

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN032422\
 Data File : VN071525.D
 Acq On : 24 Mar 2022 17:09
 Operator : JC\MD
 Sample : VSTDCCC020
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_N
 LabSampleId :
 VSTDCCC020

Quant Time: Mar 24 17:27:36 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N032422W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Thu Mar 24 12:03:44 2022
 Response via : Initial Calibration

Min. RRF : 0.050 Min. Rel. Area : 20% Max. R.T. Dev 0.50min
 Max. RRF Dev : 30% 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	1.867	1.953	-4.6	97	0.00
3 M	Chloromethane	2.201	2.283	-3.7	100	0.00
4 M	Vinyl Chloride	2.524	2.533	-0.4	98	0.00
5 M	Bromomethane	1.487	1.608	-8.1	94	-0.01
6 M	Chloroethane	1.616	1.633	-1.1	99	0.00
7 M	Trichlorofluoromethane	2.943	2.920	0.8	97	0.00
8 T	Diethyl Ether	1.236	1.218	1.5	97	0.00
9	1,1,2-Trichlorotrifluoroeth	1.762	1.852	-5.1	101	0.00
10 M	1,1-Dichloroethene	1.738	1.739	-0.1	98	0.00
11	Methyl Iodide	2.547	2.509	1.5	98	0.00
12	Methyl Acetate	2.449	2.437	0.5	98	0.00
13 M	Acrolein	0.261	0.214	18.0	84	0.00
14 M	Acrylonitrile	1.109	1.119	-0.9	101	0.00
15 M	Acetone	0.319	0.293	8.2	86	0.00
16 M	Carbon Disulfide	4.525	4.322	4.5	96	0.00
17	Allyl chloride	2.819	2.718	3.6	96	0.00
18 M	Methylene Chloride	2.085	2.069	0.8	97	0.00
19 M	trans-1,2-Dichloroethene	1.859	1.890	-1.7	101	0.00
20 T	Diisopropyl ether	5.898	6.010	-1.9	99	0.00
21 M	1,1-Dichloroethane	3.561	3.607	-1.3	99	0.00
22 M	cis-1,2-Dichloroethene	2.258	2.255	0.1	98	0.00
23 M	tert-Butyl Alcohol	0.396	0.385	2.8	100	0.00
24 M	Methyl tert-Butyl Ether	6.273	6.337	-1.0	99	0.00
25 M	Chloroform	3.582	3.730	-4.1	101	0.00
26	Cyclohexane	3.078	3.063	0.5	98	0.00
27 s	1,2-Dichloroethane-d4	2.114	2.098	0.8	95	0.00
28 I	1,4-Difluorobenzene	1.000	1.000	0.0	95	0.00
29	1,1-Dichloropropene	0.486	0.494	-1.6	99	0.00
30 M	2-Butanone	0.270	0.264	2.2	94	0.00
31	2,2-Dichloropropane	0.553	0.548	0.9	97	0.00
32 M	1,1,1-Trichloroethane	0.566	0.568	-0.4	98	0.00
33 M	Carbon Tetrachloride	0.479	0.475	0.8	96	0.00
34 M	Benzene	1.509	1.539	-2.0	98	0.00
35	Methacrylonitrile	0.259	0.248	4.2	88	0.00
36 M	1,2-Dichloroethane	0.526	0.542	-3.0	100	0.00
37 M	Trichloroethene	0.389	0.387	0.5	98	0.00
38	Methylcyclohexane	0.612	0.621	-1.5	99	0.00
39 M	1,2-Dichloropropane	0.377	0.380	-0.8	97	0.00
40	Dibromomethane	0.255	0.264	-3.5	100	0.00
41 M	Bromodichloromethane	0.511	0.511	0.0	98	0.00
42 M	Vinyl Acetate	0.926	0.939	-1.4	100	0.00
