

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN010225\
 Data File : VN085372.D
 Acq On : 02 Jan 2025 10:36
 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 03 00:41:12 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	105	0.00
2 M	Dichlorodifluoromethane	2.508	2.554	-1.8	101	0.00
3 M	Chloromethane	2.533	2.467	2.6	98	0.00
4 M	Vinyl Chloride	2.572	2.524	1.9	101	0.00
5 M	Bromomethane	1.503	1.485	1.2	105	0.00
6 M	Chloroethane	1.623	1.632	-0.6	101	0.00
7 M	Trichlorofluoromethane	3.533	3.545	-0.3	102	0.00
8 T	Diethyl Ether	1.217	1.121	7.9	100	0.00
9	1,1,2-Trichlorotrifluoroeth	2.029	2.053	-1.2	103	0.00
10 M	1,1-Dichloroethene	1.853	1.783	3.8	102	0.00
11	Methyl Iodide	2.221	2.207	0.6	108	0.00
12	Methyl Acetate	2.768	2.892	-4.5	108	0.00
13 M	Acrolein	0.247	0.246	0.4	116	0.00
14 M	Acrylonitrile	1.070	1.014	5.2	99	0.00
15 M	Acetone	0.270	0.259	4.1	98	0.00
16 M	Carbon Disulfide	5.634	5.263	6.6	97	0.00
17	Allyl chloride	2.998	2.661	11.2	95	0.00
18 M	Methylene Chloride	2.208	2.189	0.9	102	0.00
19 M	trans-1,2-Dichloroethene	1.928	1.893	1.8	103	0.01
20 T	Diisopropyl ether	6.871	6.687	2.7	99	0.00
21 M	1,1-Dichloroethane	4.017	3.928	2.2	100	0.00
22 M	cis-1,2-Dichloroethene	2.295	2.222	3.2	102	0.00
23 M	tert-Butyl Alcohol	0.353	0.314	11.0	98	0.00
24 M	Methyl tert-Butyl Ether	6.083	5.768	5.2	100	-0.01
25 M	Chloroform	4.072	4.055	0.4	101	0.00
26	Cyclohexane	3.063	2.862	6.6	99	0.00
27 s	1,2-Dichloroethane-d4	2.639	2.614	0.9	103	0.00
28 I	1,4-Difluorobenzene	1.000	1.000	0.0	106	0.00
29	1,1-Dichloropropene	0.521	0.503	3.5	101	0.00
30 M	2-Butanone	0.275	0.255	7.3	96	0.00
31	2,2-Dichloropropane	0.660	0.642	2.7	100	0.00
32 M	1,1,1-Trichloroethane	0.677	0.659	2.7	100	0.00
33 M	Carbon Tetrachloride	0.593	0.586	1.2	102	0.00
34 M	Benzene	1.646	1.621	1.5	101	0.00
35	Methacrylonitrile	0.304	0.284	6.6	98	0.00
36 M	1,2-Dichloroethane	0.595	0.584	1.8	101	0.00
37 M	Trichloroethene	0.362	0.355	1.9	102	0.00
38	Methylcyclohexane	0.539	0.494	8.3	104	0.00
39 M	1,2-Dichloropropane	0.419	0.412	1.7	101	0.00
40	Dibromomethane	0.292	0.288	1.4	101	0.00
41 M	Bromodichloromethane	0.610	0.595	2.5	99	0.00
42 M	Vinyl Acetate	0.971	0.881	9.3	97	0.00
43	Ethyl Acetate	0.569	0.516	9.3	98	0.00
44	Isopropyl Acetate	0.945	0.874	7.5	97	0.00
45 T	1,4-Dioxane	0.007	0.007	0.0	100	0.00
46	Methyl methacrylate	0.438	0.396	9.6	95	0.00
47	n-amyl Acetate	0.805	0.730	9.3	98	0.00
48 M	t-1,3-Dichloropropene	0.603	0.566	6.1	100	0.00

