

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN080923\
 Data File : VN078812.D
 Acq On : 09 Aug 2023 11:19
 Operator : JC\MD
 Sample : VSTDCCC020
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_N
 LabSampleId :
 VSTDCCC020

Quant Time: Aug 10 05:21:33 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N080823W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Wed Aug 09 05:05:47 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	96	0.00
2 M	Dichlorodifluoromethane	2.068	2.180	-5.4	96	0.00
3 M	Chloromethane	2.462	2.535	-3.0	94	0.00
4 M	Vinyl Chloride	2.343	2.348	-0.2	95	0.00
5 M	Bromomethane	1.705	1.639	3.9	90	0.00
6 M	Chloroethane	1.664	1.518	8.8	86	0.00
7 M	Trichlorofluoromethane	3.216	3.300	-2.6	92	0.00
8 T	Diethyl Ether	1.144	1.105	3.4	89	0.00
9	1,1,2-Trichlorotrifluoroeth	1.725	1.854	-7.5	96	0.00
10 M	1,1-Dichloroethene	1.671	1.671	0.0	92	0.00
11	Methyl Iodide	2.229	2.200	1.3	90	0.00
12	Methyl Acetate	3.631	3.427	5.6	86	0.00
13 M	Acrolein	0.385	0.308	20.0	79	0.00
14 M	Acrylonitrile	0.957	0.938	2.0	88	0.00
15 M	Acetone	0.247	0.249	-0.8	92	0.01
16 M	Carbon Disulfide	4.836	4.975	-2.9	93	0.00
17	Allyl chloride	2.920	2.858	2.1	98	0.00
18 M	Methylene Chloride	2.085	2.142	-2.7	94	0.00
19 M	trans-1,2-Dichloroethene	1.918	1.832	4.5	89	0.00
20 T	Diisopropyl ether	6.558	6.906	-5.3	97	0.00
21 M	1,1-Dichloroethane	3.739	3.887	-4.0	96	0.00
22 M	cis-1,2-Dichloroethene	2.126	2.176	-2.4	92	0.00
23 M	tert-Butyl Alcohol	0.356	0.324	9.0	85	-0.01
24 M	Methyl tert-Butyl Ether	5.592	5.665	-1.3	93	0.00
25 M	Chloroform	3.712	3.923	-5.7	98	0.00
26	Cyclohexane	2.945	3.170	-7.6	103	0.00
27 s	1,2-Dichloroethane-d4	2.415	2.474	-2.4	96	0.00
28 I	1,4-Difluorobenzene	1.000	1.000	0.0	94	0.00
29	1,1-Dichloropropene	0.487	0.486	0.2	92	0.00
30 M	2-Butanone	0.239	0.229	4.2	90	0.00
31	2,2-Dichloropropane	0.503	0.525	-4.4	97	0.00
32 M	1,1,1-Trichloroethane	0.574	0.583	-1.6	98	-0.01
33 M	Carbon Tetrachloride	0.495	0.499	-0.8	93	0.00
34 M	Benzene	1.483	1.518	-2.4	97	0.00
35	Methacrylonitrile	0.281	0.252	10.3	85	0.00
36 M	1,2-Dichloroethane	0.518	0.536	-3.5	98	0.00
37 M	Trichloroethene	0.357	0.345	3.4	90	0.00
38	Methylcyclohexane	0.461	0.475	-3.0	94	0.00
39 M	1,2-Dichloropropane	0.392	0.403	-2.8	95	0.00
40	Dibromomethane	0.261	0.261	0.0	96	0.00
41 M	Bromodichloromethane	0.526	0.535	-1.7	93	0.00
42 M	Vinyl Acetate	0.752	0.754	-0.3	93	0.00
43	Ethyl Acetate	0.496	0.496	0.0	86	-0.01
