

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN032322\
 Data File : VN071504.D
 Acq On : 23 Mar 2022 12:43
 Operator : JC\MD
 Sample : VSTDCCC020
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_N
 LabSampleId :
 VSTDCCC020

Quant Time: Mar 23 16:51:56 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N031722W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Thu Mar 17 06:37:08 2022
 Response via : Initial Calibration

Min. RRF : 0.050 Min. Rel. Area : 20% Max. R.T. Dev 0.50min
 Max. RRF Dev : 30% Max. Rel. Area : 150%

	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
1 I	Bromochloromethane	1.000	1.000	0.0	123	0.00
2 M	Dichlorodifluoromethane	1.940	1.858	4.2	117	0.00
3 M	Chloromethane	2.588	2.169	16.2	103	0.00
4 M	Vinyl Chloride	2.377	2.450	-3.1	126	0.00
5 M	Bromomethane	1.191	1.579	-32.6#	151#	0.00
6 M	Chloroethane	1.446	1.652	-14.2	138	0.00
7 M	Trichlorofluoromethane	2.997	2.795	6.7	115	0.00
8 T	Diethyl Ether	1.302	1.128	13.4	112	0.00
9	1,1,2-Trichlorotrifluoroeth	1.685	1.713	-1.7	127	0.00
10 M	1,1-Dichloroethene	1.715	1.644	4.1	120	0.00
11	Methyl Iodide	2.362	2.270	3.9	124	0.00
12	Methyl Acetate	3.283	2.231	32.0#	86	0.00
13 M	Acrolein	0.430	0.242	43.7#	70	0.00
14 M	Acrylonitrile	1.368	1.002	26.8	93	0.00
15 M	Acetone	0.360	0.262	27.2	93	-0.01
16 M	Carbon Disulfide	4.638	4.163	10.2	116	0.00
17	Allyl chloride	3.535	2.505	29.1	89	0.00
18 M	Methylene Chloride	2.091	1.976	5.5	118	0.00
19 M	trans-1,2-Dichloroethene	1.803	1.791	0.7	126	0.00
20 T	Diisopropyl ether	7.114	5.555	21.9	101	-0.01
21 M	1,1-Dichloroethane	3.785	3.309	12.6	108	0.00
22 M	cis-1,2-Dichloroethene	2.185	2.121	2.9	123	0.00
23 M	tert-Butyl Alcohol	0.506	0.325	35.8#	83	-0.01
24 M	Methyl tert-Butyl Ether	6.546	5.754	12.1	111	0.00
25 M	Chloroform	3.636	3.417	6.0	116	0.00
26	Cyclohexane	3.427	2.889	15.7	107	0.00
27 s	1,2-Dichloroethane-d4	2.382	2.126	10.7	110	0.00
28 I	1,4-Difluorobenzene	1.000	1.000	0.0	122	0.00
29	1,1-Dichloropropene	0.483	0.453	6.2	116	0.00
30 M	2-Butanone	0.342	0.235	31.3#	85	0.00
31	2,2-Dichloropropane	0.453	0.491	-8.4	131	0.00
32 M	1,1,1-Trichloroethane	0.563	0.530	5.9	115	0.00
33 M	Carbon Tetrachloride	0.479	0.446	6.9	113	0.00
34 M	Benzene	1.494	1.425	4.6	116	0.00
35	Methacrylonitrile	0.331	0.224	32.3#	82	0.00
36 M	1,2-Dichloroethane	0.534	0.497	6.9	113	0.00
37 M	Trichloroethene	0.356	0.365	-2.5	128	0.00
38	Methylcyclohexane	0.579	0.584	-0.9	127	0.00
39 M	1,2-Dichloropropane	0.396	0.352	11.1	108	0.00
40	Dibromomethane	0.251	0.239	4.8	117	0.00
41 M	Bromodichloromethane	0.505	0.471	6.7	115	0.00
