

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN101823\
 Data File : VN079605.D
 Acq On : 18 Oct 2023 17:13
 Operator : JC\MD
 Sample : VSTDCCC020
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_N
 LabSampleId :
 VSTDCCC020

Quant Time: Oct 19 06:17:01 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N101723W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Wed Oct 18 02:19:15 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	93	-0.01
2 M	Dichlorodifluoromethane	4.351	4.227	2.8	88	0.00
3 M	Chloromethane	5.639	5.202	7.7	84	0.00
4 M	Vinyl Chloride	6.086	5.849	3.9	88	0.00
5 M	Bromomethane	3.773	3.186	15.6	78	0.01
6 M	Chloroethane	4.283	4.072	4.9	87	0.00
7 M	Trichlorofluoromethane	7.426	7.401	0.3	91	0.00
8 T	Diethyl Ether	2.691	2.467	8.3	83	0.00
9	1,1,2-Trichlorotrifluoroeth	4.249	4.215	0.8	92	0.00
10 M	1,1-Dichloroethene	4.042	3.764	6.9	85	0.00
11	Methyl Iodide	4.475	4.311	3.7	90	0.00
12	Methyl Acetate	9.745	8.778	9.9	83	0.00
13 M	Acrolein	0.806	0.795	1.4	90	0.00
14 M	Acrylonitrile	2.334	2.210	5.3	87	0.00
15 M	Acetone	0.739	0.643	13.0	78	0.00
16 M	Carbon Disulfide	12.326	11.428	7.3	86	0.00
17	Allyl chloride	6.232	5.497	11.8	77	0.00
18 M	Methylene Chloride	4.975	4.988	-0.3	91	0.00
19 M	trans-1,2-Dichloroethene	4.522	4.476	1.0	92	0.00
20 T	Diisopropyl ether	14.778	14.412	2.5	86	0.00
21 M	1,1-Dichloroethane	8.980	8.831	1.7	89	0.00
22 M	cis-1,2-Dichloroethene	5.209	4.954	4.9	87	0.00
23 M	tert-Butyl Alcohol	0.780	0.554	29.0#	66	0.00
24 M	Methyl tert-Butyl Ether	13.563	12.625	6.9	84	0.00
25 M	Chloroform	9.074	9.018	0.6	90	0.00
26	Cyclohexane	6.788	6.169	9.1	82	0.00
27 s	1,2-Dichloroethane-d4	4.265	4.184	1.9	88	0.00
28 I	1,4-Difluorobenzene	1.000	1.000	0.0	85	0.00
29	1,1-Dichloropropene	0.877	0.887	-1.1	88	0.00
30 M	2-Butanone	0.439	0.391	10.9	76	0.00
31	2,2-Dichloropropane	0.988	0.971	1.7	86	0.00
32 M	1,1,1-Trichloroethane	1.042	1.043	-0.1	87	0.00
33 M	Carbon Tetrachloride	0.886	0.890	-0.5	87	0.00
34 M	Benzene	2.664	2.737	-2.7	90	0.00
35	Methacrylonitrile	0.462	0.444	3.9	82	0.00
36 M	1,2-Dichloroethane	0.951	0.990	-4.1	90	0.00
37 M	Trichloroethene	0.623	0.628	-0.8	90	0.00
38	Methylcyclohexane	0.844	0.809	4.1	84	0.00
39 M	1,2-Dichloropropane	0.703	0.710	-1.0	88	0.00
40	Dibromomethane	0.461	0.474	-2.8	90	0.00
41 M	Bromodichloromethane	0.956	0.991	-3.7	91	0.00
42 M	Vinyl Acetate	1.115	1.071	3.9	82	0.00
43	Ethyl Acetate	0.826	0.857	-3.8	91	0.00
44	Isopropyl Acetate	1.469	1.290	12.2	79	0.00
45 T	1,4-Dioxane	0.011	0.010	9.1	72	0.00
46	Methyl methacrylate	0.652	0.630	3.4	82	0.00
47	n-amyl Acetate	1.060	0.939	11.4	75	0.00
48 M	t-1,3-Dichloropropene	0.966	0.917	5.1	82	0.00

