

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN032421\
 Data File : VN066320.D
 Acq On : 24 Mar 2021 21:05
 Operator : JC/MD
 Sample : VSTDCCC020
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_N
 LabSampleId :
 VSTDCCC020

Quant Time: Mar 25 06:01:33 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N032421W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Thu Mar 25 05:52:50 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	1.678	1.546	7.9	96	0.00
3 M	Chloromethane	2.109	2.000	5.2	99	0.00
4 M	Vinyl Chloride	2.217	2.056	7.3	96	0.00
5 M	Bromomethane	1.569	1.488	5.2	102	0.00
6 M	Chloroethane	1.420	1.365	3.9	101	0.00
7 M	Trichlorofluoromethane	3.198	3.083	3.6	103	0.00
8 T	Diethyl Ether	1.080	1.033	4.4	98	0.00
9	1,1,2-Trichlorotrifluoroeth	1.565	1.472	5.9	98	0.00
10 M	1,1-Dichloroethene	1.549	1.509	2.6	104	0.00
11	Methyl Iodide	2.228	2.183	2.0	98	0.00
12	Methyl Acetate	2.405	2.444	-1.6	101	0.00
13 M	Acrolein	0.167	0.130	22.2	97	0.00
14 M	Acrylonitrile	0.992	0.977	1.5	101	0.00
15 M	Acetone	0.289	0.253	12.5	96	0.00
16 M	Carbon Disulfide	4.291	3.963	7.6	96	0.00
17	Allyl chloride	2.799	2.803	-0.1	97	0.00
18 M	Methylene Chloride	1.851	1.755	5.2	98	0.00
19 M	trans-1,2-Dichloroethene	1.704	1.627	4.5	100	0.00
20 T	Diisopropyl ether	6.143	5.936	3.4	99	0.00
21 M	1,1-Dichloroethane	3.325	3.196	3.9	99	0.00
22 M	cis-1,2-Dichloroethene	2.040	1.995	2.2	101	0.00
23 M	tert-Butyl Alcohol	0.407	0.392	3.7	95	0.02
24 M	Methyl tert-Butyl Ether	5.910	5.697	3.6	99	0.00
25 M	Chloroform	3.359	3.242	3.5	99	0.00
26	Cyclohexane	2.949	2.799	5.1	98	0.00
27 s	1,2-Dichloroethane-d4	2.306	2.268	1.6	100	0.00
28 I	1,4-Difluorobenzene	1.000	1.000	0.0	99	0.00
29	1,1-Dichloropropene	0.449	0.439	2.2	100	0.00
30 M	2-Butanone	0.263	0.255	3.0	98	0.00
31	2,2-Dichloropropane	0.556	0.496	10.8	90	0.00
32 M	1,1,1-Trichloroethane	0.544	0.538	1.1	101	0.00
33 M	Carbon Tetrachloride	0.459	0.457	0.4	101	0.00
34 M	Benzene	1.367	1.344	1.7	99	0.00
35	Methacrylonitrile	0.222	0.202	9.0	97	0.00
36 M	1,2-Dichloroethane	0.501	0.491	2.0	97	0.00
37 M	Trichloroethene	0.357	0.347	2.8	99	0.00
38	Methylcyclohexane	0.555	0.523	5.8	96	0.00
39 M	1,2-Dichloropropane	0.370	0.360	2.7	98	0.00
40	Dibromomethane	0.238	0.233	2.1	98	0.00
41 M	Bromodichloromethane	0.504	0.489	3.0	97	0.00
42 M	Vinyl Acetate	0.991	0.974	1.7	99	0.00
43	Ethyl Acetate	0.506	0.516	-2.0	100	0.00
