

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN091324\
 Data File : VN083878.D
 Acq On : 13 Sep 2024 18:31
 Operator : JC\MD
 Sample : VSTDCCC020
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_N
 LabSampleId :
 VSTDCCC020

Quant Time: Sep 13 23:55:53 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N090624W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Fri Sep 06 23:42:47 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	92	0.00
2 M	Dichlorodifluoromethane	2.009	1.950	2.9	91	0.00
3 M	Chloromethane	2.087	2.025	3.0	91	0.00
4 M	Vinyl Chloride	2.146	2.079	3.1	91	0.00
5 M	Bromomethane	1.199	1.335	-11.3	103	0.05
6 M	Chloroethane	1.437	1.355	5.7	91	0.04
7 M	Trichlorofluoromethane	3.598	3.349	6.9	89	0.03
8 T	Diethyl Ether	1.222	1.101	9.9	85	0.00
9	1,1,2-Trichlorotrifluoroeth	1.932	1.814	6.1	91	0.01
10 M	1,1-Dichloroethene	1.865	1.709	8.4	88	0.02
11	Methyl Iodide	2.533	2.242	11.5	85	0.00
12	Methyl Acetate	2.249	2.306	-2.5	103	0.00
13 M	Acrolein	0.328	0.361	-10.1	95	0.00
14 M	Acrylonitrile	0.910	0.962	-5.7	102	0.01
15 M	Acetone	0.302	0.249	17.5	84	0.00
16 M	Carbon Disulfide	5.269	4.562	13.4	82	0.01
17	Allyl chloride	3.270	2.843	13.1	84	0.00
18 M	Methylene Chloride	2.040	1.904	6.7	88	0.02
19 M	trans-1,2-Dichloroethene	1.932	1.784	7.7	87	0.02
20 T	Diisopropyl ether	6.603	6.367	3.6	95	0.00
21 M	1,1-Dichloroethane	3.770	3.630	3.7	92	0.00
22 M	cis-1,2-Dichloroethene	2.352	2.177	7.4	87	0.00
23 M	tert-Butyl Alcohol	0.334	0.391	-17.1	109	0.00
24 M	Methyl tert-Butyl Ether	6.626	6.267	5.4	89	0.00
25 M	Chloroform	3.995	3.776	5.5	90	0.00
26	Cyclohexane	3.320	2.938	11.5	85	0.00
27 s	1,2-Dichloroethane-d4	2.742	2.732	0.4	91	0.00
28 I	1,4-Difluorobenzene	1.000	1.000	0.0	86	0.00
29	1,1-Dichloropropene	0.476	0.481	-1.1	92	0.00
30 M	2-Butanone	0.224	0.245	-9.4	101	0.00
31	2,2-Dichloropropane	0.607	0.544	10.4	83	0.00
32 M	1,1,1-Trichloroethane	0.635	0.640	-0.8	92	0.00
33 M	Carbon Tetrachloride	0.550	0.541	1.6	91	0.00
34 M	Benzene	1.428	1.436	-0.6	90	0.00
35	Methacrylonitrile	0.252	0.267	-6.0	94	0.00
36 M	1,2-Dichloroethane	0.537	0.542	-0.9	91	0.00
37 M	Trichloroethene	0.335	0.323	3.6	90	0.00
38	Methylcyclohexane	0.570	0.515	9.6	84	0.00
39 M	1,2-Dichloropropane	0.344	0.351	-2.0	93	0.00
40	Dibromomethane	0.251	0.257	-2.4	90	0.00
41 M	Bromodichloromethane	0.534	0.535	-0.2	92	0.00
42 M	Vinyl Acetate	0.922	0.884	4.1	94	0.00
43	Ethyl Acetate	0.451	0.489	-8.4	98	0.00
