

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN010725\
 Data File : VN085390.D
 Acq On : 07 Jan 2025 10:30
 Operator : JC\MD
 Sample : VSTDCCC020
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_N
 LabSampleId :
 VSTDCCC020

Quant Time: Jan 08 04:14:32 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N122024W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Sat Dec 21 02:03:07 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	98	0.00
2 M	Dichlorodifluoromethane	2.508	2.631	-4.9	97	0.00
3 M	Chloromethane	2.533	2.454	3.1	91	0.00
4 M	Vinyl Chloride	2.572	2.601	-1.1	97	0.00
5 M	Bromomethane	1.503	1.502	0.1	99	0.01
6 M	Chloroethane	1.623	1.658	-2.2	96	0.01
7 M	Trichlorofluoromethane	3.533	3.791	-7.3	102	0.00
8 T	Diethyl Ether	1.217	1.124	7.6	93	0.00
9	1,1,2-Trichlorotrifluoroeth	2.029	2.233	-10.1	104	0.00
10 M	1,1-Dichloroethene	1.853	1.843	0.5	99	0.00
11	Methyl Iodide	2.221	2.167	2.4	99	0.00
12	Methyl Acetate	2.768	2.610	5.7	91	0.00
13 M	Acrolein	0.247	0.198	19.8	88	-0.01
14 M	Acrylonitrile	1.070	0.879	17.9	80	0.00
15 M	Acetone	0.270	0.226	16.3	80	0.00
16 M	Carbon Disulfide	5.634	5.457	3.1	94	0.00
17	Allyl chloride	2.998	2.746	8.4	91	0.00
18 M	Methylene Chloride	2.208	2.220	-0.5	97	0.00
19 M	trans-1,2-Dichloroethene	1.928	2.008	-4.1	102	0.00
20 T	Diisopropyl ether	6.871	6.987	-1.7	97	0.00
21 M	1,1-Dichloroethane	4.017	4.185	-4.2	100	0.00
22 M	cis-1,2-Dichloroethene	2.295	2.357	-2.7	101	0.00
23 M	tert-Butyl Alcohol	0.353	0.222	37.1#	65	-0.01
24 M	Methyl tert-Butyl Ether	6.083	5.863	3.6	95	-0.01
25 M	Chloroform	4.072	4.292	-5.4	100	0.00
26	Cyclohexane	3.063	2.886	5.8	93	0.00
27 s	1,2-Dichloroethane-d4	2.639	2.621	0.7	96	0.00
28 I	1,4-Difluorobenzene	1.000	1.000	0.0	97	0.00
29	1,1-Dichloropropene	0.521	0.548	-5.2	101	0.00
30 M	2-Butanone	0.275	0.221	19.6	77	0.00
31	2,2-Dichloropropane	0.660	0.694	-5.2	100	0.00
32 M	1,1,1-Trichloroethane	0.677	0.721	-6.5	101	0.00
33 M	Carbon Tetrachloride	0.593	0.636	-7.3	102	0.00
34 M	Benzene	1.646	1.717	-4.3	98	0.00
35	Methacrylonitrile	0.304	0.257	15.5	82	0.00
36 M	1,2-Dichloroethane	0.595	0.607	-2.0	97	0.00
37 M	Trichloroethene	0.362	0.374	-3.3	99	0.00
38	Methylcyclohexane	0.539	0.521	3.3	102	0.00
39 M	1,2-Dichloropropane	0.419	0.428	-2.1	97	0.00
40	Dibromomethane	0.292	0.298	-2.1	97	0.00
41 M	Bromodichloromethane	0.610	0.634	-3.9	98	0.00
42 M	Vinyl Acetate	0.971	0.867	10.7	88	0.00
43	Ethyl Acetate	0.569	0.508	10.7	89	0.00
