

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN082823\
 Data File : VN079078.D
 Acq On : 28 Aug 2023 19:44
 Operator : JC\MD
 Sample : VSTDCCC020
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_N
 LabSampleId :
 VSTDCCC020

Quant Time: Aug 29 05:23:12 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N081723W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Fri Aug 18 05:21:14 2023
 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	88	0.00
2 M	Dichlorodifluoromethane	1.893	1.748	7.7	81	0.00
3 M	Chloromethane	2.269	2.083	8.2	80	0.00
4 M	Vinyl Chloride	2.245	2.146	4.4	83	0.00
5 M	Bromomethane	1.386	1.216	12.3	79	0.00
6 M	Chloroethane	1.459	1.497	-2.6	92	0.00
7 M	Trichlorofluoromethane	3.024	2.871	5.1	86	0.00
8 T	Diethyl Ether	1.137	1.032	9.2	79	0.00
9	1,1,2-Trichlorotrifluoroeth	1.579	1.591	-0.8	88	0.00
10 M	1,1-Dichloroethene	1.589	1.473	7.3	79	0.01
11	Methyl Iodide	1.918	1.896	1.1	86	0.00
12	Methyl Acetate	3.725	3.558	4.5	83	0.00
13 M	Acrolein	0.260	0.171	34.2#	60	0.00
14 M	Acrylonitrile	0.979	0.959	2.0	83	0.00
15 M	Acetone	0.300	0.238	20.7	71	0.00
16 M	Carbon Disulfide	4.566	4.028	11.8	76	0.00
17	Allyl chloride	2.913	2.313	20.6	70	0.00
18 M	Methylene Chloride	1.900	1.901	-0.1	87	0.00
19 M	trans-1,2-Dichloroethene	1.788	1.655	7.4	83	0.00
20 T	Diisopropyl ether	6.336	6.143	3.0	83	0.00
21 M	1,1-Dichloroethane	3.516	3.499	0.5	86	0.00
22 M	cis-1,2-Dichloroethene	2.047	2.004	2.1	82	0.00
23 M	tert-Butyl Alcohol	0.365	0.330	9.6	75	0.01
24 M	Methyl tert-Butyl Ether	5.641	5.366	4.9	80	0.00
25 M	Chloroform	3.542	3.507	1.0	87	0.00
26	Cyclohexane	2.572	2.507	2.5	84	0.00
27 s	1,2-Dichloroethane-d4	2.430	2.386	1.8	86	0.00
28 I	1,4-Difluorobenzene	1.000	1.000	0.0	85	0.00
29	1,1-Dichloropropene	0.456	0.454	0.4	81	0.00
30 M	2-Butanone	0.267	0.245	8.2	78	0.00
31	2,2-Dichloropropane	0.504	0.421	16.5	69	0.00
32 M	1,1,1-Trichloroethane	0.545	0.553	-1.5	85	0.00
33 M	Carbon Tetrachloride	0.472	0.487	-3.2	85	0.00
34 M	Benzene	1.368	1.368	0.0	83	0.00
35	Methacrylonitrile	0.285	0.284	0.4	81	0.00
36 M	1,2-Dichloroethane	0.512	0.517	-1.0	86	0.00
37 M	Trichloroethene	0.340	0.326	4.1	82	0.00
38	Methylcyclohexane	0.402	0.420	-4.5	87	0.00
39 M	1,2-Dichloropropane	0.368	0.371	-0.8	86	0.00
40	Dibromomethane	0.247	0.254	-2.8	86	0.00
41 M	Bromodichloromethane	0.497	0.498	-0.2	83	0.00
42 M	Vinyl Acetate	0.753	0.749	0.5	81	0.00
43	Ethyl Acetate	0.518	0.536	-3.5	90	0.00
