

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN011124\
 Data File : VN080672.D
 Acq On : 11 Jan 2024 12:53
 Operator : JC\MD
 Sample : VSTDICV020
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 ICSVN011124

Quant Time: Jan 12 05:21:35 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N011124W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Fri Jan 12 05:20:11 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	110	0.00
2 M	Dichlorodifluoromethane	5.099	5.262	-3.2	113	0.00
3 M	Chloromethane	6.946	7.147	-2.9	117	0.00
4 M	Vinyl Chloride	5.283	5.633	-6.6	119	0.00
5 M	Bromomethane	1.940	2.044	-5.4	115	0.00
6 M	Chloroethane	2.856	2.909	-1.9	110	0.00
7 M	Trichlorofluoromethane	7.893	7.994	-1.3	112	0.00
8 T	Diethyl Ether	3.673	3.910	-6.5	115	0.00
9	1,1,2-Trichlorotrifluoroeth	4.548	4.813	-5.8	115	0.00
10 M	1,1-Dichloroethene	4.886	5.031	-3.0	112	0.00
11	Methyl Iodide	4.167	3.949	5.2	105	0.00
12	Methyl Acetate	5.780	5.743	0.6	108	0.00
13 M	Acrolein	0.768	0.593	22.8	86	0.00
14 M	Acrylonitrile	2.605	2.680	-2.9	112	0.00
15 M	Acetone	0.591	0.595	-0.7	106	0.00
16 M	Carbon Disulfide	15.136	14.958	1.2	108	0.00
17	Allyl chloride	9.890	9.796	1.0	109	0.00
18 M	Methylene Chloride	5.678	5.737	-1.0	108	0.00
19 M	trans-1,2-Dichloroethene	5.137	5.440	-5.9	111	0.00
20 T	Diisopropyl ether	20.070	21.012	-4.7	113	0.00
21 M	1,1-Dichloroethane	10.899	11.349	-4.1	110	0.00
22 M	cis-1,2-Dichloroethene	6.009	6.135	-2.1	111	0.00
23 M	tert-Butyl Alcohol	0.898	0.884	1.6	103	0.01
24 M	Methyl tert-Butyl Ether	17.666	17.784	-0.7	106	0.00
25 M	Chloroform	10.148	10.333	-1.8	111	0.00
26	Cyclohexane	8.571	9.041	-5.5	115	0.00
27 s	1,2-Dichloroethane-d4	4.845	4.650	4.0	96	0.00
28 I	1,4-Difluorobenzene	1.000	1.000	0.0	104	0.00
29	1,1-Dichloropropene	0.912	0.949	-4.1	116	0.00
30 M	2-Butanone	0.404	0.402	0.5	104	0.00
31	2,2-Dichloropropane	1.096	1.152	-5.1	116	0.00
32 M	1,1,1-Trichloroethane	1.003	1.035	-3.2	116	0.00
33 M	Carbon Tetrachloride	0.793	0.826	-4.2	117	0.00
34 M	Benzene	2.705	2.834	-4.8	114	0.00
35	Methacrylonitrile	0.506	0.475	6.1	100	0.00
36 M	1,2-Dichloroethane	0.995	0.971	2.4	106	0.00
37 M	Trichloroethene	0.590	0.586	0.7	112	0.00
38	Methylcyclohexane	0.888	0.947	-6.6	117	0.00
39 M	1,2-Dichloropropane	0.729	0.766	-5.1	116	0.00
40	Dibromomethane	0.434	0.433	0.2	108	0.00
41 M	Bromodichloromethane	0.949	0.950	-0.1	109	0.00
42 M	Vinyl Acetate	1.876	1.938	-3.3	110	0.00
43	Ethyl Acetate	0.847	0.811	4.3	95	0.00
