

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN100821\
 Data File : VN068856.D
 Acq On : 8 Oct 2021 18:35
 Operator : JC/MD
 Sample : VSTDCCC020
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_N
 LabSampleId :
 VSTDCCC020

Quant Time: Oct 11 04:55:12 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	76	0.00
2 M	Dichlorodifluoromethane	1.330	1.055	20.7	56	0.00
3 M	Chloromethane	1.703	1.538	9.7	64	0.00
4 M	Vinyl Chloride	3.319	3.098	6.7	68	0.00
5 M	Bromomethane	3.222	2.889	10.3	69	0.00
6 M	Chloroethane	2.698	2.692	0.2	71	0.00
7 M	Trichlorofluoromethane	2.769	2.692	2.8	68	0.00
8 T	Diethyl Ether	0.948	0.885	6.6	68	0.00
9	1,1,2-Trichlorotrifluoroeth	1.603	1.519	5.2	68	0.00
10 M	1,1-Dichloroethene	1.479	1.324	10.5	65	0.00
11	Methyl Iodide	1.784	1.847	-3.5	78	0.00
12	Methyl Acetate	2.555	2.533	0.9	71	0.00
13 M	Acrolein	0.107	0.085	20.6	58	0.00
14 M	Acrylonitrile	0.820	0.790	3.7	72	0.00
15 M	Acetone	0.227	0.204	10.1	60	0.00
16 M	Carbon Disulfide	4.006	3.244	19.0	58	0.00
17	Allyl chloride	2.351	2.107	10.4	64	0.00
18 M	Methylene Chloride	1.858	1.870	-0.6	73	0.00
19 M	trans-1,2-Dichloroethene	1.749	1.532	12.4	64	0.00
20 T	Diisopropyl ether	5.465	5.094	6.8	69	0.00
21 M	1,1-Dichloroethane	3.173	3.060	3.6	71	0.00
22 M	cis-1,2-Dichloroethene	2.128	1.921	9.7	69	0.00
23 M	tert-Butyl Alcohol	0.304	0.292	3.9	70	0.00
24 M	Methyl tert-Butyl Ether	5.811	5.486	5.6	70	0.00
25 M	Chloroform	3.741	3.662	2.1	73	0.00
26	Cyclohexane	2.762	2.295	16.9	62	0.00
27 s	1,2-Dichloroethane-d4	2.312	2.418	-4.6	75	0.00
28 I	1,4-Difluorobenzene	1.000	1.000	0.0	70	0.00
29	1,1-Dichloropropene	0.477	0.437	8.4	67	0.00
30 M	2-Butanone	0.214	0.205	4.2	67	0.00
31	2,2-Dichloropropane	0.548	0.517	5.7	68	0.00
32 M	1,1,1-Trichloroethane	0.611	0.593	2.9	70	0.00
33 M	Carbon Tetrachloride	0.543	0.512	5.7	69	0.00
34 M	Benzene	1.414	1.351	4.5	69	0.00
35	Methacrylonitrile	0.215	0.192	10.7	62	0.00
36 M	1,2-Dichloroethane	0.529	0.538	-1.7	73	0.00
37 M	Trichloroethene	0.374	0.351	6.1	67	0.00
38	Methylcyclohexane	0.590	0.493	16.4	61	0.00
39 M	1,2-Dichloropropane	0.350	0.345	1.4	70	0.00
40	Dibromomethane	0.277	0.264	4.7	70	0.00
41 M	Bromodichloromethane	0.542	0.523	3.5	71	0.00
42 M	Vinyl Acetate	0.793	0.747	5.8	69	0.00
43	Ethyl Acetate	0.428	0.413	3.5	74	0.00
44	Isopropyl Acetate	0.775	0.745	3.9	70	0.00
45 T	1,4-Dioxane	0.006	0.007#	-16.7	74	0.00