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN101823\
 Data File : VN079605.D
 Acq On : 18 Oct 2023 17:13
 Operator : JC\MD
 Sample : VSTDCCC020
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_N
 LabSampleId :
 VSTDCCC020

Quant Time: Oct 19 06:17:01 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N101723W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Wed Oct 18 02:19:15 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)
49 T	cis-1,3-Dichloropropene	1.057	1.017	3.8	84	0.00
50 M	1,1,2-Trichloroethane	0.640	0.661	-3.3	91	0.00
51	Ethyl methacrylate	0.883	0.797	9.7	76	0.00
52	1,3-Dichloropropane	1.134	1.139	-0.4	88	0.00
53 M	Dibromochloromethane	0.654	0.662	-1.2	87	0.00
54 M	1,2-Dibromoethane	0.631	0.612	3.0	85	0.00
55 M	2-Chloroethyl vinyl ether	0.337	0.284	15.7	77	0.00
56 M	Bromoform	0.433	0.436	-0.7	87	0.00
57 I	Chlorobenzene-d5	1.000	1.000	0.0	87	0.00
58 M	4-Methyl-2-Pentanone	0.700	0.674	3.7	82	0.00
59 M	2-Hexanone	0.513	0.465	9.4	77	0.00
60 S	4-Bromofluorobenzene	0.549	0.556	-1.3	86	0.00
61 M	Tetrachloroethene	0.412	0.433	-5.1	91	0.00
62 M	Toluene	2.293	2.320	-1.2	89	0.00
63 S	Toluene-d8	1.286	1.317	-2.4	88	0.00
64 M	Chlorobenzene	1.330	1.301	2.2	87	0.00
65	1,1,1,2-Tetrachloroethane	0.507	0.507	0.0	88	0.00
66 M	Ethyl Benzene	2.362	2.292	3.0	84	0.00
67 M	m/p-Xylenes	0.874	0.895	-2.4	88	0.00
68 M	o-Xylene	0.835	0.818	2.0	86	0.00
69 M	Styrene	1.326	1.345	-1.4	86	0.00
70	Isopropylbenzene	2.144	2.125	0.9	86	0.00
71 M	1,1,2,2-Tetrachloroethane	0.762	0.756	0.8	86	0.00
72	1,2,3-Trichloropropane	0.692	0.657	5.1	83	0.00
73	Bromobenzene	0.504	0.507	-0.6	86	0.00
74	n-propylbenzene	2.496	2.535	-1.6	88	0.00
75	2-Chlorotoluene	1.551	1.535	1.0	85	0.00
76	1,3,5-Trimethylbenzene	1.752	1.788	-2.1	87	0.00
77	t-1,4-Dichloro-2-butene	0.211	0.190	10.0	76	0.00
78	4-Chlorotoluene	1.466	1.455	0.8	85	0.00
79	tert-butylbenzene	1.409	1.389	1.4	86	0.00
80	1,2,4-Trimethylbenzene	1.698	1.735	-2.2	88	0.00
81	sec-Butylbenzene	1.978	2.045	-3.4	90	0.00
82	p-Isopropyltoluene	1.569	1.575	-0.4	86	0.00
83 M	1,3-Dichlorobenzene	0.828	0.831	-0.4	86	0.00
84 M	1,4-Dichlorobenzene	0.794	0.764	3.8	84	0.00
85	n-Butylbenzene	1.226	1.186	3.3	84	0.00
86 T	Hexachloroethane	0.339	0.350	-3.2	93	0.00
87 M	1,2-Dichlorobenzene	0.823	0.817	0.7	83	0.00
88	1,2-Dibromo-3-Chloropropane	0.116	0.111	4.3	79	0.00
89	1,2,4-Trichlorobenzene	0.290	0.242	16.6	70	0.00
90	Hexachlorobutadiene	0.205	0.203	1.0	85	0.00
91 M	Naphthalene	0.748	0.473	36.8#	55	0.00
92	1,2,3-Trichlorobenzene	0.290	0.242	16.6	70	0.00

(#) = Out of Range

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