

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN021021\
 Data File : VN065806.D
 Acq On : 10 Feb 2021 19:40
 Operator : JC/MD
 Sample : VSTDCCC020
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_N
 LabSampleId :
 VSTDCCC020

Quant Time: Feb 11 01:35:23 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	85	0.00
2 M	Dichlorodifluoromethane	1.792	1.674	6.6	91	0.00
3 M	Chloromethane	2.629	2.205	16.1	81	0.00
4 M	Vinyl Chloride	2.600	2.329	10.4	86	0.00
5 M	Bromomethane	1.551	1.331	14.2	82	0.00
6 M	Chloroethane	1.500	1.293	13.8	84	0.00
7 M	Trichlorofluoromethane	2.695	2.535	5.9	91	0.00
8 T	Diethyl Ether	1.236	1.084	12.3	85	0.00
9	1,1,2-Trichlorotrifluoroeth	1.647	1.539	6.6	89	0.00
10 M	1,1-Dichloroethene	1.754	1.633	6.9	90	0.00
11	Methyl Iodide	2.472	1.758	28.9	69	0.00
12	Methyl Acetate	2.125	1.599	24.8	72	0.00
13 M	Acrolein	0.285	0.207	27.4	63	0.00
14 M	Acrylonitrile	0.944	0.741	21.5	75	0.00
15 M	Acetone	0.289	0.196	32.2#	56	0.00
16 M	Carbon Disulfide	5.503	4.565	17.0	81	0.00
17	Allyl chloride	3.329	2.403	27.8	71	0.00
18 M	Methylene Chloride	2.068	1.813	12.3	85	0.00
19 M	trans-1,2-Dichloroethene	1.918	1.667	13.1	86	0.00
20 T	Diisopropyl ether	6.717	5.342	20.5	76	0.00
21 M	1,1-Dichloroethane	3.706	3.110	16.1	81	0.00
22 M	cis-1,2-Dichloroethene	2.204	1.964	10.9	86	0.00
23 M	tert-Butyl Alcohol	0.338	0.227	32.8#	62	0.00
24 M	Methyl tert-Butyl Ether	5.863	4.908	16.3	81	0.00
25 M	Chloroform	3.362	2.892	14.0	83	0.00
26	Cyclohexane	3.467	2.853	17.7	80	0.00
27 s	1,2-Dichloroethane-d4	2.081	1.917	7.9	78	0.00
28 I	1,4-Difluorobenzene	1.000	1.000	0.0	81	0.00
29	1,1-Dichloropropene	0.484	0.420	13.2	82	0.00
30 M	2-Butanone	0.217	0.155	28.6	64	0.00
31	2,2-Dichloropropane	0.507	0.404	20.3	74	0.00
32 M	1,1,1-Trichloroethane	0.480	0.441	8.1	86	0.00
33 M	Carbon Tetrachloride	0.397	0.352	11.3	83	0.00
34 M	Benzene	1.496	1.362	9.0	85	0.00
35	Methacrylonitrile	0.228	0.157	31.1#	70	0.00
36 M	1,2-Dichloroethane	0.449	0.402	10.5	82	0.00
37 M	Trichloroethene	0.361	0.358	0.8	93	0.00
38	Methylcyclohexane	0.574	0.496	13.6	82	0.00
39 M	1,2-Dichloropropane	0.407	0.355	12.8	81	0.00
40	Dibromomethane	0.230	0.208	9.6	83	0.00
41 M	Bromodichloromethane	0.467	0.403	13.7	81	0.00
42 M	Vinyl Acetate	0.950	0.733	22.8	72	0.00
43	Ethyl Acetate	0.444	0.312	29.7	65	0.00
44	Isopropyl Acetate	0.768	0.580	24.5	70	0.00
