

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN110823\
 Data File : VN080020.D
 Acq On : 09 Nov 2023 03:04
 Operator : JC\MD
 Sample : VSTDCCC020
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 39 Sample Multiplier: 1

Instrument :
 MSVOA_N
 LabSampleId :
 VSTDCCC020

Quant Time: Nov 09 04:34:28 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N110823W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Thu Nov 09 04:02:05 2023
 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	91	0.00
2 M	Dichlorodifluoromethane	1.956	1.616	17.4	71	0.00
3 M	Chloromethane	2.464	2.265	8.1	82	0.00
4 M	Vinyl Chloride	2.059	1.997	3.0	90	0.00
5 M	Bromomethane	1.127	0.776	31.1#	65	0.00
6 M	Chloroethane	1.196	1.300	-8.7	108	0.00
7 M	Trichlorofluoromethane	3.090	2.681	13.2	82	0.00
8 T	Diethyl Ether	1.109	0.993	10.5	81	0.00
9	1,1,2-Trichlorotrifluoroeth	1.746	1.464	16.2	78	0.00
10 M	1,1-Dichloroethene	1.545	1.406	9.0	77	0.00
11	Methyl Iodide	2.043	1.223	40.1#	53	0.00
12	Methyl Acetate	4.005	3.639	9.1	81	0.00
13 M	Acrolein	0.338	0.279	17.5	82	0.00
14 M	Acrylonitrile	0.951	0.872	8.3	82	0.00
15 M	Acetone	0.321	0.218	32.1#	60	0.00
16 M	Carbon Disulfide	5.274	4.251	19.4	68	0.00
17	Allyl chloride	2.699	2.213	18.0	75	0.00
18 M	Methylene Chloride	2.071	2.005	3.2	89	0.00
19 M	trans-1,2-Dichloroethene	1.915	1.647	14.0	77	0.00
20 T	Diisopropyl ether	6.307	5.841	7.4	81	-0.01
21 M	1,1-Dichloroethane	3.765	3.474	7.7	81	0.00
22 M	cis-1,2-Dichloroethene	2.222	1.956	12.0	79	0.00
23 M	tert-Butyl Alcohol	0.257	0.193	24.9	66	0.00
24 M	Methyl tert-Butyl Ether	5.687	5.193	8.7	80	0.00
25 M	Chloroform	3.886	3.678	5.4	84	0.00
26	Cyclohexane	2.962	2.283	22.9	69	0.00
27 s	1,2-Dichloroethane-d4	2.518	2.546	-1.1	92	0.00
28 I	1,4-Difluorobenzene	1.000	1.000	0.0	79	0.00
29	1,1-Dichloropropene	0.515	0.473	8.2	72	0.00
30 M	2-Butanone	0.246	0.222	9.8	71	0.00
31	2,2-Dichloropropane	0.556	0.451	18.9	63	0.00
32 M	1,1,1-Trichloroethane	0.588	0.591	-0.5	80	0.00
33 M	Carbon Tetrachloride	0.517	0.498	3.7	76	0.00
34 M	Benzene	1.530	1.556	-1.7	80	0.00
35	Methacrylonitrile	0.258	0.257	0.4	79	0.00
36 M	1,2-Dichloroethane	0.554	0.604	-9.0	86	0.00
37 M	Trichloroethene	0.368	0.350	4.9	75	0.00
38	Methylcyclohexane	0.483	0.407	15.7	67	0.00
39 M	1,2-Dichloropropane	0.405	0.419	-3.5	81	0.00
40	Dibromomethane	0.262	0.282	-7.6	85	0.00
41 M	Bromodichloromethane	0.542	0.574	-5.9	85	0.00
42 M	Vinyl Acetate	0.611	0.594	2.8	76	0.00
