

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN021021\
 Data File : VN065799.D
 Acq On : 10 Feb 2021 15:42
 Operator : JC/MD
 Sample : VSTDCCC020
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_N
 LabSampleId :
 VSTDCCC020

Quant Time: Feb 11 01:32:31 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N020321W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Wed Feb 03 14:50:04 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	82	0.00
2 M	Dichlorodifluoromethane	1.792	1.762	1.7	92	0.00
3 M	Chloromethane	2.629	2.314	12.0	82	0.00
4 M	Vinyl Chloride	2.600	2.409	7.3	86	0.00
5 M	Bromomethane	1.551	1.560	-0.6	93	0.00
6 M	Chloroethane	1.500	1.318	12.1	82	0.00
7 M	Trichlorofluoromethane	2.695	2.717	-0.8	93	0.00
8 T	Diethyl Ether	1.236	1.143	7.5	86	0.00
9	1,1,2-Trichlorotrifluoroeth	1.647	1.697	-3.0	95	0.00
10 M	1,1-Dichloroethene	1.754	1.673	4.6	88	0.00
11	Methyl Iodide	2.472	2.519	-1.9	95	0.00
12	Methyl Acetate	2.125	1.751	17.6	76	0.00
13 M	Acrolein	0.285	0.258	9.5	76	0.00
14 M	Acrylonitrile	0.944	0.807	14.5	79	0.00
15 M	Acetone	0.289	0.371	-28.4	102	0.00
16 M	Carbon Disulfide	5.503	4.650	15.5	80	0.00
17	Allyl chloride	3.329	2.744	17.6	78	0.00
18 M	Methylene Chloride	2.068	1.863	9.9	84	0.00
19 M	trans-1,2-Dichloroethene	1.918	1.758	8.3	87	0.00
20 T	Diisopropyl ether	6.717	5.513	17.9	75	0.00
21 M	1,1-Dichloroethane	3.706	3.266	11.9	82	0.00
22 M	cis-1,2-Dichloroethene	2.204	2.040	7.4	86	0.00
23 M	tert-Butyl Alcohol	0.338	0.295	12.7	77	0.00
24 M	Methyl tert-Butyl Ether	5.863	5.165	11.9	82	0.00
25 M	Chloroform	3.362	3.059	9.0	84	0.00
26	Cyclohexane	3.467	2.993	13.7	80	0.00
27 s	1,2-Dichloroethane-d4	2.081	2.002	3.8	78	0.00
28 I	1,4-Difluorobenzene	1.000	1.000	0.0	80	0.00
29	1,1-Dichloropropene	0.484	0.444	8.3	85	0.00
30 M	2-Butanone	0.217	0.214	1.4	86	0.00
31	2,2-Dichloropropane	0.507	0.444	12.4	80	0.00
32 M	1,1,1-Trichloroethane	0.480	0.440	8.3	85	0.00
33 M	Carbon Tetrachloride	0.397	0.375	5.5	87	0.00
34 M	Benzene	1.496	1.381	7.7	85	0.00
35	Methacrylonitrile	0.228	0.194	14.9	86	0.00
36 M	1,2-Dichloroethane	0.449	0.421	6.2	85	0.00
37 M	Trichloroethene	0.361	0.364	-0.8	93	0.00
38	Methylcyclohexane	0.574	0.524	8.7	85	0.00
39 M	1,2-Dichloropropane	0.407	0.367	9.8	83	0.00
40	Dibromomethane	0.230	0.212	7.8	84	0.00
41 M	Bromodichloromethane	0.467	0.406	13.1	81	0.00
42 M	Vinyl Acetate	0.950	0.767	19.3	74	0.00
43	Ethyl Acetate	0.444	0.386	13.1	79	0.00
