

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN022324\
 Data File : VN081160.D
 Acq On : 23 Feb 2024 14:50
 Operator : JC\MD
 Sample : VSTDCCC020
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_N
 LabSampleId :
 VSTDCCC020

Quant Time: Feb 24 00:14:10 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N020924W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Sat Feb 10 01:55:02 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	64	0.00
2 M	Dichlorodifluoromethane	2.040	1.836	10.0	63	0.00
3 M	Chloromethane	2.050	1.752	14.5	59	0.00
4 M	Vinyl Chloride	2.444	1.852	24.2	52	0.00
5 M	Bromomethane	1.642	1.183	28.0#	48#	0.05
6 M	Chloroethane	1.593	1.237	22.3	52	0.02
7 M	Trichlorofluoromethane	3.218	2.739	14.9	56	0.02
8 T	Diethyl Ether	1.131	1.092	3.4	65	0.00
9	1,1,2-Trichlorotrifluoroeth	1.747	1.505	13.9	56	0.01
10 M	1,1-Dichloroethene	1.712	1.430	16.5	54	0.01
11	Methyl Iodide	1.834	1.182	35.6#	45#	0.00
12	Methyl Acetate	1.551	1.851	-19.3	81	0.00
13 M	Acrolein	0.338	0.411	-21.6	78	0.00
14 M	Acrylonitrile	0.770	0.884	-14.8	77	0.00
15 M	Acetone	0.177	0.200	-13.0	76	0.00
16 M	Carbon Disulfide	4.698	3.706	21.1	51	0.00
17	Allyl chloride	2.150	2.181	-1.4	66	0.00
18 M	Methylene Chloride	1.956	1.773	9.4	58	0.00
19 M	trans-1,2-Dichloroethene	1.943	1.610	17.1	53	0.01
20 T	Diisopropyl ether	5.168	5.490	-6.2	72	0.00
21 M	1,1-Dichloroethane	3.312	3.119	5.8	62	0.00
22 M	cis-1,2-Dichloroethene	2.258	1.923	14.8	55	0.00
23 M	tert-Butyl Alcohol	0.281	0.320	-13.9	75	0.00
24 M	Methyl tert-Butyl Ether	5.675	5.474	3.5	64	0.00
25 M	Chloroform	3.674	3.288	10.5	58	0.00
26	Cyclohexane	2.494	2.466	1.1	63	0.00
27 s	1,2-Dichloroethane-d4	2.254	2.399	-6.4	69	0.00
28 I	1,4-Difluorobenzene	1.000	1.000	0.0	61	0.00
29	1,1-Dichloropropene	0.447	0.405	9.4	56	0.00
30 M	2-Butanone	0.164	0.196	-19.5	76	0.00
31	2,2-Dichloropropane	0.509	0.445	12.6	55	0.01
32 M	1,1,1-Trichloroethane	0.562	0.478	14.9	54	0.00
33 M	Carbon Tetrachloride	0.474	0.405	14.6	54	0.00
34 M	Benzene	1.366	1.267	7.2	58	0.00
35	Methacrylonitrile	0.193	0.232	-20.2	79	0.00
36 M	1,2-Dichloroethane	0.458	0.469	-2.4	63	0.00
37 M	Trichloroethene	0.363	0.306	15.7	52	0.00
38	Methylcyclohexane	0.446	0.462	-3.6	65	0.00
39 M	1,2-Dichloropropane	0.324	0.323	0.3	62	0.00
40	Dibromomethane	0.246	0.240	2.4	61	0.00
41 M	Bromodichloromethane	0.482	0.453	6.0	60	0.00
42 M	Vinyl Acetate	0.701	0.786	-12.1	73	0.00
43	Ethyl Acetate	0.341	0.415	-21.7	76	0.00
