

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN092723\
 Data File : VN079361.D
 Acq On : 27 Sep 2023 12:30
 Operator : JC\MD
 Sample : VSTDICV020
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 ICSVN092723

Quant Time: Sep 28 00:46:35 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N092723W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Wed Sep 27 23:50:58 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	96	0.00
2 M	Dichlorodifluoromethane	1.851	1.796	3.0	94	0.00
3 M	Chloromethane	2.374	2.257	4.9	94	0.00
4 M	Vinyl Chloride	2.602	2.608	-0.2	100	0.00
5 M	Bromomethane	1.632	1.515	7.2	98	0.00
6 M	Chloroethane	1.853	1.733	6.5	96	0.00
7 M	Trichlorofluoromethane	3.083	3.103	-0.6	99	0.00
8 T	Diethyl Ether	1.100	1.076	2.2	93	0.00
9	1,1,2-Trichlorotrifluoroeth	1.729	1.695	2.0	97	0.01
10 M	1,1-Dichloroethene	1.598	1.618	-1.3	97	0.00
11	Methyl Iodide	1.804	1.864	-3.3	99	0.00
12	Methyl Acetate	3.637	3.540	2.7	94	0.00
13 M	Acrolein	0.365	0.367	-0.5	96	0.00
14 M	Acrylonitrile	0.946	0.915	3.3	93	0.00
15 M	Acetone	0.310	0.290	6.5	92	0.00
16 M	Carbon Disulfide	4.842	4.751	1.9	98	0.00
17	Allyl chloride	2.566	2.449	4.6	89	0.00
18 M	Methylene Chloride	2.078	1.988	4.3	95	0.00
19 M	trans-1,2-Dichloroethene	1.868	1.816	2.8	95	0.00
20 T	Diisopropyl ether	6.069	6.184	-1.9	97	0.00
21 M	1,1-Dichloroethane	3.657	3.602	1.5	97	0.00
22 M	cis-1,2-Dichloroethene	2.127	2.109	0.8	98	0.00
23 M	tert-Butyl Alcohol	0.310	0.288	7.1	93	0.00
24 M	Methyl tert-Butyl Ether	5.470	5.372	1.8	94	0.00
25 M	Chloroform	3.733	3.670	1.7	96	0.00
26	Cyclohexane	2.817	2.769	1.7	94	0.00
27 s	1,2-Dichloroethane-d4	2.461	2.493	-1.3	98	0.00
28 I	1,4-Difluorobenzene	1.000	1.000	0.0	98	0.00
29	1,1-Dichloropropene	0.505	0.489	3.2	95	0.00
30 M	2-Butanone	0.250	0.234	6.4	91	0.00
31	2,2-Dichloropropane	0.558	0.548	1.8	97	0.00
32 M	1,1,1-Trichloroethane	0.586	0.582	0.7	97	0.00
33 M	Carbon Tetrachloride	0.508	0.498	2.0	97	0.00
34 M	Benzene	1.531	1.493	2.5	96	0.00
35	Methacrylonitrile	0.259	0.232	10.4	87	0.00
36 M	1,2-Dichloroethane	0.555	0.531	4.3	96	0.00
37 M	Trichloroethene	0.360	0.345	4.2	95	0.00
38	Methylcyclohexane	0.496	0.484	2.4	96	0.00
39 M	1,2-Dichloropropane	0.406	0.396	2.5	96	0.00
40	Dibromomethane	0.269	0.260	3.3	96	0.00
41 M	Bromodichloromethane	0.548	0.527	3.8	94	0.00
42 M	Vinyl Acetate	0.676	0.668	1.2	97	0.00
43	Ethyl Acetate	0.498	0.500	-0.4	110	-0.01
