

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN021723\
 Data File : VN076729.D
 Acq On : 17 Feb 2023 12:29
 Operator : JC\MD
 Sample : VSTDCCC020
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_N
 LabSampleId :
 VSTDCCC020

Quant Time: Feb 18 02:04:12 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N021523W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Thu Feb 16 01:08:46 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	88	0.00
2 M	Dichlorodifluoromethane	3.175	3.324	-4.7	89	0.00
3 M	Chloromethane	3.898	3.987	-2.3	89	0.00
4 M	Vinyl Chloride	4.161	4.437	-6.6	93	0.00
5 M	Bromomethane	2.873	2.810	2.2	92	0.00
6 M	Chloroethane	2.698	2.958	-9.6	95	0.00
7 M	Trichlorofluoromethane	5.187	5.232	-0.9	89	-0.01
8 T	Diethyl Ether	2.058	2.109	-2.5	93	0.00
9	1,1,2-Trichlorotrifluoroeth	3.152	3.178	-0.8	90	0.00
10 M	1,1-Dichloroethene	2.961	2.912	1.7	89	0.00
11	Methyl Iodide	3.694	4.229	-14.5	95	0.00
12	Methyl Acetate	6.070	6.473	-6.6	95	0.00
13 M	Acrolein	0.721	0.703	2.5	93	0.00
14 M	Acrylonitrile	1.863	1.974	-6.0	93	0.00
15 M	Acetone	0.603	0.644	-6.8	86	0.00
16 M	Carbon Disulfide	8.304	8.042	3.2	87	0.00
17	Allyl chloride	5.299	5.189	2.1	90	0.00
18 M	Methylene Chloride	3.737	3.810	-2.0	91	0.00
19 M	trans-1,2-Dichloroethene	3.320	3.355	-1.1	96	0.00
20 T	Diisopropyl ether	12.531	12.790	-2.1	89	0.00
21 M	1,1-Dichloroethane	6.555	6.674	-1.8	90	0.00
22 M	cis-1,2-Dichloroethene	3.810	4.029	-5.7	93	0.00
23 M	tert-Butyl Alcohol	0.538	0.576	-7.1	91	-0.01
24 M	Methyl tert-Butyl Ether	10.244	10.674	-4.2	92	0.00
25 M	Chloroform	6.428	6.749	-5.0	91	0.00
26	Cyclohexane	5.858	6.020	-2.8	88	0.00
27 s	1,2-Dichloroethane-d4	2.744	2.878	-4.9	92	0.00
28 I	1,4-Difluorobenzene	1.000	1.000	0.0	92	0.00
29	1,1-Dichloropropene	0.684	0.684	0.0	91	0.00
30 M	2-Butanone	0.399	0.419	-5.0	91	0.00
31	2,2-Dichloropropane	0.715	0.725	-1.4	92	0.00
32 M	1,1,1-Trichloroethane	0.794	0.778	2.0	91	0.00
33 M	Carbon Tetrachloride	0.688	0.659	4.2	87	0.00
34 M	Benzene	2.185	2.179	0.3	90	0.00
35	Methacrylonitrile	0.435	0.417	4.1	88	0.00
36 M	1,2-Dichloroethane	0.731	0.768	-5.1	93	0.01
37 M	Trichloroethene	0.508	0.495	2.6	92	0.00
38	Methylcyclohexane	0.861	0.842	2.2	88	0.00
39 M	1,2-Dichloropropane	0.568	0.590	-3.9	96	0.00
40	Dibromomethane	0.362	0.367	-1.4	91	0.00
41 M	Bromodichloromethane	0.726	0.717	1.2	89	0.00
42 M	Vinyl Acetate	1.157	1.162	-0.4	92	0.00
43	Ethyl Acetate	0.760	0.748	1.6	88	0.00
44	Isopropyl Acetate	1.252	1.309	-4.6	92	0.00
45 T	1,4-Dioxane	0.011	0.011	0.0	97	0.00
46	Methyl methacrylate	0.575	0.616	-7.1	96	0.00
47	n-amyl Acetate	1.105	1.129	-2.2	92	0.00
48 M	t-1,3-Dichloropropene	0.737	0.728	1.2	89	0.00

