10 M	1,1-Dichloroethene	3.068	2.865	6.6	91	0.00
11	Methyl Iodide	3.764	3.425	9.0	87	0.00
12	Methyl Acetate	4.425	4.170	5.8	88	0.01
13 M	Acrolein	0.531	0.540	-1.7	95	0.00
14 M	Acrylonitrile	1.358	1.263	7.0	90	0.00
15 M	Acetone	0.433	0.372	14.1	76	0.00
16 M	Carbon Disulfide	7.695	6.837	11.2	88	-0.01
17	Allyl chloride	3.365	2.894	14.0	86	0.00
18 M	Methylene Chloride	3.620	3.393	6.3	91	0.00
19 M	trans-1,2-Dichloroethene	3.390	3.170	6.5	91	0.00
20 T	Diisopropyl ether	7.832	7.542	3.7	92	0.00
21 M	1,1-Dichloroethane	5.724	5.428	5.2	92	0.00
22 M	cis-1,2-Dichloroethene	4.061	3.751	7.6	90	0.00
23 M	tert-Butyl Alcohol	0.586	0.533	9.0	89	0.00
24 M	Methyl tert-Butyl Ether	10.643	10.091	5.2	94	0.00
25 M	Chloroform	6.579	6.334	3.7	92	0.00
26	Cyclohexane	4.669	4.404	5.7	90	0.00
27 s	1,2-Dichloroethane-d4	2.675	2.635	1.5	96	0.00
28 I	1,4-Difluorobenzene	1.000	1.000	0.0	97	0.00
29	1,1-Dichloropropene	0.632	0.596	5.7	90	0.00
30 M	2-Butanone	0.232	0.207	10.8	83	0.00
31	2,2-Dichloropropane	0.740	0.686	7.3	88	0.00
32 M	1,1,1-Trichloroethane	0.816	0.784	3.9	90	0.00
33 M	Carbon Tetrachloride	0.708	0.658	7.1	89	0.00
34 M	Benzene	1.945	1.827	6.1	89	0.00
35	Methacrylonitrile	0.237	0.237	0.0	95	0.00
36 M	1,2-Dichloroethane	0.664	0.655	1.4	92	0.00
37 M	Trichloroethene	0.492	0.467	5.1	91	0.00
38	Methylcyclohexane	0.831	0.764	8.1	88	0.00
39 M	1,2-Dichloropropane	0.450	0.434	3.6	93	0.00
40	Dibromomethane	0.355	0.336	5.4	92	0.00
41 M	Bromodichloromethane	0.702	0.672	4.3	92	0.00
42 M	Vinyl Acetate	0.730	0.619	15.2	89	0.00
43	Ethyl Acetate	0.449	0.435	3.1	89	0.00
44	Isopropyl Acetate	0.795	0.768	3.4	90	0.00
45 T	1,4-Dioxane	0.010	0.009	10.0	87	0.00
46	Methyl methacrylate	0.362	0.338	6.6	90	0.00
47	n-amyl Acetate	0.637	0.598	6.1	90	0.00
48 M	t-1,3-Dichloropropene	0.714	0.667	6.6	89	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
49 T	cis-1,3-Dichloropropene	0.771	0.735	4.7	90	0.00
50 M	1,1,2-Trichloroethane	0.504	0.481	4.6	90	0.00
51	Ethyl methacrylate	0.698	0.689	1.3	94	0.00
52	1,3-Dichloropropane	0.818	0.793	3.1	92	0.00
53 M	Dibromochloromethane	0.519	0.505	2.7	91	0.00
54 M	1,2-Dibromoethane	0.516	0.501	2.9	96	0.00
55 M	2-Chloroethyl vinyl ether	0.229	0.207	9.6	86	0.00
56 M	Bromoform	0.324	0.304	6.2	89	0.00
57 I	Chlorobenzene-d5	1.000	1.000	0.0	95	0.00
58 M	4-Methyl-2-Pentanone	0.432	0.422	2.3	92	0.00
59 M	2-Hexanone	0.318	0.306	3.8	89	0.00
60 S	4-Bromofluorobenzene	0.526	0.535	-1.7	94	0.00
61 M	Tetrachloroethene	0.350	0.337	3.7	89	0.00
62 M	Toluene	2.018	1.970	2.4	91	0.00
63 S	Toluene-d8	1.057	1.060	-0.3	96	0.00
64 M	Chlorobenzene	1.233	1.208	2.0	92	0.00
65	1,1,1,2-Tetrachloroethane	0.440	0.444	-0.9	94	0.00
66 M	Ethyl Benzene	2.203	2.151	2.4	92	0.00
67 M	m/p-Xylenes	0.858	0.845	1.5	92	0.00
68 M	o-Xylene	0.852	0.838	1.6	92	0.00
69 M	Styrene	1.325	1.289	2.7	91	0.00
70	Isopropylbenzene	2.163	2.168	-0.2	93	0.00
71 M	1,1,2,2-Tetrachloroethane	0.659	0.656	0.5	95	0.00
72	1,2,3-Trichloropropane	0.560	0.604	-7.9	102	0.00
73	Bromobenzene	0.465	0.447	3.9	90	0.00
74	n-propylbenzene	2.407	2.337	2.9	91	0.00
75	2-Chlorotoluene	1.485	1.462	1.5	93	0.00
76	1,3,5-Trimethylbenzene	1.667	1.655	0.7	91	0.00
77	t-1,4-Dichloro-2-butene	0.185	0.172	7.0	84	0.00
78	4-Chlorotoluene	1.406	1.359	3.3	90	0.00
79	tert-butylbenzene	1.542	1.543	-0.1	91	0.00
80	1,2,4-Trimethylbenzene	1.533	1.502	2.0	88	0.00
81	sec-Butylbenzene	2.150	2.104	2.1	90	0.00
82	p-Isopropyltoluene	1.685	1.626	3.5	89	0.00
83 M	1,3-Dichlorobenzene	0.814	0.788	3.2	90	0.00
84 M	1,4-Dichlorobenzene	0.804	0.758	5.7	89	0.00
85	n-Butylbenzene	1.302	1.189	8.7	85	0.00
86 T	Hexachloroethane	0.341	0.338	0.9	92	0.00
87 M	1,2-Dichlorobenzene	0.828	0.786	5.1	88	0.00
88	1,2-Dibromo-3-Chloropropane	0.122	0.113	7.4	89	0.00
89	1,2,4-Trichlorobenzene	0.217	0.169	22.1	81	0.00
90	Hexachlorobutadiene	0.177	0.163	7.9	89	0.00
91 M	Naphthalene	0.793	0.622	21.6	85	0.00
92	1,2,3-Trichlorobenzene	0.203	0.163	19.7	88	0.00

(#) = Out of Range

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