44	Isopropyl Acetate	0.801	0.782	2.4	94	0.00
45 T	1,4-Dioxane	0.007	0.006	14.3	95	0.00
46	Methyl methacrylate	0.364	0.362	0.5	95	0.00
47	n-amyl Acetate	0.570	0.573	-0.5	96	0.00
48 M	t-1,3-Dichloropropene	0.556	0.532	4.3	96	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
49 T	cis-1,3-Dichloropropene	0.597	0.583	2.3	95	0.00
50 M	1,1,2-Trichloroethane	0.367	0.357	2.7	95	0.00
51	Ethyl methacrylate	0.499	0.482	3.4	93	0.00
52	1,3-Dichloropropane	0.655	0.620	5.3	95	0.00
53 M	Dibromochloromethane	0.372	0.369	0.8	97	0.00
54 M	1,2-Dibromoethane	0.358	0.336	6.1	91	0.00
55 M	2-Chloroethyl vinyl ether	0.194	0.202	-4.1	102	0.00
56 M	Bromoform	0.237	0.235	0.8	96	0.00
57 I	Chlorobenzene-d5	1.000	1.000	0.0	98	0.00
58 M	4-Methyl-2-Pentanone	0.537	0.526	2.0	94	0.00
59 M	2-Hexanone	0.384	0.374	2.6	94	0.00
60 S	4-Bromofluorobenzene	0.428	0.440	-2.8	97	0.00
61 M	Tetrachloroethene	0.335	0.323	3.6	97	0.00
62 M	Toluene	1.797	1.746	2.8	96	0.00
63 S	Toluene-d8	1.474	1.482	-0.5	99	0.00
64 M	Chlorobenzene	1.031	1.010	2.0	98	0.00
65	1,1,1,2-Tetrachloroethane	0.386	0.381	1.3	98	0.00
66 M	Ethyl Benzene	1.818	1.806	0.7	96	0.00
67 M	m/p-Xylenes	0.672	0.687	-2.2	96	0.00
68 M	o-Xylene	0.647	0.637	1.5	94	0.00
69 M	Styrene	1.019	1.046	-2.6	96	0.00
70	Isopropylbenzene	1.645	1.671	-1.6	97	0.00
71 M	1,1,2,2-Tetrachloroethane	0.589	0.555	5.8	94	0.00
72	1,2,3-Trichloropropane	0.526	0.434	17.5	82	0.00
73	Bromobenzene	0.385	0.377	2.1	95	0.00
74	n-propylbenzene	1.948	1.988	-2.1	97	0.00
75	2-Chlorotoluene	1.189	1.203	-1.2	98	0.00
76	1,3,5-Trimethylbenzene	1.367	1.396	-2.1	96	0.00
77	t-1,4-Dichloro-2-butene	0.156	0.163	-4.5	98	0.00
78	4-Chlorotoluene	1.105	1.133	-2.5	99	0.00
79	tert-butylbenzene	1.133	1.117	1.4	97	0.00
80	1,2,4-Trimethylbenzene	1.338	1.354	-1.2	97	0.00
81	sec-Butylbenzene	1.625	1.617	0.5	98	0.00
82	p-Isopropyltoluene	1.289	1.252	2.9	96	0.00
83 M	1,3-Dichlorobenzene	0.651	0.658	-1.1	98	0.00
84 M	1,4-Dichlorobenzene	0.611	0.677	-10.8	107	0.00
85	n-Butylbenzene	0.988	1.076	-8.9	106	0.00
86 T	Hexachloroethane	0.267	0.280	-4.9	105	0.00
87 M	1,2-Dichlorobenzene	0.643	0.704	-9.5	107	0.00
88	1,2-Dibromo-3-Chloropropane	0.091	0.104	-14.3	111	0.00
89	1,2,4-Trichlorobenzene	0.238	0.215	9.7	80	0.00
90	Hexachlorobutadiene	0.171	0.150	12.3	81	0.00
91 M	Naphthalene	0.539	0.468	13.2	83	0.00
92	1,2,3-Trichlorobenzene	0.238	0.215	9.7	80	0.00

(#) = Out of Range

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