45 T	1,4-Dioxane	0.006	0.005#	16.7	69	0.00
46	Methyl methacrylate	0.368	0.284	22.8	73	0.00
47	n-amyl Acetate	0.643	0.480	25.3	74	0.00
48 M	t-1,3-Dichloropropene	0.551	0.443	19.6	77	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
49 T	cis-1,3-Dichloropropene	0.625	0.524	16.2	80	0.00
50 M	1,1,2-Trichloroethane	0.337	0.315	6.5	88	0.00
51	Ethyl methacrylate	0.543	0.454	16.4	79	0.00
52	1,3-Dichloropropane	0.604	0.546	9.6	84	0.00
53 M	Dibromochloromethane	0.342	0.297	13.2	84	0.00
54 M	1,2-Dibromoethane	0.338	0.317	6.2	89	0.00
55 M	2-Chloroethyl vinyl ether	0.241	0.201	16.6	70	0.00
56 M	Bromoform	0.216	0.182	15.7	83	0.00
57 I	Chlorobenzene-d5	1.000	1.000	0.0	84	0.00
58 M	4-Methyl-2-Pentanone	0.498	0.390	21.7	73	0.00
59 M	2-Hexanone	0.357	0.266	25.5	70	0.00
60 S	4-Bromofluorobenzene	0.488	0.482	1.2	83	0.00
61 M	Tetrachloroethene	0.395	0.388	1.8	92	0.00
62 M	Toluene	1.754	1.609	8.3	88	0.00
63 S	Toluene-d8	1.442	1.441	0.1	83	0.00
64 M	Chlorobenzene	1.035	0.971	6.2	91	0.00
65	1,1,1,2-Tetrachloroethane	0.360	0.335	6.9	90	0.00
66 M	Ethyl Benzene	1.878	1.702	9.4	88	0.00
67 M	m/p-Xylenes	0.699	0.649	7.2	89	0.00
68 M	o-Xylene	0.681	0.637	6.5	90	0.00
69 M	Styrene	1.101	1.013	8.0	91	0.00
70	Isopropylbenzene	1.749	1.615	7.7	89	0.00
71 M	1,1,2,2-Tetrachloroethane	0.513	0.468	8.8	86	0.00
72	1,2,3-Trichloropropane	0.503	0.435	13.5	77	0.00
73	Bromobenzene	0.394	0.384	2.5	96	0.00
74	n-propylbenzene	2.022	1.830	9.5	89	0.00
75	2-Chlorotoluene	1.225	1.108	9.6	87	0.00
76	1,3,5-Trimethylbenzene	1.464	1.369	6.5	91	0.00
77	t-1,4-Dichloro-2-butene	0.196	0.117	40.3#	60	0.00
78	4-Chlorotoluene	1.218	1.110	8.9	90	0.00
79	tert-butylbenzene	1.209	1.166	3.6	93	0.00
80	1,2,4-Trimethylbenzene	1.466	1.370	6.5	91	0.00
81	sec-Butylbenzene	1.615	1.503	6.9	90	0.00
82	p-Isopropyltoluene	1.438	1.345	6.5	92	0.00
83 M	1,3-Dichlorobenzene	0.689	0.670	2.8	97	0.00
84 M	1,4-Dichlorobenzene	0.676	0.633	6.4	95	0.00
85	n-Butylbenzene	1.255	1.087	13.4	87	0.00
86 T	Hexachloroethane	0.250	0.195	22.0	78	0.00
87 M	1,2-Dichlorobenzene	0.689	0.669	2.9	95	0.00
88	1,2-Dibromo-3-Chloropropane	0.099	0.071	28.3	68	0.00
89	1,2,4-Trichlorobenzene	0.359	0.313	12.8	94	0.00
90	Hexachlorobutadiene	0.163	0.165	-1.2	97	0.00
91 M	Naphthalene	1.150	0.964	16.2	92	0.00
92	1,2,3-Trichlorobenzene	0.360	0.346	3.9	100	0.00

(#) = Out of Range

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