44	Isopropyl Acetate	0.781	0.848	-8.6	99	0.00
45 T	1,4-Dioxane	0.006	0.007	-16.7	103	0.00
46	Methyl methacrylate	0.378	0.406	-7.4	100	0.00
47	n-amyl Acetate	0.692	0.751	-8.5	101	0.00
48 M	t-1,3-Dichloropropene	0.562	0.519	7.7	86	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
49 T	cis-1,3-Dichloropropene	0.584	0.559	4.3	89	0.00
50 M	1,1,2-Trichloroethane	0.320	0.335	-4.7	95	0.00
51	Ethyl methacrylate	0.546	0.553	-1.3	90	0.00
52	1,3-Dichloropropane	0.577	0.591	-2.4	93	0.00
53 M	Dibromochloromethane	0.383	0.381	0.5	93	0.00
54 M	1,2-Dibromoethane	0.331	0.342	-3.3	95	0.00
55 M	2-Chloroethyl vinyl ether	0.218	0.229	-5.0	86	0.00
56 M	Bromoform	0.244	0.242	0.8	93	0.00
57 I	Chlorobenzene-d5	1.000	1.000	0.0	87	0.00
58 M	4-Methyl-2-Pentanone	0.476	0.561	-17.9	107	0.00
59 M	2-Hexanone	0.359	0.417	-16.2	107	0.00
60 S	4-Bromofluorobenzene	0.517	0.503	2.7	87	0.00
61 M	Tetrachloroethene	0.317	0.319	-0.6	96	0.00
62 M	Toluene	1.724	1.666	3.4	89	0.00
63 S	Toluene-d8	1.389	1.384	0.4	87	0.00
64 M	Chlorobenzene	1.068	1.026	3.9	88	0.00
65	1,1,1,2-Tetrachloroethane	0.372	0.354	4.8	89	0.00
66 M	Ethyl Benzene	1.961	1.836	6.4	89	0.00
67 M	m/p-Xylenes	0.721	0.699	3.1	91	0.00
68 M	o-Xylene	0.698	0.694	0.6	91	0.00
69 M	Styrene	1.180	1.128	4.4	89	0.00
70	Isopropylbenzene	1.843	1.716	6.9	88	0.00
71 M	1,1,2,2-Tetrachloroethane	0.503	0.515	-2.4	93	0.00
72	1,2,3-Trichloropropane	0.441	0.469	-6.3	97	0.00
73	Bromobenzene	0.423	0.399	5.7	88	0.00
74	n-propylbenzene	2.157	2.023	6.2	89	0.00
75	2-Chlorotoluene	1.346	1.269	5.7	88	0.00
76	1,3,5-Trimethylbenzene	1.539	1.466	4.7	88	0.00
77	t-1,4-Dichloro-2-butene	0.187	0.168	10.2	86	0.00
78	4-Chlorotoluene	1.365	1.262	7.5	87	0.00
79	tert-butylbenzene	1.346	1.255	6.8	85	0.00
80	1,2,4-Trimethylbenzene	1.555	1.460	6.1	88	0.00
81	sec-Butylbenzene	1.839	1.717	6.6	90	0.00
82	p-Isopropyltoluene	1.547	1.439	7.0	89	0.00
83 M	1,3-Dichlorobenzene	0.815	0.743	8.8	86	0.00
84 M	1,4-Dichlorobenzene	0.814	0.713	12.4	82	0.00
85	n-Butylbenzene	1.365	1.180	13.6	85	0.00
86 T	Hexachloroethane	0.293	0.257	12.3	84	0.00
87 M	1,2-Dichlorobenzene	0.791	0.710	10.2	85	0.00
88	1,2-Dibromo-3-Chloropropane	0.111	0.111	0.0	93	0.00
89	1,2,4-Trichlorobenzene	0.433	0.349	19.4	77	0.00
90	Hexachlorobutadiene	0.179	0.156	12.8	85	0.00
91 M	Naphthalene	1.416	1.240	12.4	83	0.00
92	1,2,3-Trichlorobenzene	0.433	0.349	19.4	77	0.00

(#) = Out of Range

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