

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN050523\
 Data File : VN077590.D
 Acq On : 05 May 2023 13:42
 Operator : JC\MD
 Sample : VSTDCCC020
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_N
 LabSampleId :
 VSTDCCC020

Quant Time: May 06 02:27:53 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	3.718	0.5	96	0.00
3 M	Chloromethane	2.759	3.145	-14.0	111	0.00
4 M	Vinyl Chloride	3.837	3.904	-1.7	97	0.00
5 M	Bromomethane	3.239	2.831	12.6	90	0.00
6 M	Chloroethane	2.763	2.730	1.2	99	0.00
7 M	Trichlorofluoromethane	5.659	5.886	-4.0	100	0.00
8 T	Diethyl Ether	1.980	2.168	-9.5	106	0.00
9	1,1,2-Trichlorotrifluoroeth	3.198	3.171	0.8	94	0.00
10 M	1,1-Dichloroethene	3.068	2.977	3.0	94	0.00
11	Methyl Iodide	3.764	3.678	2.3	93	0.00
12	Methyl Acetate	4.425	5.226	-18.1	110	0.00
13 M	Acrolein	0.531	0.558	-5.1	98	0.00
14 M	Acrylonitrile	1.358	1.449	-6.7	103	0.00
15 M	Acetone	0.433	0.404	6.7	82	0.00
16 M	Carbon Disulfide	7.695	7.423	3.5	95	0.00
17	Allyl chloride	3.365	3.701	-10.0	109	0.00
18 M	Methylene Chloride	3.620	3.658	-1.0	98	0.00
19 M	trans-1,2-Dichloroethene	3.390	3.285	3.1	93	0.00
20 T	Diisopropyl ether	7.832	9.324	-19.1	113	0.00
21 M	1,1-Dichloroethane	5.724	6.253	-9.2	105	0.00
22 M	cis-1,2-Dichloroethene	4.061	4.112	-1.3	98	0.00
23 M	tert-Butyl Alcohol	0.586	0.604	-3.1	100	0.00
24 M	Methyl tert-Butyl Ether	10.643	10.976	-3.1	101	0.00
25 M	Chloroform	6.579	6.965	-5.9	101	0.00
26	Cyclohexane	4.669	4.961	-6.3	101	0.00
27 s	1,2-Dichloroethane-d4	2.675	2.888	-8.0	105	0.00
28 I	1,4-Difluorobenzene	1.000	1.000	0.0	95	0.00
29	1,1-Dichloropropene	0.632	0.677	-7.1	100	0.00
30 M	2-Butanone	0.232	0.257	-10.8	101	0.00
31	2,2-Dichloropropane	0.740	0.717	3.1	91	0.00
32 M	1,1,1-Trichloroethane	0.816	0.859	-5.3	97	0.00
33 M	Carbon Tetrachloride	0.708	0.711	-0.4	94	0.00
34 M	Benzene	1.945	2.065	-6.2	99	0.00
35	Methacrylonitrile	0.237	0.296	-24.9	116	0.00
36 M	1,2-Dichloroethane	0.664	0.735	-10.7	101	0.00
37 M	Trichloroethene	0.492	0.497	-1.0	95	0.00
38	Methylcyclohexane	0.831	0.801	3.6	90	0.00
39 M	1,2-Dichloropropane	0.450	0.487	-8.2	103	0.00
40	Dibromomethane	0.355	0.370	-4.2	99	0.00
41 M	Bromodichloromethane	0.702	0.749	-6.7	100	0.00
42 M	Vinyl Acetate	0.730	0.799	-9.5	113	0.00
43	Ethyl Acetate	0.449	0.513	-14.3	103	0.00
44	Isopropyl Acetate	0.795	0.911	-14.6	104	0.00
45 T	1,4-Dioxane	0.010	0.010	0.0	94	0.00
