

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN102521\
 Data File : VN069146.D
 Acq On : 25 Oct 2021 11:37
 Operator : JC/MD
 Sample : VSTDCCC020
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_N
 LabSampleId :
 VSTDCCC020

Quant Time: Oct 26 03:33:55 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N102221W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Fri Oct 22 13:15:19 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	89	0.00
2 M	Dichlorodifluoromethane	1.984	2.205	-11.1	93	0.00
3 M	Chloromethane	2.062	2.250	-9.1	92	0.00
4 M	Vinyl Chloride	2.458	2.609	-6.1	90	0.00
5 M	Bromomethane	1.612	1.710	-6.1	81	0.00
6 M	Chloroethane	1.593	1.648	-3.5	78	0.00
7 M	Trichlorofluoromethane	3.183	3.484	-9.5	91	0.00
8 T	Diethyl Ether	1.127	1.190	-5.6	87	0.00
9	1,1,2-Trichlorotrifluoroeth	1.729	1.930	-11.6	94	0.00
10 M	1,1-Dichloroethene	1.687	1.784	-5.7	90	0.00
11	Methyl Iodide	2.372	2.336	1.5	88	0.00
12	Methyl Acetate	3.213	3.254	-1.3	86	0.00
13 M	Acrolein	0.194	0.213	-9.8	98	0.00
14 M	Acrylonitrile	0.912	0.924	-1.3	86	0.00
15 M	Acetone	0.285	0.323	-13.3	83	0.00
16 M	Carbon Disulfide	4.534	4.815	-6.2	93	0.00
17	Allyl chloride	2.906	3.041	-4.6	89	0.00
18 M	Methylene Chloride	2.005	2.134	-6.4	90	0.00
19 M	trans-1,2-Dichloroethene	1.832	1.918	-4.7	90	0.00
20 T	Diisopropyl ether	6.207	6.504	-4.8	90	0.00
21 M	1,1-Dichloroethane	3.464	3.732	-7.7	91	0.00
22 M	cis-1,2-Dichloroethene	2.196	2.347	-6.9	92	0.00
23 M	tert-Butyl Alcohol	0.374	0.364	2.7	84	0.00
24 M	Methyl tert-Butyl Ether	6.400	6.713	-4.9	90	0.00
25 M	Chloroform	3.702	3.988	-7.7	91	0.00
26	Cyclohexane	3.191	3.426	-7.4	92	0.00
27 s	1,2-Dichloroethane-d4	2.337	2.395	-2.5	91	0.00
28 I	1,4-Difluorobenzene	1.000	1.000	0.0	90	0.00
29	1,1-Dichloropropene	0.472	0.491	-4.0	92	0.00
30 M	2-Butanone	0.227	0.228	-0.4	84	0.00
31	2,2-Dichloropropane	0.566	0.592	-4.6	91	0.00
32 M	1,1,1-Trichloroethane	0.587	0.603	-2.7	90	0.00
33 M	Carbon Tetrachloride	0.499	0.525	-5.2	93	0.00
34 M	Benzene	1.410	1.452	-3.0	89	0.00
35	Methacrylonitrile	0.226	0.217	4.0	87	0.00
36 M	1,2-Dichloroethane	0.509	0.528	-3.7	92	0.00
37 M	Trichloroethene	0.358	0.367	-2.5	90	0.00
38	Methylcyclohexane	0.601	0.638	-6.2	93	0.00
39 M	1,2-Dichloropropane	0.359	0.372	-3.6	89	0.00
40	Dibromomethane	0.251	0.258	-2.8	91	0.00
41 M	Bromodichloromethane	0.502	0.519	-3.4	92	0.00
42 M	Vinyl Acetate	0.809	0.808	0.1	88	0.00
43	Ethyl Acetate	0.442	0.436	1.4	84	0.00
