

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN012224\
 Data File : VN080750.D
 Acq On : 22 Jan 2024 20:56
 Operator : JC\MD
 Sample : VSTDCCC020
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_N
 LabSampleId :
 VSTDCCC020

Quant Time: Jan 23 01:32:53 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N011124W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Fri Jan 12 05:20:11 2024
 Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
 Max. RRF Dev : 25% Max. Rel. Area : 150%

	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
1 I	Bromochloromethane	1.000	1.000	0.0	77	0.00
2 M	Dichlorodifluoromethane	5.099	4.515	11.5	68	0.00
3 M	Chloromethane	6.946	6.632	4.5	76	0.00
4 M	Vinyl Chloride	5.283	5.199	1.6	77	0.00
5 M	Bromomethane	1.940	1.950	-0.5	77	0.00
6 M	Chloroethane	2.856	2.739	4.1	73	0.00
7 M	Trichlorofluoromethane	7.893	6.767	14.3	66	0.00
8 T	Diethyl Ether	3.673	3.099	15.6	63	0.00
9	1,1,2-Trichlorotrifluoroeth	4.548	4.187	7.9	70	-0.01
10 M	1,1-Dichloroethene	4.886	4.368	10.6	68	0.00
11	Methyl Iodide	4.167	3.382	18.8	63	0.00
12	Methyl Acetate	5.780	5.544	4.1	73	0.00
13 M	Acrolein	0.768	0.669	12.9	68	0.00
14 M	Acrylonitrile	2.605	2.481	4.8	72	0.00
15 M	Acetone	0.591	0.546	7.6	68	0.00
16 M	Carbon Disulfide	15.136	12.595	16.8	63	0.00
17	Allyl chloride	9.890	8.692	12.1	68	0.00
18 M	Methylene Chloride	5.678	5.000	11.9	66	0.00
19 M	trans-1,2-Dichloroethene	5.137	4.662	9.2	66	0.00
20 T	Diisopropyl ether	20.070	18.591	7.4	70	0.00
21 M	1,1-Dichloroethane	10.899	10.444	4.2	71	0.01
22 M	cis-1,2-Dichloroethene	6.009	5.472	8.9	69	0.00
23 M	tert-Butyl Alcohol	0.898	0.765	14.8	63	0.00
24 M	Methyl tert-Butyl Ether	17.666	15.612	11.6	65	0.00
25 M	Chloroform	10.148	9.208	9.3	69	0.00
26	Cyclohexane	8.571	8.312	3.0	74	0.00
27 s	1,2-Dichloroethane-d4	4.845	5.293	-9.2	77	0.00
28 I	1,4-Difluorobenzene	1.000	1.000	0.0	90	0.00
29	1,1-Dichloropropene	0.912	0.682	25.2#	72	0.00
30 M	2-Butanone	0.404	0.308	23.8	69	0.00
31	2,2-Dichloropropane	1.096	0.757	30.9#	66	0.00
32 M	1,1,1-Trichloroethane	1.003	0.704	29.8#	68	0.00
33 M	Carbon Tetrachloride	0.793	0.546	31.1#	67	0.00
34 M	Benzene	2.705	2.091	22.7	72	0.00
35	Methacrylonitrile	0.506	0.410	19.0	74	0.00
36 M	1,2-Dichloroethane	0.995	0.697	29.9#	66	0.00
37 M	Trichloroethene	0.590	0.430	27.1#	71	0.00
38	Methylcyclohexane	0.888	0.678	23.6	72	0.00
39 M	1,2-Dichloropropane	0.729	0.591	18.9	78	0.00
40	Dibromomethane	0.434	0.326	24.9	70	0.00
41 M	Bromodichloromethane	0.949	0.690	27.3#	69	0.00
42 M	Vinyl Acetate	1.876	1.420	24.3	70	0.00