46	Methyl methacrylate	0.343	0.298	13.1	66	0.00
47	n-amyl Acetate	0.657	0.537	18.3	62	0.00
48 M	t-1,3-Dichloropropene	0.589	0.505	14.3	64	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
49 T	cis-1,3-Dichloropropene	0.602	0.549	8.8	67	0.00
50 M	1,1,2-Trichloroethane	0.383	0.365	4.7	69	0.00
51	Ethyl methacrylate	0.577	0.485	15.9	64	0.00
52	1,3-Dichloropropane	0.620	0.578	6.8	68	0.00
53 M	Dibromochloromethane	0.435	0.398	8.5	70	0.00
54 M	1,2-Dibromoethane	0.402	0.360	10.4	65	0.00
55 M	2-Chloroethyl vinyl ether	0.161	0.127	21.1	62	0.00
56 M	Bromoform	0.314	0.257	18.2	65	0.00
57 I	Chlorobenzene-d5	1.000	1.000	0.0	68	0.00
58 M	4-Methyl-2-Pentanone	0.506	0.499	1.4	69	0.00
59 M	2-Hexanone	0.369	0.347	6.0	64	0.00
60 S	4-Bromofluorobenzene	0.469	0.439	6.4	68	0.00
61 M	Tetrachloroethene	0.352	0.344	2.3	68	0.00
62 M	Toluene	1.794	1.705	5.0	66	0.00
63 S	Toluene-d8	1.356	1.431	-5.5	71	0.00
64 M	Chlorobenzene	1.101	1.014	7.9	66	0.00
65	1,1,1,2-Tetrachloroethane	0.427	0.405	5.2	67	0.00
66 M	Ethyl Benzene	2.021	1.813	10.3	64	0.00
67 M	m/p-Xylenes	0.780	0.686	12.1	63	0.00
68 M	o-Xylene	0.768	0.674	12.2	64	0.00
69 M	Styrene	1.268	1.080	14.8	63	0.00
70	Isopropylbenzene	2.037	1.785	12.4	64	0.00
71 M	1,1,2,2-Tetrachloroethane	0.574	0.579	-0.9	71	0.00
72	1,2,3-Trichloropropane	0.465	0.462	0.6	68	0.00
73	Bromobenzene	0.461	0.402	12.8	65	0.00
74	n-propylbenzene	2.336	2.028	13.2	63	0.00
75	2-Chlorotoluene	1.363	1.206	11.5	64	0.00
76	1,3,5-Trimethylbenzene	1.682	1.482	11.9	63	0.00
77	t-1,4-Dichloro-2-butene	0.181	0.146	19.3	61	0.00
78	4-Chlorotoluene	1.350	1.150	14.8	62	0.00
79	tert-butylbenzene	1.469	1.272	13.4	64	0.00
80	1,2,4-Trimethylbenzene	1.668	1.448	13.2	63	0.00
81	sec-Butylbenzene	2.105	1.809	14.1	64	0.00
82	p-Isopropyltoluene	1.744	1.430	18.0	62	0.00
83 M	1,3-Dichlorobenzene	0.856	0.712	16.8	63	0.00
84 M	1,4-Dichlorobenzene	0.814	0.692	15.0	63	0.00
85	n-Butylbenzene	1.435	1.129	21.3	59	0.00
86 T	Hexachloroethane	0.328	0.294	10.4	67	0.00
87 M	1,2-Dichlorobenzene	0.791	0.726	8.2	68	0.00
88	1,2-Dibromo-3-Chloropropane	0.103	0.096	6.8	64	0.00
89	1,2,4-Trichlorobenzene	0.389	0.292	24.9	55	0.00
90	Hexachlorobutadiene	0.194	0.173	10.8	63	0.00
91 M	Naphthalene	1.097	0.732	33.3#	44	0.00
92	1,2,3-Trichlorobenzene	0.373	0.292	21.7	54	0.00

(#) = Out of Range

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