

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN121321\
 Data File : VN070041.D
 Acq On : 13 Dec 2021 19:02
 Operator : JC/MD
 Sample : VSTDCCC020
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_N
 LabSampleId :
 VSTDCCC020

Quant Time: Dec 14 05:28:31 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N121321W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Tue Dec 14 00:59:04 2021
 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	92	0.00
2 M	Dichlorodifluoromethane	2.177	2.248	-3.3	94	0.00
3 M	Chloromethane	2.494	2.593	-4.0	96	0.00
4 M	Vinyl Chloride	2.346	2.315	1.3	94	0.00
5 M	Bromomethane	1.283	1.239	3.4	92	0.01
6 M	Chloroethane	1.347	1.358	-0.8	95	0.00
7 M	Trichlorofluoromethane	3.063	3.032	1.0	92	0.00
8 T	Diethyl Ether	1.216	1.169	3.9	94	0.00
9	1,1,2-Trichlorotrifluoroeth	1.799	1.733	3.7	91	0.00
10 M	1,1-Dichloroethene	1.711	1.650	3.6	92	0.00
11	Methyl Iodide	2.395	2.306	3.7	92	0.00
12	Methyl Acetate	4.216	4.327	-2.6	103	0.00
13 M	Acrolein	0.341	0.332	2.6	100	0.00
14 M	Acrylonitrile	1.217	1.251	-2.8	104	0.00
15 M	Acetone	0.442	0.360	18.6	71	0.00
16 M	Carbon Disulfide	5.157	4.842	6.1	89	0.00
17	Allyl chloride	3.849	3.675	4.5	94	0.00
18 M	Methylene Chloride	2.063	2.049	0.7	96	0.00
19 M	trans-1,2-Dichloroethene	1.818	1.722	5.3	90	0.00
20 T	Diisopropyl ether	7.372	7.313	0.8	97	0.00
21 M	1,1-Dichloroethane	3.886	3.755	3.4	94	0.00
22 M	cis-1,2-Dichloroethene	2.152	2.066	4.0	94	0.00
23 M	tert-Butyl Alcohol	0.385	0.390	-1.3	112	0.00
24 M	Methyl tert-Butyl Ether	6.077	6.032	0.7	98	0.00
25 M	Chloroform	3.861	3.816	1.2	95	0.00
26	Cyclohexane	3.597	3.459	3.8	93	0.00
27 s	1,2-Dichloroethane-d4	2.659	2.708	-1.8	94	0.00
28 I	1,4-Difluorobenzene	1.000	1.000	0.0	91	0.00
29	1,1-Dichloropropene	0.517	0.500	3.3	91	0.00
30 M	2-Butanone	0.355	0.341	3.9	91	0.00
31	2,2-Dichloropropane	0.540	0.491	9.1	90	0.00
32 M	1,1,1-Trichloroethane	0.598	0.589	1.5	96	0.00
33 M	Carbon Tetrachloride	0.532	0.525	1.3	94	0.00
34 M	Benzene	1.527	1.515	0.8	94	0.00
35	Methacrylonitrile	0.329	0.356	-8.2	112	0.00
36 M	1,2-Dichloroethane	0.603	0.592	1.8	94	0.00
37 M	Trichloroethene	0.363	0.344	5.2	92	0.00
38	Methylcyclohexane	0.614	0.567	7.7	89	0.00
39 M	1,2-Dichloropropane	0.407	0.409	-0.5	96	0.00
40	Dibromomethane	0.269	0.268	0.4	94	0.00
41 M	Bromodichloromethane	0.568	0.559	1.6	94	0.00
42 M	Vinyl Acetate	1.044	0.919	12.0	87	0.00
43	Ethyl Acetate	0.617	0.635	-2.9	105	0.00