44	Isopropyl Acetate	0.614	0.754	-22.8	79	0.00
45 T	1,4-Dioxane	0.006	0.007	-16.7	75	0.00
46	Methyl methacrylate	0.281	0.335	-19.2	78	0.00
47	n-amyl Acetate	0.535	0.645	-20.6	77	0.00
48 M	t-1,3-Dichloropropene	0.505	0.478	5.3	61	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
49 T	cis-1,3-Dichloropropene	0.548	0.531	3.1	61	0.00
50 M	1,1,2-Trichloroethane	0.341	0.328	3.8	62	0.00
51	Ethyl methacrylate	0.477	0.499	-4.6	68	0.00
52	1,3-Dichloropropane	0.563	0.571	-1.4	64	0.00
53 M	Dibromochloromethane	0.372	0.331	11.0	58	0.00
54 M	1,2-Dibromoethane	0.353	0.336	4.8	61	0.00
55 M	2-Chloroethyl vinyl ether	0.244	0.261	-7.0	69	0.00
56 M	Bromoform	0.237	0.207	12.7	58	0.00
57 I	Chlorobenzene-d5	1.000	1.000	0.0	64	0.00
58 M	4-Methyl-2-Pentanone	0.389	0.472	-21.3	80	0.00
59 M	2-Hexanone	0.286	0.346	-21.0	81	0.00
60 S	4-Bromofluorobenzene	0.459	0.460	-0.2	63	0.00
61 M	Tetrachloroethene	0.343	0.298	13.1	55	0.00
62 M	Toluene	1.643	1.481	9.9	58	0.00
63 S	Toluene-d8	1.346	1.343	0.2	63	0.00
64 M	Chlorobenzene	1.006	0.906	9.9	58	0.00
65	1,1,1,2-Tetrachloroethane	0.373	0.321	13.9	55	0.00
66 M	Ethyl Benzene	1.728	1.574	8.9	58	0.00
67 M	m/p-Xylenes	0.679	0.612	9.9	57	0.00
68 M	o-Xylene	0.665	0.585	12.0	57	0.00
69 M	Styrene	1.095	1.007	8.0	59	0.00
70	Isopropylbenzene	1.621	1.544	4.8	61	0.00
71 M	1,1,2,2-Tetrachloroethane	0.500	0.486	2.8	63	0.00
72	1,2,3-Trichloropropane	0.391	0.399	-2.0	68	0.00
73	Bromobenzene	0.403	0.369	8.4	58	0.00
74	n-propylbenzene	1.842	1.847	-0.3	64	0.00
75	2-Chlorotoluene	1.143	1.103	3.5	61	0.00
76	1,3,5-Trimethylbenzene	1.326	1.317	0.7	63	0.00
77	t-1,4-Dichloro-2-butene	0.148	0.164	-10.8	75	0.00
78	4-Chlorotoluene	1.145	1.102	3.8	61	0.00
79	tert-butylbenzene	1.101	1.120	-1.7	63	0.00
80	1,2,4-Trimethylbenzene	1.321	1.301	1.5	62	0.00
81	sec-Butylbenzene	1.541	1.588	-3.0	65	0.00
82	p-Isopropyltoluene	1.294	1.289	0.4	64	0.00
83 M	1,3-Dichlorobenzene	0.725	0.659	9.1	56	0.00
84 M	1,4-Dichlorobenzene	0.728	0.677	7.0	58	0.00
85	n-Butylbenzene	1.068	1.153	-8.0	70	0.00
86 T	Hexachloroethane	0.204	0.214	-4.9	68	0.00
87 M	1,2-Dichlorobenzene	0.706	0.663	6.1	61	0.00
88	1,2-Dibromo-3-Chloropropane	0.090	0.093	-3.3	72	0.00
89	1,2,4-Trichlorobenzene	0.345	0.356	-3.2	65	0.00
90	Hexachlorobutadiene	0.151	0.127	15.9	54	0.00
91 M	Naphthalene	1.226	1.295	-5.6	69	0.00
92	1,2,3-Trichlorobenzene	0.345	0.356	-3.2	65	0.00

(#) = Out of Range

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