

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN111021\
 Data File : VN069448.D
 Acq On : 10 Nov 2021 19:36
 Operator : JC/MD
 Sample : VSTDCCC020
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_N
 LabSampleId :
 VSTDCCC020

Quant Time: Nov 11 03:14:49 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N111021W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Wed Nov 10 14:36:17 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	103	0.00
2 M	Dichlorodifluoromethane	2.217	2.478	-11.8	99	0.00
3 M	Chloromethane	2.311	2.669	-15.5	106	0.00
4 M	Vinyl Chloride	2.344	2.646	-12.9	104	0.00
5 M	Bromomethane	1.501	1.705	-13.6	104	-0.01
6 M	Chloroethane	1.479	1.684	-13.9	102	0.00
7 M	Trichlorofluoromethane	3.435	3.758	-9.4	97	0.00
8 T	Diethyl Ether	1.084	1.184	-9.2	103	0.00
9	1,1,2-Trichlorotrifluoroeth	1.590	1.697	-6.7	98	-0.02
10 M	1,1-Dichloroethene	1.499	1.610	-7.4	101	-0.02
11	Methyl Iodide	2.089	2.117	-1.3	100	-0.01
12	Methyl Acetate	4.318	5.064	-17.3	110	0.00
13 M	Acrolein	0.119	0.100	16.0	89	0.00
14 M	Acrylonitrile	1.178	1.330	-12.9	112	0.00
15 M	Acetone	0.393	0.350	10.9	73	0.00
16 M	Carbon Disulfide	3.747	3.768	-0.6	100	-0.01
17	Allyl chloride	3.186	3.377	-6.0	104	0.00
18 M	Methylene Chloride	1.910	2.038	-6.7	103	0.00
19 M	trans-1,2-Dichloroethene	1.645	1.707	-3.8	100	0.00
20 T	Diisopropyl ether	6.828	7.266	-6.4	103	0.00
21 M	1,1-Dichloroethane	3.464	3.698	-6.8	102	0.00
22 M	cis-1,2-Dichloroethene	2.040	2.146	-5.2	101	0.00
23 M	tert-Butyl Alcohol	0.410	0.501	-22.2	125	0.02
24 M	Methyl tert-Butyl Ether	6.008	6.552	-9.1	105	0.00
25 M	Chloroform	3.581	3.845	-7.4	102	0.00
26	Cyclohexane	3.289	3.533	-7.4	102	0.00
27 s	1,2-Dichloroethane-d4	2.602	2.725	-4.7	102	0.00
28 I	1,4-Difluorobenzene	1.000	1.000	0.0	102	0.00
29	1,1-Dichloropropene	0.458	0.470	-2.6	99	0.00
30 M	2-Butanone	0.331	0.350	-5.7	101	0.00
31	2,2-Dichloropropane	0.484	0.459	5.2	96	0.00
32 M	1,1,1-Trichloroethane	0.535	0.541	-1.1	101	0.00
33 M	Carbon Tetrachloride	0.442	0.443	-0.2	101	0.00
34 M	Benzene	1.393	1.474	-5.8	103	0.00
35	Methacrylonitrile	0.304	0.331	-8.9	113	0.00
36 M	1,2-Dichloroethane	0.537	0.568	-5.8	102	0.00
37 M	Trichloroethene	0.336	0.339	-0.9	101	0.00
38	Methylcyclohexane	0.567	0.571	-0.7	100	0.00
39 M	1,2-Dichloropropane	0.369	0.388	-5.1	104	0.00
40	Dibromomethane	0.247	0.258	-4.5	104	0.00
41 M	Bromodichloromethane	0.464	0.465	-0.2	104	0.00
42 M	Vinyl Acetate	0.937	0.986	-5.2	106	0.00
43	Ethyl Acetate	0.614	0.671	-9.3	114	0.00
