

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN033021\
 Data File : VN066432.D
 Acq On : 30 Mar 2021 20:02
 Operator : JC/MD
 Sample : VSTDCCC020
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_N
 LabSampleId :
 VSTDCCC020

Quant Time: Mar 31 02:56:06 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	81	0.00
2 M	Dichlorodifluoromethane	1.678	1.563	6.9	76	0.00
3 M	Chloromethane	2.109	2.076	1.6	81	0.00
4 M	Vinyl Chloride	2.217	2.291	-3.3	84	0.00
5 M	Bromomethane	1.569	1.360	13.3	73	0.00
6 M	Chloroethane	1.420	1.219	14.2	70	0.00
7 M	Trichlorofluoromethane	3.198	2.643	17.4	69	0.00
8 T	Diethyl Ether	1.080	1.016	5.9	76	0.00
9	1,1,2-Trichlorotrifluoroeth	1.565	1.524	2.6	79	0.00
10 M	1,1-Dichloroethene	1.549	1.506	2.8	81	0.00
11	Methyl Iodide	2.228	2.126	4.6	75	0.00
12	Methyl Acetate	2.405	2.488	-3.5	80	0.00
13 M	Acrolein	0.167	0.136	18.6	79	0.00
14 M	Acrylonitrile	0.992	0.959	3.3	77	0.00
15 M	Acetone	0.289	0.247	14.5	74	0.00
16 M	Carbon Disulfide	4.291	3.918	8.7	74	0.00
17	Allyl chloride	2.799	2.472	11.7	67	0.00
18 M	Methylene Chloride	1.851	1.897	-2.5	83	0.00
19 M	trans-1,2-Dichloroethene	1.704	1.626	4.6	78	0.00
20 T	Diisopropyl ether	6.143	6.076	1.1	80	0.00
21 M	1,1-Dichloroethane	3.325	3.294	0.9	80	0.00
22 M	cis-1,2-Dichloroethene	2.040	1.977	3.1	78	0.00
23 M	tert-Butyl Alcohol	0.407	0.357	12.3	68	-0.02
24 M	Methyl tert-Butyl Ether	5.910	5.559	5.9	76	0.00
25 M	Chloroform	3.359	3.321	1.1	79	0.00
26	Cyclohexane	2.949	2.686	8.9	74	0.00
27 s	1,2-Dichloroethane-d4	2.306	2.263	1.9	78	0.00
28 I	1,4-Difluorobenzene	1.000	1.000	0.0	77	0.00
29	1,1-Dichloropropene	0.449	0.435	3.1	77	0.00
30 M	2-Butanone	0.263	0.245	6.8	73	0.00
31	2,2-Dichloropropane	0.556	0.520	6.5	73	0.00
32 M	1,1,1-Trichloroethane	0.544	0.541	0.6	79	0.00
33 M	Carbon Tetrachloride	0.459	0.440	4.1	75	0.00
34 M	Benzene	1.367	1.433	-4.8	82	0.00
35	Methacrylonitrile	0.222	0.221	0.5	82	0.00
36 M	1,2-Dichloroethane	0.501	0.489	2.4	75	0.00
37 M	Trichloroethene	0.357	0.341	4.5	75	0.00
38	Methylcyclohexane	0.555	0.504	9.2	72	0.00
39 M	1,2-Dichloropropane	0.370	0.383	-3.5	81	0.00
40	Dibromomethane	0.238	0.238	0.0	78	0.00
41 M	Bromodichloromethane	0.504	0.491	2.6	76	0.00
42 M	Vinyl Acetate	0.991	0.938	5.3	74	0.00
43	Ethyl Acetate	0.506	0.513	-1.4	77	0.00
44	Isopropyl Acetate	0.904	0.844	6.6	72	0.00
45 T	1,4-Dioxane	0.006	0.005#	16.7	73	0.00
