

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN102324\
 Data File : VN084474.D
 Acq On : 23 Oct 2024 16:10
 Operator : JC\MD
 Sample : VSTDCCC020
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_N
 LabSampleId :
 VSTDCCC020

Quant Time: Oct 24 04:21:49 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N100824W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Wed Oct 09 02:22:28 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	107	-0.45
2 M	Dichlorodifluoromethane	1.832	0.000	100.0#	0#	-2.12#
3 M	Chloromethane	2.084	0.002	99.9#	0#	-0.15
4 M	Vinyl Chloride	2.044	0.052	97.5#	3#	-0.38
5 M	Bromomethane	1.354	0.000	100.0#	0#	-2.96#
6 M	Chloroethane	1.340	0.008	99.4#	1#	0.24
7 M	Trichlorofluoromethane	3.329	1.921	42.3#	61	-0.12
8 T	Diethyl Ether	1.224	0.000	100.0#	0#	-3.97#
9	1,1,2-Trichlorotrifluoroeth	1.872	0.000	100.0#	0#	-4.37#
10 M	1,1-Dichloroethene	1.868	0.000	100.0#	0#	-4.34#
11	Methyl Iodide	2.455	0.000	100.0#	0#	-4.59#
12	Methyl Acetate	2.339	1.190	49.1#	56	-0.15
13 M	Acrolein	0.434	0.000	100.0#	0#	-4.18#
14 M	Acrylonitrile	1.051	0.001	99.9#	0#	-0.68#
15 M	Acetone	0.300	0.002	99.3#	1#	0.12
16 M	Carbon Disulfide	5.562	0.752	86.5#	14#	-0.67#
17	Allyl chloride	3.028	1.475	51.3#	51	-0.13
18 M	Methylene Chloride	2.104	0.000	100.0#	0#	-5.28#
19 M	trans-1,2-Dichloroethene	1.977	0.000	100.0#	0#	-5.79#
20 T	Diisopropyl ether	6.510	0.000	100.0#	0#	-6.67#
21 M	1,1-Dichloroethane	3.736	3.709	0.7	104	-0.74#
22 M	cis-1,2-Dichloroethene	2.300	2.309	-0.4	105	-0.52#
23 M	tert-Butyl Alcohol	0.403	0.002	99.5#	0#	-0.61#
24 M	Methyl tert-Butyl Ether	6.242	0.000	100.0#	0#	-5.80#
25 M	Chloroform	3.783	4.019	-6.2	110	-0.41
26	Cyclohexane	3.124	2.824	9.6	92	-0.37
27 s	1,2-Dichloroethane-d4	2.415	2.422	-0.3	105	-0.32
28 I	1,4-Difluorobenzene	1.000	1.000	0.0	101	-0.24
29	1,1-Dichloropropene	0.492	0.495	-0.6	101	-0.35
30 M	2-Butanone	0.262	0.000	100.0#	0#	0.00
31	2,2-Dichloropropane	0.579	0.010	98.3#	2#	0.39
32 M	1,1,1-Trichloroethane	0.629	0.694	-10.3	108	-0.39
33 M	Carbon Tetrachloride	0.545	0.588	-7.9	109	-0.36
34 M	Benzene	1.542	1.655	-7.3	107	-0.32
35	Methacrylonitrile	0.280	0.203	27.5#	75	-0.45
36 M	1,2-Dichloroethane	0.514	0.565	-9.9	109	-0.30
37 M	Trichloroethene	0.355	0.372	-4.8	102	-0.22
38	Methylcyclohexane	0.541	0.520	3.9	101	-0.19
39 M	1,2-Dichloropropane	0.376	0.417	-10.9	109	-0.19
40	Dibromomethane	0.263	0.286	-8.7	110	-0.18
41 M	Bromodichloromethane	0.558	0.608	-9.0	109	-0.16
42 M	Vinyl Acetate	0.912	0.000	100.0#	0#	-0.32
43	Ethyl Acetate	0.517	0.001	99.8#	0#	-0.08
44	Isopropyl Acetate	0.846	0.001	99.9#	0#	-0.06
45 T	1,4-Dioxane	0.008	0.000	100.0#	1#	-0.14
46	Methyl methacrylate	0.409	0.392	4.2	98	-0.17
47	n-amyl Acetate	0.753	0.735	2.4	100	-0.02
48 M	t-1,3-Dichloropropene	0.576	0.581	-0.9	104	-0.09

