

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN041125\
 Data File : VN086248.D
 Acq On : 11 Apr 2025 13:34
 Operator : JC\MD
 Sample : VSTDICV020
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 ICSVN041125

Quant Time: Apr 12 01:24:15 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N041125W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Sat Apr 12 01:21:52 2025
 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	100	0.00
2 M	Dichlorodifluoromethane	2.404	2.591	-7.8	112	0.00
3 M	Chloromethane	3.322	3.360	-1.1	109	0.00
4 M	Vinyl Chloride	3.164	3.200	-1.1	107	0.00
5 M	Bromomethane	1.578	1.593	-1.0	108	0.00
6 M	Chloroethane	1.998	2.062	-3.2	111	0.00
7 M	Trichlorofluoromethane	3.433	3.514	-2.4	110	0.00
8 T	Diethyl Ether	1.583	1.605	-1.4	109	0.00
9	1,1,2-Trichlorotrifluoroeth	2.117	2.123	-0.3	107	0.00
10 M	1,1-Dichloroethene	2.284	2.299	-0.7	107	0.00
11	Methyl Iodide	2.626	2.645	-0.7	108	0.00
12	Methyl Acetate	3.226	3.101	3.9	105	0.00
13 M	Acrolein	0.367	0.328	10.6	122	0.00
14 M	Acrylonitrile	1.362	1.307	4.0	102	0.00
15 M	Acetone	0.345	0.324	6.1	99	0.00
16 M	Carbon Disulfide	6.550	6.700	-2.3	107	0.00
17	Allyl chloride	3.981	4.141	-4.0	112	0.00
18 M	Methylene Chloride	2.605	2.626	-0.8	110	0.00
19 M	trans-1,2-Dichloroethene	2.406	2.363	1.8	107	0.00
20 T	Diisopropyl ether	8.560	8.854	-3.4	110	0.00
21 M	1,1-Dichloroethane	4.567	4.699	-2.9	108	0.00
22 M	cis-1,2-Dichloroethene	2.866	2.891	-0.9	108	0.00
23 M	tert-Butyl Alcohol	0.564	0.546	3.2	100	0.00
24 M	Methyl tert-Butyl Ether	8.244	8.331	-1.1	109	0.00
25 M	Chloroform	4.355	4.502	-3.4	110	0.00
26	Cyclohexane	4.273	4.254	0.4	108	0.00
27 s	1,2-Dichloroethane-d4	2.926	2.904	0.8	100	0.00
28 I	1,4-Difluorobenzene	1.000	1.000	0.0	102	0.00
29	1,1-Dichloropropene	0.537	0.547	-1.9	108	0.00
30 M	2-Butanone	0.298	0.295	1.0	103	0.00
31	2,2-Dichloropropane	0.662	0.698	-5.4	111	0.00
32 M	1,1,1-Trichloroethane	0.618	0.620	-0.3	107	0.00
33 M	Carbon Tetrachloride	0.494	0.503	-1.8	108	0.00
34 M	Benzene	1.710	1.754	-2.6	109	0.00
35	Methacrylonitrile	0.336	0.332	1.2	106	0.00
36 M	1,2-Dichloroethane	0.535	0.545	-1.9	108	0.00
37 M	Trichloroethene	0.413	0.409	1.0	105	0.00
38	Methylcyclohexane	0.659	0.664	-0.8	109	0.00
39 M	1,2-Dichloropropane	0.425	0.440	-3.5	110	0.00
40	Dibromomethane	0.275	0.270	1.8	105	0.00
41 M	Bromodichloromethane	0.590	0.599	-1.5	108	0.00
42 M	Vinyl Acetate	1.014	1.050	-3.6	107	0.00
43	Ethyl Acetate	0.601	0.602	-0.2	104	0.00