44	Isopropyl Acetate	0.768	0.629	18.1	74	0.00
45 T	1,4-Dioxane	0.006	0.006#	0.0	79	0.00
46	Methyl methacrylate	0.368	0.305	17.1	77	0.00
47	n-amyl Acetate	0.643	0.501	22.1	76	0.00
48 M	t-1,3-Dichloropropene	0.551	0.463	16.0	79	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
49 T	cis-1,3-Dichloropropene	0.625	0.548	12.3	82	0.00
50 M	1,1,2-Trichloroethane	0.337	0.326	3.3	89	0.00
51	Ethyl methacrylate	0.543	0.474	12.7	82	0.00
52	1,3-Dichloropropane	0.604	0.562	7.0	86	0.00
53 M	Dibromochloromethane	0.342	0.314	8.2	88	0.00
54 M	1,2-Dibromoethane	0.338	0.328	3.0	91	0.00
55 M	2-Chloroethyl vinyl ether	0.241	0.183	24.1	63	0.00
56 M	Bromoform	0.216	0.189	12.5	84	0.00
57 I	Chlorobenzene-d5	1.000	1.000	0.0	83	0.00
58 M	4-Methyl-2-Pentanone	0.498	0.438	12.0	81	0.00
59 M	2-Hexanone	0.357	0.332	7.0	86	0.00
60 S	4-Bromofluorobenzene	0.488	0.480	1.6	82	0.00
61 M	Tetrachloroethene	0.395	0.398	-0.8	94	0.00
62 M	Toluene	1.754	1.643	6.3	89	0.00
63 S	Toluene-d8	1.442	1.414	1.9	81	0.00
64 M	Chlorobenzene	1.035	0.996	3.8	93	0.00
65	1,1,1,2-Tetrachloroethane	0.360	0.340	5.6	90	0.00
66 M	Ethyl Benzene	1.878	1.730	7.9	88	0.00
67 M	m/p-Xylenes	0.699	0.675	3.4	92	0.00
68 M	o-Xylene	0.681	0.643	5.6	90	0.00
69 M	Styrene	1.101	1.042	5.4	93	0.00
70	Isopropylbenzene	1.749	1.681	3.9	91	0.00
71 M	1,1,2,2-Tetrachloroethane	0.513	0.488	4.9	89	0.00
72	1,2,3-Trichloropropane	0.503	0.443	11.9	78	0.00
73	Bromobenzene	0.394	0.390	1.0	96	0.00
74	n-propylbenzene	2.022	1.893	6.4	91	0.00
75	2-Chlorotoluene	1.225	1.148	6.3	89	0.00
76	1,3,5-Trimethylbenzene	1.464	1.427	2.5	94	0.00
77	t-1,4-Dichloro-2-butene	0.196	0.146	25.5	74	0.00
78	4-Chlorotoluene	1.218	1.137	6.7	92	0.00
79	tert-butylbenzene	1.209	1.181	2.3	94	0.00
80	1,2,4-Trimethylbenzene	1.466	1.403	4.3	92	0.00
81	sec-Butylbenzene	1.615	1.578	2.3	93	0.00
82	p-Isopropyltoluene	1.438	1.406	2.2	95	0.00
83 M	1,3-Dichlorobenzene	0.689	0.696	-1.0	100	0.00
84 M	1,4-Dichlorobenzene	0.676	0.662	2.1	98	0.00
85	n-Butylbenzene	1.255	1.151	8.3	91	0.00
86 T	Hexachloroethane	0.250	0.213	14.8	85	0.00
87 M	1,2-Dichlorobenzene	0.689	0.693	-0.6	98	0.00
88	1,2-Dibromo-3-Chloropropane	0.099	0.083	16.2	79	0.00
89	1,2,4-Trichlorobenzene	0.359	0.330	8.1	99	0.00
90	Hexachlorobutadiene	0.163	0.166	-1.8	97	0.00
91 M	Naphthalene	1.150	0.988	14.1	93	0.00
92	1,2,3-Trichlorobenzene	0.360	0.347	3.6	100	0.00

(#) = Out of Range

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