

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN090924\
 Data File : VN083706.D
 Acq On : 09 Sep 2024 08:57
 Operator : JC\MD
 Sample : VSTDCCC020
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_N
 LabSampleId :
 VSTDCCC020

Quant Time: Sep 10 01:14:19 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	101	0.00
2 M	Dichlorodifluoromethane	2.009	1.911	4.9	97	0.00
3 M	Chloromethane	2.087	2.058	1.4	102	0.00
4 M	Vinyl Chloride	2.146	2.071	3.5	100	0.00
5 M	Bromomethane	1.199	1.111	7.3	94	0.00
6 M	Chloroethane	1.437	1.570	-9.3	115	0.00
7 M	Trichlorofluoromethane	3.598	3.441	4.4	101	0.00
8 T	Diethyl Ether	1.222	1.216	0.5	104	0.00
9	1,1,2-Trichlorotrifluoroeth	1.932	1.836	5.0	101	0.00
10 M	1,1-Dichloroethene	1.865	1.750	6.2	99	0.00
11	Methyl Iodide	2.533	2.368	6.5	98	0.00
12	Methyl Acetate	2.249	2.172	3.4	106	0.00
13 M	Acrolein	0.328	0.360	-9.8	104	0.00
14 M	Acrylonitrile	0.910	0.944	-3.7	110	0.00
15 M	Acetone	0.302	0.356	-17.9	132	0.00
16 M	Carbon Disulfide	5.269	4.821	8.5	95	0.00
17	Allyl chloride	3.270	3.175	2.9	103	0.00
18 M	Methylene Chloride	2.040	1.990	2.5	102	0.00
19 M	trans-1,2-Dichloroethene	1.932	1.793	7.2	96	0.00
20 T	Diisopropyl ether	6.603	6.263	5.1	103	0.00
21 M	1,1-Dichloroethane	3.770	3.622	3.9	101	0.00
22 M	cis-1,2-Dichloroethene	2.352	2.233	5.1	98	0.00
23 M	tert-Butyl Alcohol	0.334	0.367	-9.9	113	0.00
24 M	Methyl tert-Butyl Ether	6.626	6.475	2.3	102	0.00
25 M	Chloroform	3.995	3.797	5.0	99	0.00
26	Cyclohexane	3.320	3.110	6.3	99	0.00
27 s	1,2-Dichloroethane-d4	2.742	2.778	-1.3	102	0.00
28 I	1,4-Difluorobenzene	1.000	1.000	0.0	100	0.00
29	1,1-Dichloropropene	0.476	0.443	6.9	99	0.00
30 M	2-Butanone	0.224	0.244	-8.9	117	0.00
31	2,2-Dichloropropane	0.607	0.591	2.6	105	0.00
32 M	1,1,1-Trichloroethane	0.635	0.605	4.7	101	0.00
33 M	Carbon Tetrachloride	0.550	0.519	5.6	102	0.00
34 M	Benzene	1.428	1.347	5.7	98	0.00
35	Methacrylonitrile	0.252	0.237	6.0	97	0.00
36 M	1,2-Dichloroethane	0.537	0.515	4.1	102	0.00
37 M	Trichloroethene	0.335	0.313	6.6	101	0.00
38	Methylcyclohexane	0.570	0.522	8.4	100	0.00
39 M	1,2-Dichloropropane	0.344	0.332	3.5	103	0.00
40	Dibromomethane	0.251	0.236	6.0	97	0.00
41 M	Bromodichloromethane	0.534	0.510	4.5	103	0.00
42 M	Vinyl Acetate	0.922	0.830	10.0	103	0.00
43	Ethyl Acetate	0.451	0.471	-4.4	110	0.00
44	Isopropyl Acetate	0.781	0.793	-1.5	108	0.00
45 T	1,4-Dioxane	0.006	0.007	-16.7	108	0.00
