

Data Path : Z:\voasrv\HPCHEM1\MSVOA N\Data\VN100620\
 Data File : VN063893.D
 Acq On : 6 Oct 2020 14:31
 Operator : JC/MD
 Sample : VSTDICV020
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 ICVVN100620

Quant Time: Oct 06 16:49:49 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA N\METHODS\624N100620W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Tue Oct 06 16:42:38 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	119	0.00
2 M	Dichlorodifluoromethane	2.031	2.116	-4.2	108	0.00
3 M	Chloromethane	2.101	2.017	4.0	104	0.00
4 M	Vinyl Chloride	2.090	2.088	0.1	108	0.00
5 M	Bromomethane	1.345	1.300	3.3	107	0.02
6 M	Chloroethane	1.311	1.234	5.9	103	0.01
7 M	Trichlorofluoromethane	3.300	3.262	1.2	109	0.01
8 T	Diethyl Ether	1.068	1.017	4.8	108	0.00
9	1,1,2-Trichlorotrifluoroeth	1.715	1.714	0.1	109	0.00
10 M	1,1-Dichloroethene	1.610	1.560	3.1	108	0.00
11	Methyl Iodide	2.054	1.686	17.9	92	0.00
12	Methyl Acetate	1.981	1.735	12.4	97	0.00
13 M	Acrolein	0.193	0.179	7.3	128	0.00
14 M	Acrylonitrile	0.815	0.705	13.5	100	0.00
15 M	Acetone	0.236	0.221	6.4	105	0.00
16 M	Carbon Disulfide	4.774	4.653	2.5	110	0.00
17	Allyl chloride	2.996	2.873	4.1	101	0.00
18 M	Methylene Chloride	1.930	1.817	5.9	103	0.00
19 M	trans-1,2-Dichloroethene	1.818	1.765	2.9	113	0.00
20 T	Diisopropyl ether	6.023	5.795	3.8	109	0.00
21 M	1,1-Dichloroethane	3.646	3.506	3.8	106	0.00
22 M	cis-1,2-Dichloroethene	2.064	2.077	-0.6	117	0.00
23 M	tert-Butyl Alcohol	0.349	0.293	16.0	94	-0.02
24 M	Methyl tert-Butyl Ether	5.401	5.196	3.8	107	0.00
25 M	Chloroform	3.823	3.628	5.1	105	0.00
26	Cyclohexane	2.626	2.580	1.8	114	0.00
27 s	1,2-Dichloroethane-d4	2.694	2.778	-3.1	121	0.00
28 I	1,4-Difluorobenzene	1.000	1.000	0.0	124	0.00
29	1,1-Dichloropropene	0.525	0.479	8.8	106	0.00
30 M	2-Butanone	0.258	0.216	16.3	100	0.00
31	2,2-Dichloropropane	0.628	0.586	6.7	108	0.00
32 M	1,1,1-Trichloroethane	0.670	0.618	7.8	106	0.00
33 M	Carbon Tetrachloride	0.587	0.533	9.2	106	0.00
34 M	Benzene	1.494	1.375	8.0	107	0.00
35	Methacrylonitrile	0.245	0.182	25.7	94	0.00
36 M	1,2-Dichloroethane	0.656	0.577	12.0	103	0.00
37 M	Trichloroethene	0.391	0.357	8.7	110	0.00
38	Methylcyclohexane	0.444	0.421	5.2	114	0.00
39 M	1,2-Dichloropropane	0.406	0.373	8.1	105	0.00
40	Dibromomethane	0.283	0.249	12.0	101	0.00
41 M	Bromodichloromethane	0.589	0.533	9.5	107	0.00
42 M	Vinyl Acetate	1.069	0.946	11.5	104	0.00
43	Ethyl Acetate	0.552	0.456	17.4	101	0.00
44	Isopropyl Acetate	0.915	0.779	14.9	100	0.00
45 T	1,4-Dioxane	0.006	0.004#	33.3#	86	0.00