44	Isopropyl Acetate	1.618	1.632	-0.9	110	0.00
45 T	1,4-Dioxane	0.009	0.009	0.0	98	0.00
46	Methyl methacrylate	0.762	0.751	1.4	107	0.00
47	n-amyl Acetate	1.451	1.440	0.8	106	0.00
48 M	t-1,3-Dichloropropene	1.119	1.109	0.9	109	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
49 T	cis-1,3-Dichloropropene	1.187	1.206	-1.6	112	0.00
50 M	1,1,2-Trichloroethane	0.596	0.612	-2.7	109	0.00
51	Ethyl methacrylate	1.030	1.060	-2.9	111	0.00
52	1,3-Dichloropropane	1.122	1.117	0.4	106	0.00
53 M	Dibromochloromethane	0.596	0.603	-1.2	108	0.00
54 M	1,2-Dibromoethane	0.586	0.596	-1.7	110	0.00
55 M	2-Chloroethyl vinyl ether	0.529	0.418	21.0	81	0.00
56 M	Bromoform	0.352	0.341	3.1	106	0.00
57 I	Chlorobenzene-d5	1.000	1.000	0.0	103	0.00
58 M	4-Methyl-2-Pentanone	0.789	0.775	1.8	105	0.00
59 M	2-Hexanone	0.589	0.595	-1.0	109	0.00
60 S	4-Bromofluorobenzene	0.664	0.634	4.5	99	0.00
61 M	Tetrachloroethene	0.399	0.409	-2.5	113	0.00
62 M	Toluene	2.413	2.514	-4.2	115	0.00
63 S	Toluene-d8	1.317	1.327	-0.8	104	0.00
64 M	Chlorobenzene	1.344	1.356	-0.9	112	0.00
65	1,1,1,2-Tetrachloroethane	0.483	0.484	-0.2	113	0.00
66 M	Ethyl Benzene	2.538	2.684	-5.8	118	0.00
67 M	m/p-Xylenes	0.912	0.963	-5.6	115	0.00
68 M	o-Xylene	0.910	0.944	-3.7	116	0.00
69 M	Styrene	1.528	1.536	-0.5	110	0.00
70	Isopropylbenzene	2.223	2.267	-2.0	112	0.00
71 M	1,1,2,2-Tetrachloroethane	0.726	0.712	1.9	106	0.00
72	1,2,3-Trichloropropane	0.688	0.652	5.2	98	0.00
73	Bromobenzene	0.474	0.474	0.0	110	0.00
74	n-propylbenzene	2.681	2.710	-1.1	112	0.00
75	2-Chlorotoluene	1.686	1.704	-1.1	114	0.00
76	1,3,5-Trimethylbenzene	1.850	1.897	-2.5	115	0.00
77	t-1,4-Dichloro-2-butene	0.282	0.288	-2.1	114	0.00
78	4-Chlorotoluene	1.686	1.682	0.2	114	0.00
79	tert-butylbenzene	1.444	1.463	-1.3	112	0.00
80	1,2,4-Trimethylbenzene	1.810	1.896	-4.8	112	0.00
81	sec-Butylbenzene	2.126	2.135	-0.4	113	0.00
82	p-Isopropyltoluene	1.622	1.680	-3.6	114	0.00
83 M	1,3-Dichlorobenzene	0.822	0.825	-0.4	110	0.00
84 M	1,4-Dichlorobenzene	0.828	0.837	-1.1	112	0.00
85	n-Butylbenzene	1.602	1.631	-1.8	116	0.00
86 T	Hexachloroethane	0.305	0.297	2.6	121	0.00
87 M	1,2-Dichlorobenzene	0.807	0.822	-1.9	113	0.00
88	1,2-Dibromo-3-Chloropropane	0.151	0.148	2.0	102	0.00
89	1,2,4-Trichlorobenzene	0.405	0.372	8.1	99	0.00
90	Hexachlorobutadiene	0.185	0.183	1.1	114	0.00
91 M	Naphthalene	1.577	1.469	6.8	99	0.00
92	1,2,3-Trichlorobenzene	0.405	0.372	8.1	99	0.00

(#) = Out of Range

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