43	Ethyl Acetate	0.462	0.491	-6.3	77	0.00
44	Isopropyl Acetate	0.753	0.744	1.2	78	0.00
45 T	1,4-Dioxane	0.006	0.005	16.7	73	0.00
46	Methyl methacrylate	0.362	0.374	-3.3	80	0.00
47	n-amyl Acetate	0.605	0.561	7.3	73	0.00
48 M	t-1,3-Dichloropropene	0.554	0.518	6.5	73	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
49 T	cis-1,3-Dichloropropene	0.612	0.590	3.6	75	0.00
50 M	1,1,2-Trichloroethane	0.357	0.386	-8.1	85	0.00
51	Ethyl methacrylate	0.513	0.487	5.1	74	0.00
52	1,3-Dichloropropane	0.638	0.673	-5.5	82	0.00
53 M	Dibromochloromethane	0.382	0.403	-5.5	83	0.00
54 M	1,2-Dibromoethane	0.358	0.369	-3.1	82	0.00
55 M	2-Chloroethyl vinyl ether	0.236	0.239	-1.3	78	0.00
56 M	Bromoform	0.250	0.253	-1.2	80	0.00
57 I	Chlorobenzene-d5	1.000	1.000	0.0	82	0.00
58 M	4-Methyl-2-Pentanone	0.501	0.517	-3.2	81	0.00
59 M	2-Hexanone	0.382	0.361	5.5	73	0.00
60 S	4-Bromofluorobenzene	0.480	0.458	4.6	78	0.00
61 M	Tetrachloroethene	0.352	0.353	-0.3	81	0.00
62 M	Toluene	1.735	1.669	3.8	77	0.00
63 S	Toluene-d8	1.421	1.449	-2.0	81	0.00
64 M	Chlorobenzene	1.035	0.979	5.4	76	0.00
65	1,1,1,2-Tetrachloroethane	0.380	0.385	-1.3	80	0.00
66 M	Ethyl Benzene	1.823	1.636	10.3	72	0.00
67 M	m/p-Xylenes	0.679	0.628	7.5	72	0.00
68 M	o-Xylene	0.651	0.609	6.5	75	0.00
69 M	Styrene	1.077	1.009	6.3	74	0.00
70	Isopropylbenzene	1.623	1.461	10.0	72	0.00
71 M	1,1,2,2-Tetrachloroethane	0.553	0.574	-3.8	83	0.00
72	1,2,3-Trichloropropane	0.514	0.526	-2.3	84	0.00
73	Bromobenzene	0.399	0.380	4.8	78	0.00
74	n-propylbenzene	1.942	1.738	10.5	72	0.00
75	2-Chlorotoluene	1.234	1.115	9.6	73	0.00
76	1,3,5-Trimethylbenzene	1.342	1.243	7.4	74	0.00
77	t-1,4-Dichloro-2-butene	0.168	0.129	23.2	64	0.00
78	4-Chlorotoluene	1.226	1.110	9.5	73	0.00
79	tert-butylbenzene	1.051	0.940	10.6	72	0.00
80	1,2,4-Trimethylbenzene	1.316	1.214	7.8	73	0.00
81	sec-Butylbenzene	1.484	1.332	10.2	72	0.00
82	p-Isopropyltoluene	1.205	1.099	8.8	73	0.00
83 M	1,3-Dichlorobenzene	0.727	0.676	7.0	74	0.00
84 M	1,4-Dichlorobenzene	0.714	0.646	9.5	74	0.00
85	n-Butylbenzene	1.008	0.869	13.8	71	0.00
86 T	Hexachloroethane	0.234	0.204	12.8	72	0.00
87 M	1,2-Dichlorobenzene	0.695	0.667	4.0	77	0.00
88	1,2-Dibromo-3-Chloropropane	0.101	0.096	5.0	76	0.00
89	1,2,4-Trichlorobenzene	0.322	0.279	13.4	69	0.00
90	Hexachlorobutadiene	0.159	0.142	10.7	72	0.00
91 M	Naphthalene	1.033	0.785	24.0	61	0.00
92	1,2,3-Trichlorobenzene	0.322	0.279	13.4	69	0.00

(#) = Out of Range

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