44	Isopropyl Acetate	0.819	0.797	2.7	85	0.00
45 T	1,4-Dioxane	0.007	0.007#	0.0	90	0.00
46	Methyl methacrylate	0.370	0.341	7.8	88	0.00
47	n-amyl Acetate	0.695	0.647	6.9	86	0.00
48 M	t-1,3-Dichloropropene	0.581	0.594	-2.2	91	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
49 T	cis-1,3-Dichloropropene	0.605	0.616	-1.8	91	0.00
50 M	1,1,2-Trichloroethane	0.361	0.363	-0.6	89	0.00
51	Ethyl methacrylate	0.595	0.580	2.5	86	0.00
52	1,3-Dichloropropane	0.607	0.617	-1.6	89	0.00
53 M	Dibromochloromethane	0.385	0.391	-1.6	92	0.00
54 M	1,2-Dibromoethane	0.377	0.378	-0.3	89	0.00
55 M	2-Chloroethyl vinyl ether	0.189	0.153	19.0	76	0.00
56 M	Bromoform	0.278	0.270	2.9	92	0.00
57 I	Chlorobenzene-d5	1.000	1.000	0.0	89	0.00
58 M	4-Methyl-2-Pentanone	0.506	0.514	-1.6	86	0.00
59 M	2-Hexanone	0.382	0.385	-0.8	84	0.00
60 S	4-Bromofluorobenzene	0.514	0.504	1.9	89	0.00
61 M	Tetrachloroethene	0.326	0.364	-11.7	96	0.00
62 M	Toluene	1.747	1.865	-6.8	90	0.00
63 S	Toluene-d8	1.355	1.385	-2.2	90	0.00
64 M	Chlorobenzene	1.060	1.107	-4.4	90	0.00
65	1,1,1,2-Tetrachloroethane	0.394	0.411	-4.3	90	0.00
66 M	Ethyl Benzene	1.965	2.097	-6.7	92	0.00
67 M	m/p-Xylenes	0.739	0.784	-6.1	91	0.00
68 M	o-Xylene	0.740	0.770	-4.1	90	0.00
69 M	Styrene	1.226	1.253	-2.2	91	0.00
70	Isopropylbenzene	1.939	2.040	-5.2	91	0.00
71 M	1,1,2,2-Tetrachloroethane	0.568	0.584	-2.8	86	0.00
72	1,2,3-Trichloropropane	0.488	0.485	0.6	93	0.00
73	Bromobenzene	0.440	0.450	-2.3	90	0.00
74	n-propylbenzene	2.227	2.366	-6.2	93	0.00
75	2-Chlorotoluene	1.364	1.439	-5.5	92	0.00
76	1,3,5-Trimethylbenzene	1.616	1.710	-5.8	92	0.00
77	t-1,4-Dichloro-2-butene	0.191	0.185	3.1	88	0.00
78	4-Chlorotoluene	1.337	1.391	-4.0	93	0.00
79	tert-butylbenzene	1.419	1.508	-6.3	92	0.00
80	1,2,4-Trimethylbenzene	1.587	1.671	-5.3	91	0.00
81	sec-Butylbenzene	1.987	2.093	-5.3	92	0.00
82	p-Isopropyltoluene	1.621	1.697	-4.7	93	0.00
83 M	1,3-Dichlorobenzene	0.774	0.808	-4.4	94	0.00
84 M	1,4-Dichlorobenzene	0.754	0.769	-2.0	92	0.00
85	n-Butylbenzene	1.355	1.398	-3.2	95	0.00
86 T	Hexachloroethane	0.303	0.314	-3.6	93	0.00
87 M	1,2-Dichlorobenzene	0.739	0.777	-5.1	93	0.00
88	1,2-Dibromo-3-Chloropropane	0.106	0.109	-2.8	91	0.00
89	1,2,4-Trichlorobenzene	0.373	0.363	2.7	92	0.00
90	Hexachlorobutadiene	0.195	0.211	-8.2	95	0.00
91 M	Naphthalene	1.078	0.959	11.0	86	0.00
92	1,2,3-Trichlorobenzene	0.356	0.351	1.4	92	0.00

(#) = Out of Range

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