

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN100521\
 Data File : VN068810.D
 Acq On : 5 Oct 2021 18:16
 Operator : JC/MD
 Sample : VSTDCCC020
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_N
 LabSampleId :
 VSTDCCC020

Quant Time: Oct 06 01:35:45 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N092821W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Wed Sep 29 08:56:32 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	116	0.00
2 M	Dichlorodifluoromethane	1.330	1.133	14.8	91	0.00
3 M	Chloromethane	1.703	1.591	6.6	101	0.00
4 M	Vinyl Chloride	3.319	3.179	4.2	106	0.00
5 M	Bromomethane	3.222	3.081	4.4	112	0.00
6 M	Chloroethane	2.698	2.791	-3.4	112	0.00
7 M	Trichlorofluoromethane	2.769	2.756	0.5	107	0.00
8 T	Diethyl Ether	0.948	0.999	-5.4	117	0.00
9	1,1,2-Trichlorotrifluoroeth	1.603	1.515	5.5	103	0.00
10 M	1,1-Dichloroethene	1.479	1.399	5.4	104	0.00
11	Methyl Iodide	1.784	1.877	-5.2	120	0.00
12	Methyl Acetate	2.555	2.645	-3.5	113	0.00
13 M	Acrolein	0.107	0.076	29.0	80	0.00
14 M	Acrylonitrile	0.820	0.853	-4.0	118	0.00
15 M	Acetone	0.227	0.212	6.6	95	0.00
16 M	Carbon Disulfide	4.006	3.543	11.6	97	0.00
17	Allyl chloride	2.351	2.229	5.2	104	0.00
18 M	Methylene Chloride	1.858	1.835	1.2	110	0.00
19 M	trans-1,2-Dichloroethene	1.749	1.662	5.0	106	0.00
20 T	Diisopropyl ether	5.465	5.617	-2.8	115	0.00
21 M	1,1-Dichloroethane	3.173	3.172	0.0	112	0.00
22 M	cis-1,2-Dichloroethene	2.128	2.116	0.6	115	0.00
23 M	tert-Butyl Alcohol	0.304	0.323	-6.3	118	0.00
24 M	Methyl tert-Butyl Ether	5.811	5.888	-1.3	115	0.00
25 M	Chloroform	3.741	3.804	-1.7	115	0.00
26	Cyclohexane	2.762	2.552	7.6	105	0.00
27 s	1,2-Dichloroethane-d4	2.312	2.502	-8.2	118	0.00
28 I	1,4-Difluorobenzene	1.000	1.000	0.0	112	0.00
29	1,1-Dichloropropene	0.477	0.442	7.3	109	0.00
30 M	2-Butanone	0.214	0.215	-0.5	113	0.00
31	2,2-Dichloropropane	0.548	0.488	10.9	103	0.00
32 M	1,1,1-Trichloroethane	0.611	0.599	2.0	113	0.00
33 M	Carbon Tetrachloride	0.543	0.526	3.1	114	0.00
34 M	Benzene	1.414	1.387	1.9	113	0.00
35	Methacrylonitrile	0.215	0.218	-1.4	113	0.00
36 M	1,2-Dichloroethane	0.529	0.561	-6.0	121	0.00
37 M	Trichloroethene	0.374	0.360	3.7	110	0.00
38	Methylcyclohexane	0.590	0.508	13.9	101	0.00
39 M	1,2-Dichloropropane	0.350	0.356	-1.7	116	0.00
40	Dibromomethane	0.277	0.280	-1.1	119	0.00
41 M	Bromodichloromethane	0.542	0.554	-2.2	121	0.00
42 M	Vinyl Acetate	0.793	0.789	0.5	116	0.00
43	Ethyl Acetate	0.428	0.445	-4.0	128	0.00