44	Isopropyl Acetate	0.958	1.040	-8.6	110	0.00
45 T	1,4-Dioxane	0.008	0.009#	-12.5	121	0.00
46	Methyl methacrylate	0.441	0.469	-6.3	110	0.00
47	n-amyl Acetate	0.735	0.747	-1.6	114	0.00
48 M	t-1,3-Dichloropropene	0.498	0.480	3.6	104	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
49 T	cis-1,3-Dichloropropene	0.541	0.532	1.7	103	0.00
50 M	1,1,2-Trichloroethane	0.351	0.369	-5.1	106	0.00
51	Ethyl methacrylate	0.588	0.608	-3.4	110	0.00
52	1,3-Dichloropropane	0.606	0.636	-5.0	104	0.00
53 M	Dibromochloromethane	0.335	0.327	2.4	106	0.00
54 M	1,2-Dibromoethane	0.363	0.375	-3.3	105	0.00
55 M	2-Chloroethyl vinyl ether	0.134	0.122	9.0	108	0.00
56 M	Bromoform	0.240	0.220	8.3	108	0.00
57 I	Chlorobenzene-d5	1.000	1.000	0.0	102	0.00
58 M	4-Methyl-2-Pentanone	0.659	0.774	-17.5	115	0.00
59 M	2-Hexanone	0.501	0.567	-13.2	111	0.00
60 S	4-Bromofluorobenzene	0.480	0.467	2.7	101	0.00
61 M	Tetrachloroethene	0.322	0.330	-2.5	98	0.00
62 M	Toluene	1.649	1.774	-7.6	102	0.00
63 S	Toluene-d8	1.385	1.432	-3.4	103	0.00
64 M	Chlorobenzene	0.989	1.029	-4.0	102	0.00
65	1,1,1,2-Tetrachloroethane	0.348	0.362	-4.0	103	0.00
66 M	Ethyl Benzene	1.825	1.914	-4.9	101	0.00
67 M	m/p-Xylenes	0.678	0.714	-5.3	101	0.00
68 M	o-Xylene	0.679	0.707	-4.1	100	0.00
69 M	Styrene	1.100	1.128	-2.5	102	0.00
70	Isopropylbenzene	1.775	1.861	-4.8	102	0.00
71 M	1,1,2,2-Tetrachloroethane	0.586	0.636	-8.5	108	0.00
72	1,2,3-Trichloropropane	0.570	0.576	-1.1	102	0.00
73	Bromobenzene	0.409	0.422	-3.2	105	0.00
74	n-propylbenzene	2.038	2.065	-1.3	100	0.00
75	2-Chlorotoluene	1.241	1.282	-3.3	102	0.00
76	1,3,5-Trimethylbenzene	1.457	1.513	-3.8	101	0.00
77	t-1,4-Dichloro-2-butene	0.154	0.140	9.1	111	0.00
78	4-Chlorotoluene	1.188	1.200	-1.0	102	0.00
79	tert-butylbenzene	1.281	1.321	-3.1	104	0.00
80	1,2,4-Trimethylbenzene	1.421	1.472	-3.6	101	0.00
81	sec-Butylbenzene	1.793	1.805	-0.7	100	0.00
82	p-Isopropyltoluene	1.430	1.438	-0.6	102	0.00
83 M	1,3-Dichlorobenzene	0.699	0.723	-3.4	105	0.00
84 M	1,4-Dichlorobenzene	0.679	0.683	-0.6	103	0.00
85	n-Butylbenzene	1.194	1.116	6.5	102	0.00
86 T	Hexachloroethane	0.237	0.223	5.9	104	0.00
87 M	1,2-Dichlorobenzene	0.675	0.709	-5.0	105	0.00
88	1,2-Dibromo-3-Chloropropane	0.103	0.110	-6.8	119	0.00
89	1,2,4-Trichlorobenzene	0.324	0.306	5.6	110	0.00
90	Hexachlorobutadiene	0.175	0.177	-1.1	103	0.00
91 M	Naphthalene	0.932	0.958	-2.8	130	0.00
92	1,2,3-Trichlorobenzene	0.318	0.319	-0.3	116	0.00

(#) = Out of Range

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