

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN112124\
 Data File : VN084987.D
 Acq On : 21 Nov 2024 10:09
 Operator : JC\MD
 Sample : VSTDCCC020
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_N
 LabSampleId :
 VSTDCCC020

Quant Time: Nov 21 14:42:37 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N103124W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Fri Nov 01 02:38:04 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	109	0.00
2 M	Dichlorodifluoromethane	1.745	1.838	-5.3	108	0.00
3 M	Chloromethane	2.101	1.977	5.9	99	0.00
4 M	Vinyl Chloride	1.951	1.886	3.3	100	0.00
5 M	Bromomethane	0.990	1.015	-2.5	102	0.00
6 M	Chloroethane	1.281	1.220	4.8	99	0.01
7 M	Trichlorofluoromethane	3.168	3.189	-0.7	103	0.00
8 T	Diethyl Ether	1.130	1.083	4.2	101	0.00
9	1,1,2-Trichlorotrifluoroeth	1.790	1.847	-3.2	104	0.00
10 M	1,1-Dichloroethene	1.748	1.663	4.9	98	0.00
11	Methyl Iodide	2.403	2.347	2.3	102	0.00
12	Methyl Acetate	2.725	2.331	14.5	94	0.00
13 M	Acrolein	0.336	0.358	-6.5	111	0.00
14 M	Acrylonitrile	0.892	0.872	2.2	105	0.00
15 M	Acetone	0.229	0.226	1.3	105	0.00
16 M	Carbon Disulfide	5.144	4.598	10.6	93	0.00
17	Allyl chloride	2.979	2.388	19.8	84	0.00
18 M	Methylene Chloride	2.049	1.896	7.5	93	0.00
19 M	trans-1,2-Dichloroethene	1.833	1.691	7.7	97	0.00
20 T	Diisopropyl ether	5.964	5.679	4.8	98	0.00
21 M	1,1-Dichloroethane	3.587	3.366	6.2	96	0.00
22 M	cis-1,2-Dichloroethene	2.188	1.951	10.8	95	0.00
23 M	tert-Butyl Alcohol	0.311	0.297	4.5	104	0.00
24 M	Methyl tert-Butyl Ether	5.654	5.343	5.5	100	0.00
25 M	Chloroform	3.675	3.521	4.2	98	0.00
26	Cyclohexane	2.740	2.729	0.4	105	0.00
27 s	1,2-Dichloroethane-d4	2.412	2.441	-1.2	107	0.00
28 I	1,4-Difluorobenzene	1.000	1.000	0.0	104	0.00
29	1,1-Dichloropropene	0.452	0.445	1.5	99	0.00
30 M	2-Butanone	0.208	0.214	-2.9	108	0.00
31	2,2-Dichloropropane	0.552	0.588	-6.5	105	0.00
32 M	1,1,1-Trichloroethane	0.614	0.604	1.6	97	0.00
33 M	Carbon Tetrachloride	0.524	0.534	-1.9	104	0.00
34 M	Benzene	1.494	1.418	5.1	97	0.00
35	Methacrylonitrile	0.247	0.242	2.0	103	0.00
36 M	1,2-Dichloroethane	0.497	0.490	1.4	98	0.00
37 M	Trichloroethene	0.337	0.315	6.5	94	0.00
38	Methylcyclohexane	0.486	0.455	6.4	99	0.00
39 M	1,2-Dichloropropane	0.360	0.347	3.6	97	0.00
40	Dibromomethane	0.252	0.248	1.6	99	0.00
41 M	Bromodichloromethane	0.539	0.520	3.5	99	0.00
42 M	Vinyl Acetate	0.779	0.743	4.6	99	0.00
43	Ethyl Acetate	0.438	0.407	7.1	99	0.00