44	Isopropyl Acetate	0.775	0.790	-1.9	118	0.00
45 T	1,4-Dioxane	0.006	0.007#	-16.7	124	0.00
46	Methyl methacrylate	0.343	0.338	1.5	121	0.00
47	n-amyl Acetate	0.657	0.636	3.2	117	0.00
48 M	t-1,3-Dichloropropene	0.589	0.560	4.9	113	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
49 T	cis-1,3-Dichloropropene	0.602	0.576	4.3	113	0.00
50 M	1,1,2-Trichloroethane	0.383	0.393	-2.6	120	0.00
51	Ethyl methacrylate	0.577	0.565	2.1	119	0.00
52	1,3-Dichloropropane	0.620	0.635	-2.4	120	0.00
53 M	Dibromochloromethane	0.435	0.424	2.5	119	0.00
54 M	1,2-Dibromoethane	0.402	0.399	0.7	115	0.00
55 M	2-Chloroethyl vinyl ether	0.161	0.115	28.6	90	0.00
56 M	Bromoform	0.314	0.295	6.1	119	0.00
57 I	Chlorobenzene-d5	1.000	1.000	0.0	113	0.00
58 M	4-Methyl-2-Pentanone	0.506	0.531	-4.9	123	0.00
59 M	2-Hexanone	0.369	0.375	-1.6	115	0.00
60 S	4-Bromofluorobenzene	0.469	0.446	4.9	115	0.00
61 M	Tetrachloroethene	0.352	0.338	4.0	112	0.00
62 M	Toluene	1.794	1.752	2.3	113	0.00
63 S	Toluene-d8	1.356	1.402	-3.4	116	0.00
64 M	Chlorobenzene	1.101	1.056	4.1	113	0.00
65	1,1,1,2-Tetrachloroethane	0.427	0.422	1.2	117	0.00
66 M	Ethyl Benzene	2.021	1.910	5.5	112	0.00
67 M	m/p-Xylenes	0.780	0.743	4.7	114	0.00
68 M	o-Xylene	0.768	0.727	5.3	115	0.00
69 M	Styrene	1.268	1.190	6.2	116	0.00
70	Isopropylbenzene	2.037	1.906	6.4	113	0.00
71 M	1,1,2,2-Tetrachloroethane	0.574	0.596	-3.8	122	0.00
72	1,2,3-Trichloropropane	0.465	0.483	-3.9	118	0.00
73	Bromobenzene	0.461	0.433	6.1	116	0.00
74	n-propylbenzene	2.336	2.165	7.3	112	0.00
75	2-Chlorotoluene	1.363	1.299	4.7	116	0.00
76	1,3,5-Trimethylbenzene	1.682	1.593	5.3	113	0.00
77	t-1,4-Dichloro-2-butene	0.181	0.161	11.0	111	0.00
78	4-Chlorotoluene	1.350	1.230	8.9	111	0.00
79	tert-butylbenzene	1.469	1.379	6.1	115	0.00
80	1,2,4-Trimethylbenzene	1.668	1.576	5.5	114	0.00
81	sec-Butylbenzene	2.105	1.936	8.0	113	0.00
82	p-Isopropyltoluene	1.744	1.559	10.6	112	0.00
83 M	1,3-Dichlorobenzene	0.856	0.777	9.2	114	0.00
84 M	1,4-Dichlorobenzene	0.814	0.735	9.7	111	0.00
85	n-Butylbenzene	1.435	1.224	14.7	107	0.00
86 T	Hexachloroethane	0.328	0.304	7.3	116	0.00
87 M	1,2-Dichlorobenzene	0.791	0.769	2.8	119	0.00
88	1,2-Dibromo-3-Chloropropane	0.103	0.104	-1.0	115	0.00
89	1,2,4-Trichlorobenzene	0.389	0.320	17.7	100	0.00
90	Hexachlorobutadiene	0.194	0.176	9.3	107	0.00
91 M	Naphthalene	1.097	0.877	20.1	87	0.00
92	1,2,3-Trichlorobenzene	0.373	0.321	13.9	99	0.00

(#) = Out of Range

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