46	Methyl methacrylate	0.362	0.425	-17.4	110	0.00
47	n-amyl Acetate	0.637	0.738	-15.9	109	0.00
48 M	t-1,3-Dichloropropene	0.714	0.737	-3.2	96	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
49 T	cis-1,3-Dichloropropene	0.771	0.811	-5.2	97	0.00
50 M	1,1,2-Trichloroethane	0.504	0.532	-5.6	97	0.00
51	Ethyl methacrylate	0.698	0.767	-9.9	102	0.00
52	1,3-Dichloropropane	0.818	0.871	-6.5	99	0.00
53 M	Dibromochloromethane	0.519	0.528	-1.7	93	0.00
54 M	1,2-Dibromoethane	0.516	0.528	-2.3	99	0.00
55 M	2-Chloroethyl vinyl ether	0.229	0.203	11.4	82	0.00
56 M	Bromoform	0.324	0.315	2.8	91	0.00
57 I	Chlorobenzene-d5	1.000	1.000	0.0	96	0.00
58 M	4-Methyl-2-Pentanone	0.432	0.502	-16.2	111	0.00
59 M	2-Hexanone	0.318	0.355	-11.6	105	0.00
60 S	4-Bromofluorobenzene	0.526	0.553	-5.1	99	0.00
61 M	Tetrachloroethene	0.350	0.341	2.6	92	0.00
62 M	Toluene	2.018	2.089	-3.5	98	0.00
63 S	Toluene-d8	1.057	1.056	0.1	97	0.00
64 M	Chlorobenzene	1.233	1.244	-0.9	97	0.00
65	1,1,1,2-Tetrachloroethane	0.440	0.452	-2.7	97	0.00
66 M	Ethyl Benzene	2.203	2.304	-4.6	101	0.00
67 M	m/p-Xylenes	0.858	0.888	-3.5	98	0.00
68 M	o-Xylene	0.852	0.891	-4.6	100	0.00
69 M	Styrene	1.325	1.380	-4.2	99	0.00
70	Isopropylbenzene	2.163	2.236	-3.4	97	0.00
71 M	1,1,2,2-Tetrachloroethane	0.659	0.669	-1.5	98	0.00
72	1,2,3-Trichloropropane	0.560	0.565	-0.9	97	0.00
73	Bromobenzene	0.465	0.460	1.1	94	0.00
74	n-propylbenzene	2.407	2.515	-4.5	100	0.00
75	2-Chlorotoluene	1.485	1.561	-5.1	101	0.00
76	1,3,5-Trimethylbenzene	1.667	1.766	-5.9	99	0.00
77	t-1,4-Dichloro-2-butene	0.185	0.165	10.8	82	0.00
78	4-Chlorotoluene	1.406	1.474	-4.8	99	0.00
79	tert-butylbenzene	1.542	1.586	-2.9	95	0.00
80	1,2,4-Trimethylbenzene	1.533	1.633	-6.5	97	0.00
81	sec-Butylbenzene	2.150	2.213	-2.9	96	0.00
82	p-Isopropyltoluene	1.685	1.708	-1.4	95	0.00
83 M	1,3-Dichlorobenzene	0.814	0.811	0.4	94	0.00
84 M	1,4-Dichlorobenzene	0.804	0.802	0.2	95	0.00
85	n-Butylbenzene	1.302	1.298	0.3	95	0.00
86 T	Hexachloroethane	0.341	0.334	2.1	93	0.00
87 M	1,2-Dichlorobenzene	0.828	0.808	2.4	92	0.00
88	1,2-Dibromo-3-Chloropropane	0.122	0.119	2.5	96	0.00
89	1,2,4-Trichlorobenzene	0.217	0.181	16.6	88	0.00
90	Hexachlorobutadiene	0.177	0.167	5.6	93	0.00
91 M	Naphthalene	0.793	0.642	19.0	89	0.00
92	1,2,3-Trichlorobenzene	0.203	0.168	17.2	92	0.00

(#) = Out of Range

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