42 M	Vinyl Acetate	1.117	0.849	24.0	93	0.00
43	Ethyl Acetate	0.665	0.477	28.3	88	0.00
44	Isopropyl Acetate	1.069	0.764	28.5	90	0.00
45 T	1,4-Dioxane	0.010	0.007#	30.0	94	0.00
46	Methyl methacrylate	0.473	0.320	32.3#	89	0.00
47	n-amyl Acetate	0.709	0.482	32.0#	89	0.00
48 M	t-1,3-Dichloropropene	0.550	0.490	10.9	114	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
49 T	cis-1,3-Dichloropropene	0.595	0.549	7.7	116	0.00
50 M	1,1,2-Trichloroethane	0.365	0.358	1.9	122	0.00
51	Ethyl methacrylate	0.628	0.525	16.4	107	0.00
52	1,3-Dichloropropane	0.657	0.608	7.5	114	0.00
53 M	Dibromochloromethane	0.380	0.363	4.5	120	0.00
54 M	1,2-Dibromoethane	0.378	0.361	4.5	120	0.00
55 M	2-Chloroethyl vinyl ether	0.190	0.143	24.7	104	0.00
56 M	Bromoform	0.293	0.263	10.2	117	0.00
57 I	Chlorobenzene-d5	1.000	1.000	0.0	120	0.00
58 M	4-Methyl-2-Pentanone	0.720	0.520	27.8	85	0.00
59 M	2-Hexanone	0.535	0.373	30.3#	84	0.00
60 S	4-Bromofluorobenzene	0.463	0.444	4.1	116	0.00
61 M	Tetrachloroethene	0.327	0.358	-9.5	132	0.00
62 M	Toluene	1.715	1.766	-3.0	121	0.00
63 S	Toluene-d8	1.380	1.408	-2.0	120	0.00
64 M	Chlorobenzene	1.040	1.072	-3.1	124	0.00
65	1,1,1,2-Tetrachloroethane	0.386	0.385	0.3	119	0.00
66 M	Ethyl Benzene	1.890	1.875	0.8	120	0.00
67 M	m/p-Xylenes	0.710	0.737	-3.8	126	0.00
68 M	o-Xylene	0.715	0.734	-2.7	123	0.00
69 M	Styrene	1.127	1.120	0.6	123	0.00
70	Isopropylbenzene	1.808	1.844	-2.0	124	0.00
71 M	1,1,2,2-Tetrachloroethane	0.627	0.599	4.5	113	0.00
72	1,2,3-Trichloropropane	0.570	0.439	23.0	102	0.00
73	Bromobenzene	0.423	0.430	-1.7	125	0.00
74	n-propylbenzene	1.993	1.977	0.8	123	0.00
75	2-Chlorotoluene	1.249	1.251	-0.2	122	0.00
76	1,3,5-Trimethylbenzene	1.435	1.470	-2.4	124	0.00
77	t-1,4-Dichloro-2-butene	0.189	0.160	15.3	110	0.00
78	4-Chlorotoluene	1.158	1.155	0.3	126	0.00
79	tert-butylbenzene	1.311	1.327	-1.2	123	0.00
80	1,2,4-Trimethylbenzene	1.392	1.455	-4.5	124	0.00
81	sec-Butylbenzene	1.745	1.762	-1.0	126	0.00
82	p-Isopropyltoluene	1.403	1.414	-0.8	125	0.00
83 M	1,3-Dichlorobenzene	0.691	0.728	-5.4	130	0.00
84 M	1,4-Dichlorobenzene	0.658	0.691	-5.0	132	0.00
85	n-Butylbenzene	1.045	0.984	5.8	126	0.00
86 T	Hexachloroethane	0.267	0.260	2.6	125	0.00
87 M	1,2-Dichlorobenzene	0.671	0.723	-7.7	129	0.00
88	1,2-Dibromo-3-Chloropropane	0.120	0.099	17.5	102	0.00
89	1,2,4-Trichlorobenzene	0.310	0.297	4.2	126	0.00
90	Hexachlorobutadiene	0.175	0.206	-17.7	143	0.00
91 M	Naphthalene	0.972	0.744	23.5	107	0.00
92	1,2,3-Trichlorobenzene	0.318	0.293	7.9	120	0.00

(#) = Out of Range

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