44	Isopropyl Acetate	0.994	1.018	-2.4	103	0.00
45 T	1,4-Dioxane	0.007	0.008#	-14.3	109	0.00
46	Methyl methacrylate	0.471	0.457	3.0	96	0.00
47	n-amyl Acetate	0.693	0.639	7.8	105	0.00
48 M	t-1,3-Dichloropropene	0.571	0.520	8.9	93	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
49 T	cis-1,3-Dichloropropene	0.620	0.585	5.6	95	0.00
50 M	1,1,2-Trichloroethane	0.365	0.370	-1.4	98	0.00
51	Ethyl methacrylate	0.583	0.555	4.8	100	0.00
52	1,3-Dichloropropane	0.646	0.642	0.6	95	0.00
53 M	Dibromochloromethane	0.410	0.400	2.4	96	0.00
54 M	1,2-Dibromoethane	0.372	0.362	2.7	97	0.00
55 M	2-Chloroethyl vinyl ether	0.114	0.104	8.8	102	0.00
56 M	Bromoform	0.312	0.297	4.8	97	0.00
57 I	Chlorobenzene-d5	1.000	1.000	0.0	92	0.00
58 M	4-Methyl-2-Pentanone	0.689	0.747	-8.4	105	0.00
59 M	2-Hexanone	0.509	0.520	-2.2	99	0.00
60 S	4-Bromofluorobenzene	0.494	0.484	2.0	92	0.00
61 M	Tetrachloroethene	0.350	0.337	3.7	88	0.00
62 M	Toluene	1.764	1.764	0.0	93	0.00
63 S	Toluene-d8	1.386	1.443	-4.1	92	0.00
64 M	Chlorobenzene	1.047	1.013	3.2	92	0.00
65	1,1,1,2-Tetrachloroethane	0.394	0.398	-1.0	96	0.00
66 M	Ethyl Benzene	1.961	1.897	3.3	91	0.00
67 M	m/p-Xylenes	0.717	0.701	2.2	92	0.00
68 M	o-Xylene	0.709	0.684	3.5	91	0.00
69 M	Styrene	1.156	1.096	5.2	91	0.00
70	Isopropylbenzene	1.860	1.793	3.6	92	0.00
71 M	1,1,2,2-Tetrachloroethane	0.610	0.642	-5.2	100	0.00
72	1,2,3-Trichloropropane	0.568	0.614	-8.1	98	0.00
73	Bromobenzene	0.432	0.415	3.9	92	0.00
74	n-propylbenzene	2.156	2.018	6.4	90	0.00
75	2-Chlorotoluene	1.319	1.254	4.9	91	0.00
76	1,3,5-Trimethylbenzene	1.528	1.464	4.2	92	0.00
77	t-1,4-Dichloro-2-butene	0.179	0.170	5.0	103	0.00
78	4-Chlorotoluene	1.265	1.174	7.2	90	0.00
79	tert-butylbenzene	1.326	1.255	5.4	92	0.00
80	1,2,4-Trimethylbenzene	1.478	1.407	4.8	90	0.00
81	sec-Butylbenzene	1.851	1.736	6.2	92	0.00
82	p-Isopropyltoluene	1.475	1.348	8.6	89	0.00
83 M	1,3-Dichlorobenzene	0.730	0.686	6.0	91	0.00
84 M	1,4-Dichlorobenzene	0.702	0.642	8.5	89	0.00
85	n-Butylbenzene	1.232	1.014	17.7	85	0.00
86 T	Hexachloroethane	0.294	0.279	5.1	95	0.00
87 M	1,2-Dichlorobenzene	0.701	0.678	3.3	92	0.00
88	1,2-Dibromo-3-Chloropropane	0.117	0.120	-2.6	108	0.00
89	1,2,4-Trichlorobenzene	0.326	0.279	14.4	88	0.00
90	Hexachlorobutadiene	0.194	0.181	6.7	86	0.00
91 M	Naphthalene	0.847	0.726	14.3	101	0.00
92	1,2,3-Trichlorobenzene	0.308	0.284	7.8	94	0.00

(#) = Out of Range

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