43	Ethyl Acetate	0.847	0.681	19.6	69	0.00
44	Isopropyl Acetate	1.618	1.215	24.9	70	0.00
45 T	1,4-Dioxane	0.009	0.007	22.2	63	0.00
46	Methyl methacrylate	0.762	0.589	22.7	72	0.00
47	n-amyl Acetate	1.451	1.051	27.6#	67	0.00
48 M	t-1,3-Dichloropropene	1.119	0.764	31.7#	65	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
49 T	cis-1,3-Dichloropropene	1.187	0.837	29.5#	67	0.00
50 M	1,1,2-Trichloroethane	0.596	0.447	25.0	69	0.00
51	Ethyl methacrylate	1.030	0.752	27.0#	68	0.00
52	1,3-Dichloropropane	1.122	0.842	25.0	69	0.00
53 M	Dibromochloromethane	0.596	0.407	31.7#	63	0.00
54 M	1,2-Dibromoethane	0.586	0.430	26.6#	69	0.00
55 M	2-Chloroethyl vinyl ether	0.529	0.392	25.9#	66	0.00
56 M	Bromoform	0.352	0.232	34.1#	63	0.00
57 I	Chlorobenzene-d5	1.000	1.000	0.0	85	0.00
58 M	4-Methyl-2-Pentanone	0.789	0.639	19.0	71	0.00
59 M	2-Hexanone	0.589	0.453	23.1	69	0.00
60 S	4-Bromofluorobenzene	0.664	0.588	11.4	76	0.00
61 M	Tetrachloroethene	0.399	0.318	20.3	72	0.00
62 M	Toluene	2.413	1.933	19.9	73	0.00
63 S	Toluene-d8	1.317	1.327	-0.8	86	0.00
64 M	Chlorobenzene	1.344	1.011	24.8	69	0.00
65	1,1,1,2-Tetrachloroethane	0.483	0.349	27.7#	67	0.00
66 M	Ethyl Benzene	2.538	2.051	19.2	74	0.00
67 M	m/p-Xylenes	0.912	0.711	22.0	70	0.00
68 M	o-Xylene	0.910	0.718	21.1	73	0.00
69 M	Styrene	1.528	1.177	23.0	70	0.00
70	Isopropylbenzene	2.223	1.766	20.6	72	0.00
71 M	1,1,2,2-Tetrachloroethane	0.726	0.548	24.5	67	0.00
72	1,2,3-Trichloropropane	0.688	0.552	19.8	68	0.00
73	Bromobenzene	0.474	0.361	23.8	69	0.00
74	n-propylbenzene	2.681	2.130	20.6	72	0.00
75	2-Chlorotoluene	1.686	1.282	24.0	71	0.00
76	1,3,5-Trimethylbenzene	1.850	1.437	22.3	72	0.00
77	t-1,4-Dichloro-2-butene	0.282	0.211	25.2#	69	0.00
78	4-Chlorotoluene	1.686	1.277	24.3	72	0.00
79	tert-butylbenzene	1.444	1.153	20.2	73	0.00
80	1,2,4-Trimethylbenzene	1.810	1.407	22.3	68	0.00
81	sec-Butylbenzene	2.126	1.672	21.4	73	0.00
82	p-Isopropyltoluene	1.622	1.297	20.0	72	0.00
83 M	1,3-Dichlorobenzene	0.822	0.661	19.6	73	0.00
84 M	1,4-Dichlorobenzene	0.828	0.636	23.2	70	0.00
85	n-Butylbenzene	1.602	1.225	23.5	72	0.00
86 T	Hexachloroethane	0.305	0.218	28.5#	73	0.00
87 M	1,2-Dichlorobenzene	0.807	0.650	19.5	73	0.00
88	1,2-Dibromo-3-Chloropropane	0.151	0.091	39.7#	52	0.01
89	1,2,4-Trichlorobenzene	0.405	0.288	28.9#	63	0.00
90	Hexachlorobutadiene	0.185	0.128	30.8#	66	0.00
91 M	Naphthalene	1.577	1.136	28.0#	63	0.00
92	1,2,3-Trichlorobenzene	0.405	0.288	28.9#	63	0.00

(#) = Out of Range

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