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	Compound	AvqRF	CCRF	%Dev	Area%	Dev(min)
46	Methyl methacrylate	0.455	0.379	16.7	97	0.00
47	n-amyl Acetate	0.813	0.648	20.3	99	0.00
48 M	t-1,3-Dichloropropene	0.637	0.566	11.1	105	0.00
49 T	cis-1,3-Dichloropropene	0.660	0.605	8.3	111	0.00
50 M	1,1,2-Trichloroethane	0.379	0.341	10.0	107	0.00
51	Ethyl methacrylate	0.549	0.471	14.2	104	0.00
52	1,3-Dichloropropane	0.648	0.578	10.8	107	0.00
53 M	Dibromochloromethane	0.436	0.386	11.5	104	0.00
54 M	1,2-Dibromoethane	0.397	0.354	10.8	105	0.00
55 M	2-Chloroethyl vinyl ether	0.293	0.170	42.0#	74	0.00
56 M	Bromoform	0.302	0.252	16.6	103	0.00
57 I	Chlorobenzene-d5	1.000	1.000	0.0	125	0.00
58 M	4-Methyl-2-Pentanone	0.582	0.485	16.7	97	0.00
59 M	2-Hexanone	0.434	0.354	18.4	97	0.00
60 S	4-Bromofluorobenzene	0.513	0.495	3.5	125	0.00
61 M	Tetrachloroethene	0.381	0.364	4.5	109	0.00
62 M	Toluene	1.723	1.558	9.6	108	0.00
63 S	Toluene-d8	1.360	1.358	0.1	124	0.00
64 M	Chlorobenzene	1.044	0.962	7.9	110	0.00
65	1,1,1,2-Tetrachloroethane	0.408	0.361	11.5	105	0.00
66 M	Ethyl Benzene	1.892	1.745	7.8	111	0.00
67 M	m/p-Xylenes	0.704	0.657	6.7	111	0.00
68 M	o-Xylene	0.670	0.600	10.4	109	0.00
69 M	Styrene	1.144	1.022	10.7	109	0.00
70	Isopropylbenzene	1.781	1.638	8.0	112	0.00
71 M	1,1,2,2-Tetrachloroethane	0.563	0.473	16.0	101	0.00
72	1,2,3-Trichloropropane	0.574	0.454	20.9	92	0.00
73	Bromobenzene	0.451	0.411	8.9	113	0.00
74	n-propylbenzene	2.082	1.922	7.7	112	0.00
75	2-Chlorotoluene	1.270	1.199	5.6	114	0.00
76	1,3,5-Trimethylbenzene	1.502	1.395	7.1	113	0.00
77	t-1,4-Dichloro-2-butene	0.204	0.162	20.6	100	0.00
78	4-Chlorotoluene	1.345	1.244	7.5	112	0.00
79	tert-butylbenzene	1.203	1.098	8.7	113	0.00
80	1,2,4-Trimethylbenzene	1.506	1.364	9.4	110	0.00
81	sec-Butylbenzene	1.582	1.442	8.8	111	0.00
82	p-Isopropyltoluene	1.430	1.293	9.6	113	0.00
83 M	1,3-Dichlorobenzene	0.803	0.730	9.1	112	0.00
84 M	1,4-Dichlorobenzene	0.798	0.723	9.4	113	0.00
85	n-Butylbenzene	1.251	1.154	7.8	116	0.00
86 T	Hexachloroethane	0.246	0.215	12.6	109	0.00
87 M	1,2-Dichlorobenzene	0.788	0.702	10.9	108	0.00
88	1,2-Dibromo-3-Chloropropane	0.135	0.106	21.5	95	0.00
89	1,2,4-Trichlorobenzene	0.400	0.362	9.5	114	0.00
90	Hexachlorobutadiene	0.212	0.205	3.3	115	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
91 M	Naphthalene	1.225	1.051	14.2	105	0.00
92	1,2,3-Trichlorobenzene	0.390	0.355	9.0	112	0.00

(#) = Out of Range

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