44	Isopropyl Acetate	0.913	0.908	0.5	82	0.00
45 T	1,4-Dioxane	0.007	0.007	0.0	85	0.00
46	Methyl methacrylate	0.402	0.392	2.5	79	0.00
47	n-amyl Acetate	0.701	0.647	7.7	74	0.00
48 M	t-1,3-Dichloropropene	0.529	0.514	2.8	81	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
49 T	cis-1,3-Dichloropropene	0.567	0.546	3.7	80	0.00
50 M	1,1,2-Trichloroethane	0.334	0.356	-6.6	87	0.00
51	Ethyl methacrylate	0.516	0.490	5.0	77	0.00
52	1,3-Dichloropropane	0.598	0.600	-0.3	84	0.00
53 M	Dibromochloromethane	0.365	0.352	3.6	83	0.00
54 M	1,2-Dibromoethane	0.343	0.334	2.6	81	0.00
55 M	2-Chloroethyl vinyl ether	0.239	0.182	23.8	68	0.00
56 M	Bromoform	0.258	0.248	3.9	81	0.00
57 I	Chlorobenzene-d5	1.000	1.000	0.0	84	0.00
58 M	4-Methyl-2-Pentanone	0.595	0.586	1.5	83	0.00
59 M	2-Hexanone	0.436	0.412	5.5	79	0.00
60 S	4-Bromofluorobenzene	0.438	0.432	1.4	83	0.00
61 M	Tetrachloroethene	0.290	0.291	-0.3	84	0.00
62 M	Toluene	1.638	1.634	0.2	83	0.00
63 S	Toluene-d8	1.401	1.456	-3.9	88	0.00
64 M	Chlorobenzene	0.985	0.970	1.5	82	0.00
65	1,1,1,2-Tetrachloroethane	0.377	0.370	1.9	81	0.00
66 M	Ethyl Benzene	1.713	1.673	2.3	82	0.00
67 M	m/p-Xylenes	0.639	0.640	-0.2	83	0.00
68 M	o-Xylene	0.630	0.619	1.7	82	0.00
69 M	Styrene	1.023	1.004	1.9	80	0.00
70	Isopropylbenzene	1.526	1.547	-1.4	84	0.00
71 M	1,1,2,2-Tetrachloroethane	0.572	0.579	-1.2	85	0.00
72	1,2,3-Trichloropropane	0.469	0.463	1.3	85	0.00
73	Bromobenzene	0.389	0.393	-1.0	85	0.00
74	n-propylbenzene	1.730	1.808	-4.5	86	0.00
75	2-Chlorotoluene	1.097	1.140	-3.9	87	0.00
76	1,3,5-Trimethylbenzene	1.210	1.297	-7.2	89	0.00
77	t-1,4-Dichloro-2-butene	0.174	0.145	16.7	70	0.00
78	4-Chlorotoluene	1.051	1.072	-2.0	85	0.00
79	tert-butylbenzene	1.022	1.131	-10.7	94	0.00
80	1,2,4-Trimethylbenzene	1.190	1.279	-7.5	88	0.00
81	sec-Butylbenzene	1.349	1.502	-11.3	91	0.00
82	p-Isopropyltoluene	1.101	1.196	-8.6	87	0.00
83 M	1,3-Dichlorobenzene	0.627	0.653	-4.1	89	0.00
84 M	1,4-Dichlorobenzene	0.616	0.600	2.6	79	0.00
85	n-Butylbenzene	0.866	0.896	-3.5	84	0.00
86 T	Hexachloroethane	0.225	0.248	-10.2	93	0.00
87 M	1,2-Dichlorobenzene	0.642	0.660	-2.8	84	0.00
88	1,2-Dibromo-3-Chloropropane	0.103	0.096	6.8	74	0.00
89	1,2,4-Trichlorobenzene	0.254	0.249	2.0	77	0.00
90	Hexachlorobutadiene	0.132	0.147	-11.4	85	0.00
91 M	Naphthalene	0.731	0.601	17.8	64	0.00
92	1,2,3-Trichlorobenzene	0.254	0.249	2.0	77	0.00

(#) = Out of Range

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