43	Ethyl Acetate	0.524	0.513	2.1	93	0.00
44	Isopropyl Acetate	0.841	0.830	1.3	99	0.00
45 T	1,4-Dioxane	0.008	0.009#	-12.5	96	0.00
46	Methyl methacrylate	0.369	0.357	3.3	100	0.00
47	n-amyl Acetate	0.561	0.535	4.6	103	0.00
48 M	t-1,3-Dichloropropene	0.556	0.546	1.8	101	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
49 T	cis-1,3-Dichloropropene	0.608	0.604	0.7	99	0.00
50 M	1,1,2-Trichloroethane	0.382	0.398	-4.2	101	0.00
51	Ethyl methacrylate	0.590	0.587	0.5	102	0.00
52	1,3-Dichloropropane	0.652	0.663	-1.7	98	0.00
53 M	Dibromochloromethane	0.395	0.383	3.0	97	0.00
54 M	1,2-Dibromoethane	0.393	0.390	0.8	98	0.00
55 M	2-Chloroethyl vinyl ether	0.159	0.140	11.9	88	0.00
56 M	Bromoform	0.305	0.284	6.9	95	0.00
57 I	Chlorobenzene-d5	1.000	1.000	0.0	97	0.00
58 M	4-Methyl-2-Pentanone	0.569	0.584	-2.6	100	0.00
59 M	2-Hexanone	0.416	0.417	-0.2	98	0.00
60 S	4-Bromofluorobenzene	0.445	0.444	0.2	97	0.00
61 M	Tetrachloroethene	0.365	0.380	-4.1	99	0.00
62 M	Toluene	1.819	1.883	-3.5	99	0.00
63 S	Toluene-d8	1.362	1.397	-2.6	96	0.00
64 M	Chlorobenzene	1.122	1.148	-2.3	101	0.00
65	1,1,1,2-Tetrachloroethane	0.412	0.421	-2.2	99	0.00
66 M	Ethyl Benzene	1.977	2.006	-1.5	101	0.00
67 M	m/p-Xylenes	0.769	0.787	-2.3	100	0.00
68 M	o-Xylene	0.764	0.775	-1.4	100	0.00
69 M	Styrene	1.203	1.175	2.3	99	0.00
70	Isopropylbenzene	1.918	1.953	-1.8	100	0.00
71 M	1,1,2,2-Tetrachloroethane	0.624	0.644	-3.2	98	0.00
72	1,2,3-Trichloropropane	0.536	0.573	-6.9	101	0.00
73	Bromobenzene	0.468	0.472	-0.9	102	0.00
74	n-propylbenzene	2.094	2.115	-1.0	102	0.00
75	2-Chlorotoluene	1.308	1.339	-2.4	101	0.00
76	1,3,5-Trimethylbenzene	1.539	1.582	-2.8	100	0.00
77	t-1,4-Dichloro-2-butene	0.188	0.178	5.3	103	0.00
78	4-Chlorotoluene	1.222	1.215	0.6	101	0.00
79	tert-butylbenzene	1.389	1.407	-1.3	100	0.00
80	1,2,4-Trimethylbenzene	1.493	1.503	-0.7	100	0.00
81	sec-Butylbenzene	1.866	1.894	-1.5	102	0.00
82	p-Isopropyltoluene	1.516	1.511	0.3	102	0.00
83 M	1,3-Dichlorobenzene	0.766	0.773	-0.9	104	0.00
84 M	1,4-Dichlorobenzene	0.731	0.735	-0.5	104	0.00
85	n-Butylbenzene	1.126	1.057	6.1	103	0.00
86 T	Hexachloroethane	0.283	0.279	1.4	100	0.00
87 M	1,2-Dichlorobenzene	0.740	0.766	-3.5	101	0.00
88	1,2-Dibromo-3-Chloropropane	0.111	0.106	4.5	99	0.00
89	1,2,4-Trichlorobenzene	0.342	0.318	7.0	103	0.00
90	Hexachlorobutadiene	0.203	0.222	-9.4	110	0.00
91 M	Naphthalene	0.951	0.793	16.6	100	0.00
92	1,2,3-Trichlorobenzene	0.336	0.314	6.5	103	0.00

(#) = Out of Range

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