

Data Path : Z:\voasrv\HPCHEM1\MSVOA N\Data\VN071320\
 Data File : VN062512.D
 Acq On : 13 Jul 2020 12:48
 Operator : JC/MD
 Sample : VSTDICV020
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 ICVVN071320

Quant Time: Jul 14 01:09:39 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA N\METHODS\624N071320W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Tue Jul 14 00:52:57 2020
 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	AvqRF	CCRF	%Dev	Area%	Dev(min)
1 I	Bromochloromethane	1.000	1.000	0.0	109	0.00
2 M	Dichlorodifluoromethane	1.771	1.848	-4.3	115	0.00
3 M	Chloromethane	2.557	2.660	-4.0	117	0.00
4 M	Vinyl Chloride	2.235	2.340	-4.7	117	0.00
5 M	Bromomethane	1.109	1.140	-2.8	121	0.00
6 M	Chloroethane	1.100	1.152	-4.7	114	0.00
7 M	Trichlorofluoromethane	2.619	2.788	-6.5	114	0.00
8 T	Diethyl Ether	1.259	1.298	-3.1	113	0.00
9	1,1,2-Trichlorotrifluoroeth	1.693	1.742	-2.9	114	0.00
10 M	1,1-Dichloroethene	1.728	1.761	-1.9	113	0.00
11	Methyl Iodide	2.116	1.978	6.5	107	0.00
12	Methyl Acetate	2.317	2.336	-0.8	113	0.00
13 M	Acrolein	0.346	0.337	2.6	105	0.00
14 M	Acrylonitrile	1.078	1.088	-0.9	113	0.00
15 M	Acetone	0.331	0.323	2.4	92	0.00
16 M	Carbon Disulfide	5.630	5.739	-1.9	115	0.00
17	Allyl chloride	3.674	3.838	-4.5	111	0.00
18 M	Methylene Chloride	2.126	2.162	-1.7	111	0.00
19 M	trans-1,2-Dichloroethene	1.912	1.926	-0.7	113	0.00
20 T	Diisopropyl ether	7.553	7.771	-2.9	112	0.00
21 M	1,1-Dichloroethane	3.993	4.122	-3.2	114	0.00
22 M	cis-1,2-Dichloroethene	2.156	2.220	-3.0	114	0.00
23 M	tert-Butyl Alcohol	0.361	0.354	1.9	106	0.00
24 M	Methyl tert-Butyl Ether	6.369	6.469	-1.6	113	0.00
25 M	Chloroform	3.662	3.799	-3.7	115	0.00
26	Cyclohexane	3.520	3.630	-3.1	115	0.00
27 s	1,2-Dichloroethane-d4	2.577	2.536	1.6	107	0.00
28 I	1,4-Difluorobenzene	1.000	1.000	0.0	111	0.00
29	1,1-Dichloropropene	0.509	0.530	-4.1	117	0.00
30 M	2-Butanone	0.270	0.269	0.4	103	0.00
31	2,2-Dichloropropane	0.574	0.582	-1.4	111	0.00
32 M	1,1,1-Trichloroethane	0.547	0.558	-2.0	113	0.00
33 M	Carbon Tetrachloride	0.474	0.484	-2.1	114	0.00
34 M	Benzene	1.512	1.564	-3.4	115	0.00
35	Methacrylonitrile	0.237	0.253	-6.8	114	0.00
36 M	1,2-Dichloroethane	0.543	0.545	-0.4	112	0.00
37 M	Trichloroethene	0.340	0.348	-2.4	114	0.00
38	Methylcyclohexane	0.571	0.581	-1.8	116	0.00
39 M	1,2-Dichloropropane	0.431	0.440	-2.1	113	0.00
40	Dibromomethane	0.248	0.255	-2.8	113	0.00
41 M	Bromodichloromethane	0.526	0.525	0.2	111	0.00
42 M	Vinyl Acetate	1.121	1.157	-3.2	113	0.00
43	Ethyl Acetate	0.543	0.534	1.7	109	0.00
44	Isopropyl Acetate	0.910	0.899	1.2	111	0.00
45 T	1,4-Dioxane	0.006	0.006#	0.0	106	0.00