46	Methyl methacrylate	0.422	0.352	16.6	65	0.00
47	n-amyl Acetate	0.366	0.293	19.9	59	0.00
48 M	t-1,3-Dichloropropene	0.547	0.506	7.5	73	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
49 T	cis-1,3-Dichloropropene	0.588	0.562	4.4	75	0.00
50 M	1,1,2-Trichloroethane	0.341	0.356	-4.4	81	0.00
51	Ethyl methacrylate	0.533	0.459	13.9	67	0.00
52	1,3-Dichloropropane	0.568	0.574	-1.1	78	0.00
53 M	Dibromochloromethane	0.383	0.371	3.1	75	0.00
54 M	1,2-Dibromoethane	0.351	0.347	1.1	76	0.00
55 M	2-Chloroethyl vinyl ether	0.079	0.061	22.8	57	0.00
56 M	Bromoform	0.281	0.269	4.3	74	0.00
57 I	Chlorobenzene-d5	1.000	1.000	0.0	77	0.00
58 M	4-Methyl-2-Pentanone	0.601	0.561	6.7	73	0.00
59 M	2-Hexanone	0.414	0.336	18.8	63	0.00
60 S	4-Bromofluorobenzene	0.468	0.451	3.6	74	0.00
61 M	Tetrachloroethene	0.413	0.388	6.1	74	0.00
62 M	Toluene	1.661	1.628	2.0	78	0.00
63 S	Toluene-d8	1.408	1.418	-0.7	78	0.00
64 M	Chlorobenzene	0.976	0.975	0.1	78	0.00
65	1,1,1,2-Tetrachloroethane	0.383	0.382	0.3	79	0.00
66 M	Ethyl Benzene	1.789	1.745	2.5	77	0.00
67 M	m/p-Xylenes	0.665	0.649	2.4	77	0.00
68 M	o-Xylene	0.656	0.628	4.3	75	0.00
69 M	Styrene	1.052	0.988	6.1	74	0.00
70	Isopropylbenzene	1.727	1.663	3.7	76	0.00
71 M	1,1,2,2-Tetrachloroethane	0.553	0.593	-7.2	82	0.00
72	1,2,3-Trichloropropane	0.534	0.527	1.3	75	0.00
73	Bromobenzene	0.426	0.424	0.5	77	0.00
74	n-propylbenzene	1.909	1.863	2.4	77	0.00
75	2-Chlorotoluene	1.156	1.142	1.2	78	0.00
76	1,3,5-Trimethylbenzene	1.421	1.363	4.1	76	0.00
77	t-1,4-Dichloro-2-butene	0.173	0.158	8.7	69	0.00
78	4-Chlorotoluene	1.134	1.111	2.0	76	0.00
79	tert-butylbenzene	1.235	1.186	4.0	77	0.00
80	1,2,4-Trimethylbenzene	1.378	1.278	7.3	74	0.00
81	sec-Butylbenzene	1.577	1.509	4.3	76	0.00
82	p-Isopropyltoluene	1.389	1.287	7.3	74	0.00
83 M	1,3-Dichlorobenzene	0.698	0.689	1.3	78	0.00
84 M	1,4-Dichlorobenzene	0.679	0.652	4.0	75	0.00
85	n-Butylbenzene	1.133	1.016	10.3	71	0.00
86 T	Hexachloroethane	0.256	0.255	0.4	78	0.00
87 M	1,2-Dichlorobenzene	0.690	0.687	0.4	78	0.00
88	1,2-Dibromo-3-Chloropropane	0.113	0.103	8.8	70	0.00
89	1,2,4-Trichlorobenzene	0.441	0.395	10.4	73	0.00
90	Hexachlorobutadiene	0.239	0.231	3.3	79	0.00
91 M	Naphthalene	1.341	1.113	17.0	66	0.00
92	1,2,3-Trichlorobenzene	0.432	0.374	13.4	69	0.00

(#) = Out of Range

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