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN021723\
 Data File : VN076729.D
 Acq On : 17 Feb 2023 12:29
 Operator : JC\MD
 Sample : VSTDCCC020
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_N
 LabSampleId :
 VSTDCCC020

Quant Time: Feb 18 02:04:12 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N021523W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Thu Feb 16 01:08:46 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	0.838	0.823	1.8	90	0.00
50 M	1,1,2-Trichloroethane	0.526	0.520	1.1	88	0.00
51	Ethyl methacrylate	0.764	0.787	-3.0	92	0.00
52	1,3-Dichloropropane	0.905	0.916	-1.2	91	0.00
53 M	Dibromochloromethane	0.541	0.527	2.6	89	0.00
54 M	1,2-Dibromoethane	0.512	0.505	1.4	89	0.00
55 M	2-Chloroethyl vinyl ether	0.339	0.332	2.1	92	0.00
56 M	Bromoform	0.372	0.347	6.7	87	0.00
57 I	Chlorobenzene-d5	1.000	1.000	0.0	92	0.00
58 M	4-Methyl-2-Pentanone	0.714	0.765	-7.1	93	0.00
59 M	2-Hexanone	0.531	0.581	-9.4	94	0.00
60 S	4-Bromofluorobenzene	0.531	0.549	-3.4	93	0.00
61 M	Tetrachloroethene	0.379	0.364	4.0	91	0.00
62 M	Toluene	2.097	2.143	-2.2	91	0.00
63 S	Toluene-d8	1.051	1.065	-1.3	91	0.00
64 M	Chlorobenzene	1.249	1.255	-0.5	92	0.00
65	1,1,1,2-Tetrachloroethane	0.458	0.452	1.3	90	0.00
66 M	Ethyl Benzene	2.229	2.288	-2.6	92	0.00
67 M	m/p-Xylenes	0.872	0.899	-3.1	90	0.00
68 M	o-Xylene	0.859	0.892	-3.8	92	0.00
69 M	Styrene	1.379	1.446	-4.9	93	0.00
70	Isopropylbenzene	2.191	2.250	-2.7	89	0.00
71 M	1,1,2,2-Tetrachloroethane	0.717	0.770	-7.4	95	0.00
72	1,2,3-Trichloropropane	0.632	0.666	-5.4	90	0.00
73	Bromobenzene	0.508	0.506	0.4	87	0.00
74	n-propylbenzene	2.610	2.739	-4.9	92	0.00
75	2-Chlorotoluene	1.553	1.648	-6.1	93	0.00
76	1,3,5-Trimethylbenzene	1.828	1.954	-6.9	94	0.00
77	t-1,4-Dichloro-2-butene	0.203	0.203	0.0	91	0.00
78	4-Chlorotoluene	1.489	1.566	-5.2	92	0.00
79	tert-butylbenzene	1.618	1.741	-7.6	94	0.00
80	1,2,4-Trimethylbenzene	1.815	1.984	-9.3	95	0.00
81	sec-Butylbenzene	2.324	2.482	-6.8	92	0.00
82	p-Isopropyltoluene	1.884	2.006	-6.5	92	0.00
83 M	1,3-Dichlorobenzene	0.972	1.011	-4.0	94	0.00
84 M	1,4-Dichlorobenzene	0.948	0.996	-5.1	93	0.00
85	n-Butylbenzene	1.597	1.678	-5.1	94	0.00
86 T	Hexachloroethane	0.365	0.354	3.0	86	0.00
87 M	1,2-Dichlorobenzene	0.977	1.008	-3.2	93	0.00
88	1,2-Dibromo-3-Chloropropane	0.133	0.136	-2.3	87	0.00
89	1,2,4-Trichlorobenzene	0.498	0.480	3.6	91	0.00
90	Hexachlorobutadiene	0.240	0.228	5.0	90	0.00
91 M	Naphthalene	1.602	1.539	3.9	88	0.00
92	1,2,3-Trichlorobenzene	0.506	0.489	3.4	92	0.00

(#) = Out of Range

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