

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN042321\
 Data File : VN066752.D
 Acq On : 23 Apr 2021 20:55
 Operator : JC/MD
 Sample : VSTDCCC020
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_N
 LabSampleId :
 VSTDCCC020

Quant Time: Apr 26 09:08:28 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N042021W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Wed Apr 21 16:55:39 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	104	0.00
2 M	Dichlorodifluoromethane	1.477	1.336	9.5	100	0.00
3 M	Chloromethane	2.298	2.129	7.4	101	0.00
4 M	Vinyl Chloride	2.190	2.138	2.4	109	0.00
5 M	Bromomethane	1.288	1.383	-7.4	115	0.00
6 M	Chloroethane	1.337	1.322	1.1	110	0.00
7 M	Trichlorofluoromethane	2.440	2.441	-0.0	112	0.00
8 T	Diethyl Ether	1.083	1.055	2.6	112	0.00
9	1,1,2-Trichlorotrifluoroeth	1.547	1.482	4.2	109	0.00
10 M	1,1-Dichloroethene	1.559	1.526	2.1	113	0.00
11	Methyl Iodide	2.361	2.237	5.3	109	0.00
12	Methyl Acetate	2.126	2.036	4.2	105	0.00
13 M	Acrolein	0.301	0.314	-4.3	114	0.00
14 M	Acrylonitrile	0.934	0.888	4.9	106	0.00
15 M	Acetone	0.245	0.231	5.7	101	0.00
16 M	Carbon Disulfide	4.808	4.450	7.4	105	0.00
17	Allyl chloride	3.091	2.910	5.9	107	0.00
18 M	Methylene Chloride	1.995	1.960	1.8	111	0.00
19 M	trans-1,2-Dichloroethene	1.765	1.698	3.8	109	0.00
20 T	Diisopropyl ether	6.502	6.235	4.1	109	0.00
21 M	1,1-Dichloroethane	3.495	3.400	2.7	112	0.00
22 M	cis-1,2-Dichloroethene	2.048	1.997	2.5	112	0.00
23 M	tert-Butyl Alcohol	0.318	0.290	8.8	102	0.00
24 M	Methyl tert-Butyl Ether	5.438	5.247	3.5	112	0.00
25 M	Chloroform	3.347	3.291	1.7	111	0.00
26	Cyclohexane	3.006	2.740	8.8	108	0.00
27 s	1,2-Dichloroethane-d4	2.162	2.073	4.1	98	0.00
28 I	1,4-Difluorobenzene	1.000	1.000	0.0	107	0.00
29	1,1-Dichloropropene	0.472	0.439	7.0	111	0.00
30 M	2-Butanone	0.228	0.204	10.5	102	0.00
31	2,2-Dichloropropane	0.544	0.476	12.5	101	0.00
32 M	1,1,1-Trichloroethane	0.533	0.511	4.1	111	0.00
33 M	Carbon Tetrachloride	0.450	0.431	4.2	112	0.00
34 M	Benzene	1.522	1.467	3.6	112	0.00
35	Methacrylonitrile	0.220	0.203	7.7	104	0.00
36 M	1,2-Dichloroethane	0.500	0.451	9.8	102	0.00
37 M	Trichloroethene	0.362	0.342	5.5	113	0.00
38	Methylcyclohexane	0.563	0.500	11.2	110	0.00
39 M	1,2-Dichloropropane	0.416	0.397	4.6	110	0.00
40	Dibromomethane	0.249	0.236	5.2	108	0.00
41 M	Bromodichloromethane	0.523	0.493	5.7	108	0.00
42 M	Vinyl Acetate	1.022	0.941	7.9	107	0.00
43	Ethyl Acetate	0.501	0.451	10.0	101	0.00