44	Isopropyl Acetate	0.887	0.871	1.8	108	0.00
45 T	1,4-Dioxane	0.006	0.006	0.0	101	0.00
46	Methyl methacrylate	0.356	0.337	5.3	101	0.00
47	n-amyl Acetate	0.662	0.620	6.3	97	0.00
48 M	t-1,3-Dichloropropene	0.532	0.494	7.1	97	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
49 T	cis-1,3-Dichloropropene	0.571	0.542	5.1	97	0.00
50 M	1,1,2-Trichloroethane	0.337	0.344	-2.1	101	0.00
51	Ethyl methacrylate	0.520	0.475	8.7	98	0.00
52	1,3-Dichloropropane	0.586	0.572	2.4	98	0.00
53 M	Dibromochloromethane	0.395	0.385	2.5	100	0.00
54 M	1,2-Dibromoethane	0.341	0.334	2.1	97	0.00
55 M	2-Chloroethyl vinyl ether	0.255	0.247	3.1	97	0.00
56 M	Bromoform	0.265	0.257	3.0	102	0.00
57 I	Chlorobenzene-d5	1.000	1.000	0.0	106	0.00
58 M	4-Methyl-2-Pentanone	0.473	0.489	-3.4	106	0.00
59 M	2-Hexanone	0.347	0.370	-6.6	111	0.00
60 S	4-Bromofluorobenzene	0.517	0.540	-4.4	114	0.00
61 M	Tetrachloroethene	0.314	0.299	4.8	96	0.00
62 M	Toluene	1.709	1.649	3.5	99	0.00
63 S	Toluene-d8	1.420	1.421	-0.1	105	0.00
64 M	Chlorobenzene	1.032	0.980	5.0	97	0.00
65	1,1,1,2-Tetrachloroethane	0.379	0.364	4.0	97	0.00
66 M	Ethyl Benzene	1.796	1.629	9.3	95	0.00
67 M	m/p-Xylenes	0.687	0.661	3.8	99	0.00
68 M	o-Xylene	0.663	0.630	5.0	97	0.00
69 M	Styrene	1.112	1.062	4.5	100	0.00
70	Isopropylbenzene	1.647	1.558	5.4	99	0.00
71 M	1,1,2,2-Tetrachloroethane	0.534	0.542	-1.5	102	0.00
72	1,2,3-Trichloropropane	0.456	0.451	1.1	91	0.00
73	Bromobenzene	0.425	0.408	4.0	98	0.00
74	n-propylbenzene	1.926	1.864	3.2	102	0.00
75	2-Chlorotoluene	1.255	1.218	2.9	101	0.00
76	1,3,5-Trimethylbenzene	1.408	1.367	2.9	101	0.00
77	t-1,4-Dichloro-2-butene	0.187	0.187	0.0	104	0.00
78	4-Chlorotoluene	1.268	1.217	4.0	100	0.00
79	tert-butylbenzene	1.164	1.124	3.4	104	0.00
80	1,2,4-Trimethylbenzene	1.420	1.393	1.9	102	0.00
81	sec-Butylbenzene	1.604	1.543	3.8	102	0.00
82	p-Isopropyltoluene	1.348	1.306	3.1	104	0.00
83 M	1,3-Dichlorobenzene	0.786	0.738	6.1	97	0.00
84 M	1,4-Dichlorobenzene	0.776	0.711	8.4	97	0.00
85	n-Butylbenzene	1.132	1.031	8.9	103	0.00
86 T	Hexachloroethane	0.276	0.277	-0.4	104	0.00
87 M	1,2-Dichlorobenzene	0.774	0.753	2.7	98	0.00
88	1,2-Dibromo-3-Chloropropane	0.103	0.105	-1.9	103	0.00
89	1,2,4-Trichlorobenzene	0.377	0.331	12.2	92	0.00
90	Hexachlorobutadiene	0.165	0.178	-7.9	112	0.00
91 M	Naphthalene	1.204	0.971	19.4	92	0.00
92	1,2,3-Trichlorobenzene	0.377	0.331	12.2	92	0.00

(#) = Out of Range

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