

Data Path : Z:\voasrv\HPCHEM1\MSVOA N\Data\VN102320\
 Data File : VN064302.D
 Acq On : 23 Oct 2020 22:02
 Operator : JC/MD
 Sample : VSTDCCC020
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_N
 LabSampleId :
 VSTDCCC020

Quant Time: Oct 26 02:54:17 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA N\METHODS\624N102320W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Mon Oct 26 01:30:11 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	82	0.00
2 M	Dichlorodifluoromethane	1.952	1.734	11.2	63	0.00
3 M	Chloromethane	2.061	1.848	10.3	67	0.00
4 M	Vinyl Chloride	2.071	1.818	12.2	68	0.00
5 M	Bromomethane	1.359	1.189	12.5	67	0.00
6 M	Chloroethane	1.214	1.116	8.1	71	0.00
7 M	Trichlorofluoromethane	3.502	3.159	9.8	70	0.00
8 T	Diethyl Ether	1.154	1.051	8.9	71	0.00
9	1,1,2-Trichlorotrifluoroeth	1.746	1.509	13.6	66	0.00
10 M	1,1-Dichloroethene	1.674	1.479	11.6	67	0.00
11	Methyl Iodide	2.399	1.919	20.0	66	0.00
12	Methyl Acetate	1.958	1.664	15.0	67	0.00
13 M	Acrolein	0.161	0.114	29.2	65	0.00
14 M	Acrylonitrile	0.758	0.620	18.2	66	0.00
15 M	Acetone	0.243	0.179	26.3	57	0.00
16 M	Carbon Disulfide	4.850	4.046	16.6	66	0.00
17	Allyl chloride	3.209	2.818	12.2	72	0.00
18 M	Methylene Chloride	1.957	1.745	10.8	72	0.00
19 M	trans-1,2-Dichloroethene	1.903	1.616	15.1	66	0.00
20 T	Diisopropyl ether	6.115	5.522	9.7	70	0.00
21 M	1,1-Dichloroethane	3.647	3.338	8.5	71	0.00
22 M	cis-1,2-Dichloroethene	2.183	1.933	11.5	70	0.00
23 M	tert-Butyl Alcohol	0.351	0.277	21.1	63	0.00
24 M	Methyl tert-Butyl Ether	5.814	5.358	7.8	73	0.00
25 M	Chloroform	3.947	3.596	8.9	72	0.00
26	Cyclohexane	2.828	2.330	17.6	64	0.00
27 s	1,2-Dichloroethane-d4	2.619	2.867	-9.5	87	0.00
28 I	1,4-Difluorobenzene	1.000	1.000	0.0	83	0.00
29	1,1-Dichloropropene	0.519	0.429	17.3	67	0.00
30 M	2-Butanone	0.228	0.176	22.8	62	0.00
31	2,2-Dichloropropane	0.649	0.515	20.6	63	0.00
32 M	1,1,1-Trichloroethane	0.663	0.556	16.1	68	0.00
33 M	Carbon Tetrachloride	0.594	0.494	16.8	67	0.00
34 M	Benzene	1.417	1.197	15.5	69	0.00
35	Methacrylonitrile	0.230	0.212	7.8	74	0.00
36 M	1,2-Dichloroethane	0.604	0.542	10.3	73	0.00
37 M	Trichloroethene	0.390	0.337	13.6	69	0.00
38	Methylcyclohexane	0.473	0.358	24.3	62	0.00
39 M	1,2-Dichloropropane	0.379	0.324	14.5	70	0.00
40	Dibromomethane	0.265	0.224	15.5	67	0.00
41 M	Bromodichloromethane	0.575	0.504	12.3	70	0.00
42 M	Vinyl Acetate	1.005	0.858	14.6	70	0.00
43	Ethyl Acetate	0.482	0.411	14.7	71	0.00
44	Isopropyl Acetate	0.865	0.741	14.3	68	0.00
45 T	1,4-Dioxane	0.005	0.004#	20.0	59	0.00