44	Isopropyl Acetate	0.837	0.753	10.0	105	0.00
45 T	1,4-Dioxane	0.006	0.006#	0.0	98	0.00
46	Methyl methacrylate	0.382	0.325	14.9	100	0.00
47	n-amyl Acetate	0.462	0.162	64.9#	137	0.00
48 M	t-1,3-Dichloropropene	0.572	0.511	10.7	106	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
49 T	cis-1,3-Dichloropropene	0.632	0.587	7.1	111	0.00
50 M	1,1,2-Trichloroethane	0.366	0.353	3.6	110	0.00
51	Ethyl methacrylate	0.517	0.461	10.8	111	0.00
52	1,3-Dichloropropane	0.624	0.580	7.1	108	0.00
53 M	Dibromochloromethane	0.396	0.374	5.6	109	0.00
54 M	1,2-Dibromoethane	0.367	0.342	6.8	106	0.00
55 M	2-Chloroethyl vinyl ether	0.079	0.112	-41.8#	185#	0.00
56 M	Bromoform	0.286	0.260	9.1	106	0.00
57 I	Chlorobenzene-d5	1.000	1.000	0.0	102	0.00
58 M	4-Methyl-2-Pentanone	0.511	0.475	7.0	100	0.00
59 M	2-Hexanone	0.328	0.291	11.3	99	0.00
60 S	4-Bromofluorobenzene	0.470	0.460	2.1	103	0.00
61 M	Tetrachloroethene	0.331	0.329	0.6	109	0.00
62 M	Toluene	1.703	1.667	2.1	109	0.00
63 S	Toluene-d8	1.380	1.409	-2.1	103	0.00
64 M	Chlorobenzene	1.019	0.983	3.5	108	0.00
65	1,1,1,2-Tetrachloroethane	0.382	0.382	0.0	112	0.00
66 M	Ethyl Benzene	1.819	1.708	6.1	108	0.00
67 M	m/p-Xylenes	0.683	0.659	3.5	110	0.00
68 M	o-Xylene	0.662	0.642	3.0	111	0.00
69 M	Styrene	1.065	1.008	5.4	112	0.00
70	Isopropylbenzene	1.730	1.678	3.0	111	0.00
71 M	1,1,2,2-Tetrachloroethane	0.571	0.569	0.4	104	0.00
72	1,2,3-Trichloropropane	0.497	0.474	4.6	109	0.00
73	Bromobenzene	0.438	0.427	2.5	111	0.00
74	n-propylbenzene	2.008	1.872	6.8	110	0.00
75	2-Chlorotoluene	1.202	1.165	3.1	110	0.00
76	1,3,5-Trimethylbenzene	1.463	1.407	3.8	110	0.00
77	t-1,4-Dichloro-2-butene	0.157	0.130	17.2	108	0.00
78	4-Chlorotoluene	1.179	1.127	4.4	113	0.00
79	tert-butylbenzene	1.225	1.196	2.4	114	0.00
80	1,2,4-Trimethylbenzene	1.403	1.344	4.2	114	0.00
81	sec-Butylbenzene	1.630	1.543	5.3	112	0.00
82	p-Isopropyltoluene	1.395	1.349	3.3	119	0.00
83 M	1,3-Dichlorobenzene	0.727	0.718	1.2	118	0.00
84 M	1,4-Dichlorobenzene	0.702	0.655	6.7	111	0.00
85	n-Butylbenzene	1.160	1.050	9.5	120	0.00
86 T	Hexachloroethane	0.294	0.284	3.4	112	0.00
87 M	1,2-Dichlorobenzene	0.714	0.738	-3.4	122	0.00
88	1,2-Dibromo-3-Chloropropane	0.098	0.097	1.0	126	0.00
89	1,2,4-Trichlorobenzene	0.413	0.444	-7.5	139	0.00
90	Hexachlorobutadiene	0.231	0.230	0.4	115	0.00
91 M	Naphthalene	0.992	1.216	-22.6	152#	0.00
92	1,2,3-Trichlorobenzene	0.390	0.428	-9.7	136	0.00

(#) = Out of Range

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