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	Compound	AvqRF	CCRF	%Dev	Area%	Dev(min)
46	Methyl methacrylate	0.432	0.435	-0.7	112	0.00
47	n-amyl Acetate	0.767	0.766	0.1	115	0.00
48 M	t-1,3-Dichloropropene	0.614	0.614	0.0	114	0.00
49 T	cis-1,3-Dichloropropene	0.663	0.667	-0.6	113	0.00
50 M	1,1,2-Trichloroethane	0.348	0.359	-3.2	113	0.00
51	Ethyl methacrylate	0.586	0.595	-1.5	115	0.00
52	1,3-Dichloropropane	0.639	0.654	-2.3	113	0.00
53 M	Dibromochloromethane	0.379	0.384	-1.3	112	0.00
54 M	1,2-Dibromoethane	0.356	0.357	-0.3	114	0.00
55 M	2-Chloroethyl vinyl ether	0.187	0.164	12.3	101	0.00
56 M	Bromoform	0.259	0.256	1.2	111	0.00
57 I	Chlorobenzene-d5	1.000	1.000	0.0	110	0.00
58 M	4-Methyl-2-Pentanone	0.584	0.610	-4.5	111	0.00
59 M	2-Hexanone	0.429	0.441	-2.8	109	0.00
60 S	4-Bromofluorobenzene	0.511	0.509	0.4	112	0.00
61 M	Tetrachloroethene	0.307	0.325	-5.9	115	0.00
62 M	Toluene	1.702	1.787	-5.0	113	0.00
63 S	Toluene-d8	1.418	1.431	-0.9	109	0.00
64 M	Chlorobenzene	1.000	1.045	-4.5	117	0.00
65	1,1,1,2-Tetrachloroethane	0.370	0.382	-3.2	113	0.00
66 M	Ethyl Benzene	1.885	1.951	-3.5	115	0.00
67 M	m/p-Xylenes	0.684	0.709	-3.7	116	0.00
68 M	o-Xylene	0.656	0.677	-3.2	115	0.00
69 M	Styrene	1.114	1.131	-1.5	114	0.00
70	Isopropylbenzene	1.762	1.844	-4.7	116	0.00
71 M	1,1,2,2-Tetrachloroethane	0.570	0.599	-5.1	116	0.00
72	1,2,3-Trichloropropane	0.554	0.557	-0.5	111	0.00
73	Bromobenzene	0.408	0.422	-3.4	116	0.00
74	n-propylbenzene	2.095	2.148	-2.5	116	0.00
75	2-Chlorotoluene	1.261	1.295	-2.7	115	0.00
76	1,3,5-Trimethylbenzene	1.502	1.521	-1.3	116	0.00
77	t-1,4-Dichloro-2-butene	0.207	0.204	1.4	112	0.00
78	4-Chlorotoluene	1.287	1.298	-0.9	114	0.00
79	tert-butylbenzene	1.243	1.270	-2.2	115	0.00
80	1,2,4-Trimethylbenzene	1.477	1.465	0.8	112	0.00
81	sec-Butylbenzene	1.670	1.691	-1.3	116	0.00
82	p-Isopropyltoluene	1.474	1.467	0.5	115	0.00
83 M	1,3-Dichlorobenzene	0.709	0.716	-1.0	116	0.00
84 M	1,4-Dichlorobenzene	0.699	0.687	1.7	115	0.00
85	n-Butylbenzene	1.264	1.195	5.5	115	0.00
86 T	Hexachloroethane	0.284	0.282	0.7	114	0.00
87 M	1,2-Dichlorobenzene	0.682	0.697	-2.2	116	0.00
88	1,2-Dibromo-3-Chloropropane	0.108	0.107	0.9	110	0.00
89	1,2,4-Trichlorobenzene	0.339	0.317	6.5	115	0.00
90	Hexachlorobutadiene	0.188	0.197	-4.8	120	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
91 M	Naphthalene	0.920	0.893	2.9	119	0.00
92	1,2,3-Trichlorobenzene	0.342	0.328	4.1	115	0.00

(#) = Out of Range

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