46	Methyl methacrylate	0.378	0.379	-0.3	109	0.00
47	n-amyl Acetate	0.692	0.678	2.0	106	0.00
48 M	t-1,3-Dichloropropene	0.562	0.511	9.1	98	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
49 T	cis-1,3-Dichloropropene	0.584	0.547	6.3	102	0.00
50 M	1,1,2-Trichloroethane	0.320	0.317	0.9	105	0.00
51	Ethyl methacrylate	0.546	0.526	3.7	100	0.00
52	1,3-Dichloropropane	0.577	0.549	4.9	101	0.00
53 M	Dibromochloromethane	0.383	0.368	3.9	105	0.00
54 M	1,2-Dibromoethane	0.331	0.314	5.1	101	0.00
55 M	2-Chloroethyl vinyl ether	0.218	0.233	-6.9	102	0.00
56 M	Bromoform	0.244	0.230	5.7	103	0.00
57 I	Chlorobenzene-d5	1.000	1.000	0.0	99	0.00
58 M	4-Methyl-2-Pentanone	0.476	0.508	-6.7	110	0.00
59 M	2-Hexanone	0.359	0.387	-7.8	113	0.00
60 S	4-Bromofluorobenzene	0.517	0.526	-1.7	104	0.00
61 M	Tetrachloroethene	0.317	0.306	3.5	104	0.00
62 M	Toluene	1.724	1.634	5.2	99	0.00
63 S	Toluene-d8	1.389	1.425	-2.6	102	0.00
64 M	Chlorobenzene	1.068	1.012	5.2	99	0.00
65	1,1,1,2-Tetrachloroethane	0.372	0.367	1.3	104	0.00
66 M	Ethyl Benzene	1.961	1.804	8.0	99	0.00
67 M	m/p-Xylenes	0.721	0.677	6.1	100	0.00
68 M	o-Xylene	0.698	0.660	5.4	98	0.00
69 M	Styrene	1.180	1.060	10.2	95	0.00
70	Isopropylbenzene	1.843	1.715	6.9	100	0.00
71 M	1,1,2,2-Tetrachloroethane	0.503	0.504	-0.2	103	0.00
72	1,2,3-Trichloropropane	0.441	0.443	-0.5	104	0.00
73	Bromobenzene	0.423	0.390	7.8	97	0.00
74	n-propylbenzene	2.157	1.932	10.4	96	0.00
75	2-Chlorotoluene	1.346	1.246	7.4	98	0.00
76	1,3,5-Trimethylbenzene	1.539	1.452	5.7	99	0.00
77	t-1,4-Dichloro-2-butene	0.187	0.184	1.6	107	0.00
78	4-Chlorotoluene	1.365	1.195	12.5	94	0.00
79	tert-butylbenzene	1.346	1.288	4.3	99	0.00
80	1,2,4-Trimethylbenzene	1.555	1.443	7.2	99	0.00
81	sec-Butylbenzene	1.839	1.648	10.4	98	0.00
82	p-Isopropyltoluene	1.547	1.398	9.6	99	0.00
83 M	1,3-Dichlorobenzene	0.815	0.711	12.8	93	0.00
84 M	1,4-Dichlorobenzene	0.814	0.698	14.3	91	0.00
85	n-Butylbenzene	1.365	1.180	13.6	97	0.00
86 T	Hexachloroethane	0.293	0.275	6.1	102	0.00
87 M	1,2-Dichlorobenzene	0.791	0.716	9.5	97	0.00
88	1,2-Dibromo-3-Chloropropane	0.111	0.116	-4.5	110	0.00
89	1,2,4-Trichlorobenzene	0.433	0.365	15.7	91	0.00
90	Hexachlorobutadiene	0.179	0.167	6.7	104	0.00
91 M	Naphthalene	1.416	1.214	14.3	92	0.00
92	1,2,3-Trichlorobenzene	0.433	0.365	15.7	91	0.00

(#) = Out of Range

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