44	Isopropyl Acetate	0.904	0.903	0.1	99	0.00
45 T	1,4-Dioxane	0.006	0.006#	0.0	98	0.00
46	Methyl methacrylate	0.422	0.413	2.1	98	0.00
47	n-amyl Acetate	0.366	0.322	12.0	84	0.00
48 M	t-1,3-Dichloropropene	0.547	0.527	3.7	97	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
49 T	cis-1,3-Dichloropropene	0.588	0.564	4.1	97	0.00
50 M	1,1,2-Trichloroethane	0.341	0.337	1.2	98	0.00
51	Ethyl methacrylate	0.533	0.524	1.7	98	0.00
52	1,3-Dichloropropane	0.568	0.558	1.8	98	0.00
53 M	Dibromochloromethane	0.383	0.372	2.9	96	0.00
54 M	1,2-Dibromoethane	0.351	0.341	2.8	96	0.00
55 M	2-Chloroethyl vinyl ether	0.079	0.065	17.7	78	0.00
56 M	Bromoform	0.281	0.271	3.6	96	0.00
57 I	Chlorobenzene-d5	1.000	1.000	0.0	94	0.00
58 M	4-Methyl-2-Pentanone	0.601	0.616	-2.5	98	0.00
59 M	2-Hexanone	0.414	0.409	1.2	95	0.00
60 S	4-Bromofluorobenzene	0.468	0.466	0.4	94	0.00
61 M	Tetrachloroethene	0.413	0.418	-1.2	97	0.00
62 M	Toluene	1.661	1.649	0.7	97	0.00
63 S	Toluene-d8	1.408	1.441	-2.3	98	0.00
64 M	Chlorobenzene	0.976	0.955	2.2	94	0.00
65	1,1,1,2-Tetrachloroethane	0.383	0.384	-0.3	97	0.00
66 M	Ethyl Benzene	1.789	1.745	2.5	94	0.00
67 M	m/p-Xylenes	0.665	0.650	2.3	95	0.00
68 M	o-Xylene	0.656	0.646	1.5	95	0.00
69 M	Styrene	1.052	1.008	4.2	92	0.00
70	Isopropylbenzene	1.727	1.684	2.5	94	0.00
71 M	1,1,2,2-Tetrachloroethane	0.553	0.541	2.2	92	0.00
72	1,2,3-Trichloropropane	0.534	0.507	5.1	88	0.00
73	Bromobenzene	0.426	0.410	3.8	92	0.00
74	n-propylbenzene	1.909	1.847	3.2	94	0.00
75	2-Chlorotoluene	1.156	1.113	3.7	93	0.00
76	1,3,5-Trimethylbenzene	1.421	1.377	3.1	94	0.00
77	t-1,4-Dichloro-2-butene	0.173	0.158	8.7	85	0.00
78	4-Chlorotoluene	1.134	1.087	4.1	92	0.00
79	tert-butylbenzene	1.235	1.178	4.6	94	0.00
80	1,2,4-Trimethylbenzene	1.378	1.338	2.9	95	0.00
81	sec-Butylbenzene	1.577	1.510	4.2	93	0.00
82	p-Isopropyltoluene	1.389	1.327	4.5	93	0.00
83 M	1,3-Dichlorobenzene	0.698	0.683	2.1	95	0.00
84 M	1,4-Dichlorobenzene	0.679	0.675	0.6	95	0.00
85	n-Butylbenzene	1.133	1.053	7.1	91	0.00
86 T	Hexachloroethane	0.256	0.253	1.2	95	0.00
87 M	1,2-Dichlorobenzene	0.690	0.697	-1.0	98	0.00
88	1,2-Dibromo-3-Chloropropane	0.113	0.126	-11.5	104	0.00
89	1,2,4-Trichlorobenzene	0.441	0.425	3.6	96	0.00
90	Hexachlorobutadiene	0.239	0.218	8.8	92	0.00
91 M	Naphthalene	1.341	1.354	-1.0	99	0.00
92	1,2,3-Trichlorobenzene	0.432	0.430	0.5	98	0.00

(#) = Out of Range

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