44	Isopropyl Acetate	0.945	0.839	11.2	86	0.00
45 T	1,4-Dioxane	0.007	0.005	28.6#	72	0.00
46	Methyl methacrylate	0.438	0.371	15.3	82	-0.01
47	n-amyl Acetate	0.805	0.670	16.8	83	0.00
48 M	t-1,3-Dichloropropene	0.603	0.591	2.0	97	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
49 T	cis-1,3-Dichloropropene	0.648	0.638	1.5	96	0.00
50 M	1,1,2-Trichloroethane	0.382	0.389	-1.8	94	0.00
51	Ethyl methacrylate	0.578	0.521	9.9	91	0.00
52	1,3-Dichloropropane	0.667	0.676	-1.3	95	0.00
53 M	Dibromochloromethane	0.448	0.460	-2.7	96	0.00
54 M	1,2-Dibromoethane	0.370	0.366	1.1	95	0.00
55 M	2-Chloroethyl vinyl ether	0.298	0.253	15.1	84	0.00
56 M	Bromoform	0.292	0.276	5.5	92	0.00
57 I	Chlorobenzene-d5	1.000	1.000	0.0	97	0.00
58 M	4-Methyl-2-Pentanone	0.608	0.521	14.3	80	0.00
59 M	2-Hexanone	0.442	0.363	17.9	77	0.00
60 S	4-Bromofluorobenzene	0.486	0.490	-0.8	98	0.00
61 M	Tetrachloroethene	0.335	0.374	-11.6	106	0.00
62 M	Toluene	1.843	1.936	-5.0	99	0.00
63 S	Toluene-d8	1.465	1.505	-2.7	97	0.00
64 M	Chlorobenzene	1.112	1.165	-4.8	100	0.00
65	1,1,1,2-Tetrachloroethane	0.403	0.439	-8.9	102	0.00
66 M	Ethyl Benzene	1.939	1.912	1.4	97	0.00
67 M	m/p-Xylenes	0.728	0.769	-5.6	99	0.00
68 M	o-Xylene	0.693	0.714	-3.0	100	0.00
69 M	Styrene	1.171	1.192	-1.8	97	0.00
70	Isopropylbenzene	1.740	1.762	-1.3	99	0.00
71 M	1,1,2,2-Tetrachloroethane	0.617	0.567	8.1	88	0.00
72	1,2,3-Trichloropropane	0.525	0.502	4.4	97	0.00
73	Bromobenzene	0.430	0.442	-2.8	97	0.00
74	n-propylbenzene	2.168	2.183	-0.7	97	0.00
75	2-Chlorotoluene	1.306	1.356	-3.8	100	0.00
76	1,3,5-Trimethylbenzene	1.485	1.531	-3.1	98	0.00
77	t-1,4-Dichloro-2-butene	0.215	0.175	18.6	84	0.00
78	4-Chlorotoluene	1.328	1.351	-1.7	99	0.00
79	tert-butylbenzene	1.214	1.234	-1.6	102	0.00
80	1,2,4-Trimethylbenzene	1.478	1.534	-3.8	100	0.00
81	sec-Butylbenzene	1.753	1.778	-1.4	101	0.00
82	p-Isopropyltoluene	1.444	1.460	-1.1	103	0.00
83 M	1,3-Dichlorobenzene	0.802	0.828	-3.2	98	0.00
84 M	1,4-Dichlorobenzene	0.776	0.793	-2.2	102	0.00
85	n-Butylbenzene	1.247	1.212	2.8	103	0.00
86 T	Hexachloroethane	0.310	0.310	0.0	95	0.00
87 M	1,2-Dichlorobenzene	0.762	0.770	-1.0	97	0.00
88	1,2-Dibromo-3-Chloropropane	0.113	0.092	18.6	80	0.00
89	1,2,4-Trichlorobenzene	0.361	0.337	6.6	95	0.00
90	Hexachlorobutadiene	0.180	0.183	-1.7	99	0.00
91 M	Naphthalene	1.159	0.878	24.2	82	0.00
92	1,2,3-Trichlorobenzene	0.361	0.337	6.6	95	0.00

(#) = Out of Range

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