44	Isopropyl Acetate	1.114	1.130	-1.4	109	0.00
45 T	1,4-Dioxane	0.009	0.008	11.1	97	0.00
46	Methyl methacrylate	0.491	0.490	0.2	106	0.00
47	n-amyl Acetate	0.883	0.865	2.0	107	0.00
48 M	t-1,3-Dichloropropene	0.667	0.674	-1.0	108	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
49 T	cis-1,3-Dichloropropene	0.706	0.727	-3.0	109	0.00
50 M	1,1,2-Trichloroethane	0.385	0.380	1.3	104	0.00
51	Ethyl methacrylate	0.716	0.725	-1.3	108	0.00
52	1,3-Dichloropropane	0.687	0.694	-1.0	109	0.00
53 M	Dibromochloromethane	0.422	0.420	0.5	105	0.00
54 M	1,2-Dibromoethane	0.389	0.384	1.3	105	0.00
55 M	2-Chloroethyl vinyl ether	0.271	0.360	-32.8#	113	0.00
56 M	Bromoform	0.276	0.267	3.3	103	0.00
57 I	Chlorobenzene-d5	1.000	1.000	0.0	101	0.00
58 M	4-Methyl-2-Pentanone	0.681	0.690	-1.3	104	0.00
59 M	2-Hexanone	0.507	0.514	-1.4	105	0.00
60 S	4-Bromofluorobenzene	0.597	0.587	1.7	100	0.00
61 M	Tetrachloroethene	0.443	0.447	-0.9	107	0.00
62 M	Toluene	2.012	2.069	-2.8	108	0.00
63 S	Toluene-d8	1.694	1.687	0.4	99	0.00
64 M	Chlorobenzene	1.229	1.255	-2.1	108	0.00
65	1,1,1,2-Tetrachloroethane	0.406	0.417	-2.7	108	0.00
66 M	Ethyl Benzene	2.232	2.269	-1.7	107	0.00
67 M	m/p-Xylenes	0.830	0.843	-1.6	108	0.00
68 M	o-Xylene	0.816	0.838	-2.7	109	0.00
69 M	Styrene	1.376	1.396	-1.5	109	0.00
70	Isopropylbenzene	2.012	2.040	-1.4	108	0.00
71 M	1,1,2,2-Tetrachloroethane	0.573	0.588	-2.6	107	0.00
72	1,2,3-Trichloropropane	0.596	0.582	2.3	104	0.00
73	Bromobenzene	0.446	0.443	0.7	105	0.00
74	n-propylbenzene	2.376	2.403	-1.1	109	0.00
75	2-Chlorotoluene	1.494	1.489	0.3	107	0.00
76	1,3,5-Trimethylbenzene	1.653	1.682	-1.8	108	0.00
77	t-1,4-Dichloro-2-butene	0.275	0.269	2.2	104	0.00
78	4-Chlorotoluene	1.492	1.456	2.4	106	0.00
79	tert-butylbenzene	1.430	1.432	-0.1	107	0.00
80	1,2,4-Trimethylbenzene	1.676	1.675	0.1	106	0.00
81	sec-Butylbenzene	1.995	2.010	-0.8	106	0.00
82	p-Isopropyltoluene	1.664	1.661	0.2	106	0.00
83 M	1,3-Dichlorobenzene	0.829	0.789	4.8	103	0.00
84 M	1,4-Dichlorobenzene	0.831	0.786	5.4	102	0.00
85	n-Butylbenzene	1.502	1.489	0.9	106	0.00
86 T	Hexachloroethane	0.281	0.270	3.9	103	0.00
87 M	1,2-Dichlorobenzene	0.818	0.766	6.4	100	0.00
88	1,2-Dibromo-3-Chloropropane	0.130	0.118	9.2	93	0.00
89	1,2,4-Trichlorobenzene	0.398	0.375	5.8	94	0.00
90	Hexachlorobutadiene	0.172	0.148	14.0	90	0.00
91 M	Naphthalene	1.569	1.425	9.2	93	0.00
92	1,2,3-Trichlorobenzene	0.398	0.375	5.8	94	0.00

(#) = Out of Range

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