44	Isopropyl Acetate	0.890	0.818	8.1	89	0.00
45 T	1,4-Dioxane	0.006	0.006	0.0	88	0.00
46	Methyl methacrylate	0.377	0.373	1.1	93	0.00
47	n-amyl Acetate	0.623	0.609	2.2	89	0.00
48 M	t-1,3-Dichloropropene	0.532	0.528	0.8	92	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
49 T	cis-1,3-Dichloropropene	0.591	0.611	-3.4	95	0.00
50 M	1,1,2-Trichloroethane	0.355	0.336	5.4	89	0.00
51	Ethyl methacrylate	0.498	0.485	2.6	93	0.00
52	1,3-Dichloropropane	0.610	0.622	-2.0	95	0.00
53 M	Dibromochloromethane	0.371	0.373	-0.5	97	0.00
54 M	1,2-Dibromoethane	0.347	0.352	-1.4	96	0.00
55 M	2-Chloroethyl vinyl ether	0.184	0.179	2.7	93	0.00
56 M	Bromoform	0.232	0.225	3.0	91	0.00
57 I	Chlorobenzene-d5	1.000	1.000	0.0	97	0.00
58 M	4-Methyl-2-Pentanone	0.577	0.569	1.4	91	0.00
59 M	2-Hexanone	0.401	0.388	3.2	89	0.00
60 S	4-Bromofluorobenzene	0.421	0.439	-4.3	96	0.00
61 M	Tetrachloroethene	0.343	0.383	-11.7	105	0.00
62 M	Toluene	1.766	1.859	-5.3	98	0.00
63 S	Toluene-d8	1.470	1.519	-3.3	97	0.00
64 M	Chlorobenzene	1.034	1.050	-1.5	95	0.00
65	1,1,1,2-Tetrachloroethane	0.398	0.414	-4.0	97	0.00
66 M	Ethyl Benzene	1.834	1.863	-1.6	92	0.00
67 M	m/p-Xylenes	0.673	0.720	-7.0	99	0.00
68 M	o-Xylene	0.669	0.695	-3.9	95	0.00
69 M	Styrene	1.023	1.074	-5.0	97	0.00
70	Isopropylbenzene	1.654	1.715	-3.7	96	0.00
71 M	1,1,2,2-Tetrachloroethane	0.560	0.571	-2.0	93	0.00
72	1,2,3-Trichloropropane	0.489	0.511	-4.5	101	0.00
73	Bromobenzene	0.395	0.396	-0.3	94	0.00
74	n-propylbenzene	1.830	1.897	-3.7	94	0.00
75	2-Chlorotoluene	1.140	1.174	-3.0	93	0.00
76	1,3,5-Trimethylbenzene	1.313	1.378	-5.0	94	0.00
77	t-1,4-Dichloro-2-butene	0.154	0.149	3.2	87	0.00
78	4-Chlorotoluene	1.058	1.084	-2.5	92	0.00
79	tert-butylbenzene	1.078	1.098	-1.9	90	0.00
80	1,2,4-Trimethylbenzene	1.239	1.273	-2.7	92	0.00
81	sec-Butylbenzene	1.443	1.484	-2.8	92	0.00
82	p-Isopropyltoluene	1.130	1.140	-0.9	90	0.00
83 M	1,3-Dichlorobenzene	0.611	0.622	-1.8	90	0.00
84 M	1,4-Dichlorobenzene	0.583	0.610	-4.6	94	0.00
85	n-Butylbenzene	0.832	0.794	4.6	87	0.00
86 T	Hexachloroethane	0.238	0.252	-5.9	98	0.00
87 M	1,2-Dichlorobenzene	0.601	0.630	-4.8	93	0.00
88	1,2-Dibromo-3-Chloropropane	0.080	0.073	8.8	85	0.00
89	1,2,4-Trichlorobenzene	0.166	0.135	18.7	72	0.00
90	Hexachlorobutadiene	0.122	0.115	5.7	83	0.00
91 M	Naphthalene	0.520	0.383	26.3#	66	0.00
92	1,2,3-Trichlorobenzene	0.195	0.158	19.0	72	0.00

(#) = Out of Range

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