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
49 T	cis-1,3-Dichloropropene	0.604	0.641	-6.1	105	-0.13
50 M	1,1,2-Trichloroethane	0.353	0.384	-8.8	109	-0.08
51	Ethyl methacrylate	0.583	0.563	3.4	99	-0.09
52	1,3-Dichloropropane	0.617	0.657	-6.5	106	-0.08
53 M	Dibromochloromethane	0.417	0.455	-9.1	110	-0.07
54 M	1,2-Dibromoethane	0.364	0.382	-4.9	104	-0.07
55 M	2-Chloroethyl vinyl ether	0.265	0.255	3.8	102	-0.13
56 M	Bromoform	0.277	0.287	-3.6	109	-0.03
57 I	Chlorobenzene-d5	1.000	1.000	0.0	102	-0.05
58 M	4-Methyl-2-Pentanone	0.559	0.529	5.4	97	-0.12
59 M	2-Hexanone	0.415	0.404	2.7	101	-0.07
60 S	4-Bromofluorobenzene	0.495	0.510	-3.0	106	-0.02
61 M	Tetrachloroethene	0.339	0.345	-1.8	103	-0.08
62 M	Toluene	1.756	1.848	-5.2	107	-0.11
63 S	Toluene-d8	1.390	1.415	-1.8	104	-0.12
64 M	Chlorobenzene	1.093	1.158	-5.9	109	-0.05
65	1,1,1,2-Tetrachloroethane	0.380	0.415	-9.2	111	-0.05
66 M	Ethyl Benzene	1.908	1.967	-3.1	106	-0.05
67 M	m/p-Xylenes	0.724	0.770	-6.4	109	-0.04
68 M	o-Xylene	0.698	0.718	-2.9	106	-0.04
69 M	Styrene	1.198	1.260	-5.2	109	-0.04
70	Isopropylbenzene	1.781	1.863	-4.6	107	-0.02
71 M	1,1,2,2-Tetrachloroethane	0.551	0.579	-5.1	108	-0.02
72	1,2,3-Trichloropropane	0.472	0.507	-7.4	111	-0.02
73	Bromobenzene	0.431	0.469	-8.8	112	-0.03
74	n-propylbenzene	2.123	2.265	-6.7	110	-0.02
75	2-Chlorotoluene	1.319	1.408	-6.7	109	-0.02
76	1,3,5-Trimethylbenzene	1.500	1.623	-8.2	111	-0.02
77	t-1,4-Dichloro-2-butene	0.202	0.150	25.7#	82	-0.02
78	4-Chlorotoluene	1.341	1.416	-5.6	109	-0.02
79	tert-butylbenzene	1.279	1.326	-3.7	108	-0.01
80	1,2,4-Trimethylbenzene	1.522	1.660	-9.1	113	-0.01
81	sec-Butylbenzene	1.762	1.911	-8.5	112	-0.01
82	p-Isopropyltoluene	1.483	1.591	-7.3	113	-0.01
83 M	1,3-Dichlorobenzene	0.802	0.862	-7.5	111	-0.02
84 M	1,4-Dichlorobenzene	0.796	0.839	-5.4	113	-0.01
85	n-Butylbenzene	1.284	1.342	-4.5	114	0.00
86 T	Hexachloroethane	0.286	0.298	-4.2	109	-0.01
87 M	1,2-Dichlorobenzene	0.775	0.830	-7.1	112	-0.01
88	1,2-Dibromo-3-Chloropropane	0.113	0.102	9.7	94	-0.01
89	1,2,4-Trichlorobenzene	0.403	0.391	3.0	105	0.00
90	Hexachlorobutadiene	0.187	0.194	-3.7	114	0.00
91 M	Naphthalene	1.366	1.135	16.9	90	0.00
92	1,2,3-Trichlorobenzene	0.403	0.391	3.0	105	0.00

(#) = Out of Range

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