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	Compound	AvqRF	CCRF	%Dev	Area%	Dev(min)
46	Methyl methacrylate	0.418	0.363	13.2	70	0.00
47	n-amyl Acetate	0.746	0.635	14.9	72	0.00
48 M	t-1,3-Dichloropropene	0.642	0.550	14.3	69	0.00
49 T	cis-1,3-Dichloropropene	0.667	0.542	18.7	67	0.00
50 M	1,1,2-Trichloroethane	0.349	0.324	7.2	76	0.00
51	Ethyl methacrylate	0.537	0.456	15.1	71	0.00
52	1,3-Dichloropropane	0.617	0.520	15.7	68	0.00
53 M	Dibromochloromethane	0.436	0.369	15.4	70	0.00
54 M	1,2-Dibromoethane	0.373	0.322	13.7	71	0.00
55 M	2-Chloroethyl vinyl ether	0.261	0.235	10.0	111	0.00
56 M	Bromoform	0.308	0.256	16.9	71	0.00
57 I	Chlorobenzene-d5	1.000	1.000	0.0	83	0.00
58 M	4-Methyl-2-Pentanone	0.517	0.440	14.9	68	0.00
59 M	2-Hexanone	0.392	0.311	20.7	63	0.00
60 S	4-Bromofluorobenzene	0.534	0.523	2.1	80	0.00
61 M	Tetrachloroethene	0.419	0.366	12.6	69	0.00
62 M	Toluene	1.727	1.506	12.8	70	0.00
63 S	Toluene-d8	1.341	1.334	0.5	81	0.00
64 M	Chlorobenzene	1.071	0.914	14.7	67	0.00
65	1,1,1,2-Tetrachloroethane	0.428	0.368	14.0	69	0.00
66 M	Ethyl Benzene	1.980	1.698	14.2	70	0.00
67 M	m/p-Xylenes	0.734	0.622	15.3	68	0.00
68 M	o-Xylene	0.713	0.591	17.1	67	0.00
69 M	Styrene	1.187	1.000	15.8	69	0.00
70	Isopropylbenzene	1.885	1.596	15.3	68	0.00
71 M	1,1,2,2-Tetrachloroethane	0.506	0.419	17.2	68	0.00
72	1,2,3-Trichloropropane	0.525	0.474	9.7	75	0.00
73	Bromobenzene	0.459	0.407	11.3	72	0.00
74	n-propylbenzene	2.163	1.794	17.1	66	0.00
75	2-Chlorotoluene	1.335	1.143	14.4	70	0.00
76	1,3,5-Trimethylbenzene	1.598	1.344	15.9	68	0.00
77	t-1,4-Dichloro-2-butene	0.203	0.153	24.6	63	0.00
78	4-Chlorotoluene	1.392	1.161	16.6	68	0.00
79	tert-butylbenzene	1.306	1.084	17.0	67	0.00
80	1,2,4-Trimethylbenzene	1.621	1.393	14.1	70	0.00
81	sec-Butylbenzene	1.695	1.399	17.5	66	0.00
82	p-Isopropyltoluene	1.555	1.276	17.9	66	0.00
83 M	1,3-Dichlorobenzene	0.809	0.671	17.1	68	0.00
84 M	1,4-Dichlorobenzene	0.824	0.641	22.2	64	0.00
85	n-Butylbenzene	1.369	1.101	19.6	65	0.00
86 T	Hexachloroethane	0.263	0.208	20.9	65	0.00
87 M	1,2-Dichlorobenzene	0.789	0.672	14.8	70	0.00
88	1,2-Dibromo-3-Chloropropane	0.123	0.101	17.9	68	0.00
89	1,2,4-Trichlorobenzene	0.450	0.347	22.9	63	0.00
90	Hexachlorobutadiene	0.246	0.184	25.2	60	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
91 M	Naphthalene	1.316	1.086	17.5	67	0.00
92	1,2,3-Trichlorobenzene	0.432	0.352	18.5	65	0.00

(#) = Out of Range

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