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN010225\
 Data File : VN085372.D
 Acq On : 02 Jan 2025 10:36
 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 03 00:41:12 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)
49 T	cis-1,3-Dichloropropene	0.648	0.617	4.8	101	0.00
50 M	1,1,2-Trichloroethane	0.382	0.367	3.9	96	0.00
51	Ethyl methacrylate	0.578	0.529	8.5	101	0.00
52	1,3-Dichloropropane	0.667	0.648	2.8	99	0.00
53 M	Dibromochloromethane	0.448	0.434	3.1	98	0.00
54 M	1,2-Dibromoethane	0.370	0.370	0.0	104	0.00
55 M	2-Chloroethyl vinyl ether	0.298	0.239	19.8	86	0.00
56 M	Bromoform	0.292	0.277	5.1	100	0.00
57 I	Chlorobenzene-d5	1.000	1.000	0.0	105	0.00
58 M	4-Methyl-2-Pentanone	0.608	0.591	2.8	97	0.00
59 M	2-Hexanone	0.442	0.419	5.2	96	0.00
60 S	4-Bromofluorobenzene	0.486	0.486	0.0	105	0.00
61 M	Tetrachloroethene	0.335	0.353	-5.4	108	0.00
62 M	Toluene	1.843	1.782	3.3	98	0.00
63 S	Toluene-d8	1.465	1.488	-1.6	103	0.00
64 M	Chlorobenzene	1.112	1.102	0.9	102	0.00
65	1,1,1,2-Tetrachloroethane	0.403	0.398	1.2	100	0.00
66 M	Ethyl Benzene	1.939	1.838	5.2	100	0.00
67 M	m/p-Xylenes	0.728	0.731	-0.4	102	0.00
68 M	o-Xylene	0.693	0.673	2.9	102	0.00
69 M	Styrene	1.171	1.136	3.0	100	0.00
70	Isopropylbenzene	1.740	1.687	3.0	102	0.00
71 M	1,1,2,2-Tetrachloroethane	0.617	0.592	4.1	99	0.00
72	1,2,3-Trichloropropane	0.525	0.503	4.2	105	0.00
73	Bromobenzene	0.430	0.420	2.3	99	0.00
74	n-propylbenzene	2.168	2.128	1.8	103	0.00
75	2-Chlorotoluene	1.306	1.286	1.5	103	0.00
76	1,3,5-Trimethylbenzene	1.485	1.454	2.1	101	0.00
77	t-1,4-Dichloro-2-butene	0.215	0.199	7.4	103	0.00
78	4-Chlorotoluene	1.328	1.303	1.9	103	0.00
79	tert-butylbenzene	1.214	1.164	4.1	104	0.00
80	1,2,4-Trimethylbenzene	1.478	1.483	-0.3	104	0.00
81	sec-Butylbenzene	1.753	1.719	1.9	105	0.00
82	p-Isopropyltoluene	1.444	1.391	3.7	106	0.00
83 M	1,3-Dichlorobenzene	0.802	0.775	3.4	99	0.00
84 M	1,4-Dichlorobenzene	0.776	0.768	1.0	107	0.00
85	n-Butylbenzene	1.247	1.139	8.7	104	0.00
86 T	Hexachloroethane	0.310	0.297	4.2	98	0.00
87 M	1,2-Dichlorobenzene	0.762	0.748	1.8	102	0.00
88	1,2-Dibromo-3-Chloropropane	0.113	0.109	3.5	102	0.00
89	1,2,4-Trichlorobenzene	0.361	0.344	4.7	105	0.00
90	Hexachlorobutadiene	0.180	0.173	3.9	102	0.00
91 M	Naphthalene	1.159	0.997	14.0	100	0.00
92	1,2,3-Trichlorobenzene	0.361	0.344	4.7	105	0.00

(#) = Out of Range

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