

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN053122\
 Data File : VN072654.D
 Acq On : 31 May 2022 16:53
 Operator : JC\MD
 Sample : VSTDCCC020
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_N
 LabSampleId :
 VSTDCCC020

Quant Time: Jun 01 02:41:19 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N052622W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Fri May 27 05:07:24 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	72	0.00
2 M	Dichlorodifluoromethane	2.050	2.394	-16.8	76	0.00
3 M	Chloromethane	2.749	3.142	-14.3	84	0.00
4 M	Vinyl Chloride	2.298	2.458	-7.0	76	0.00
5 M	Bromomethane	1.118	1.083	3.1	75	0.00
6 M	Chloroethane	1.438	1.563	-8.7	74	0.00
7 M	Trichlorofluoromethane	3.293	3.475	-5.5	67	0.00
8 T	Diethyl Ether	1.382	1.629	-17.9	73	0.00
9	1,1,2-Trichlorotrifluoroeth	1.840	1.069	41.9#	36	-0.01
10 M	1,1-Dichloroethene	1.807	2.132	-18.0	72	0.00
11	Methyl Iodide	1.730	1.882	-8.8	69	0.00
12	Methyl Acetate	3.545	4.314	-21.7	80	0.00
13 M	Acrolein	0.406	0.477	-17.5	84	0.00
14 M	Acrylonitrile	1.527	1.853	-21.3	78	0.00
15 M	Acetone	0.393	0.495	-26.0	79	0.00
16 M	Carbon Disulfide	4.955	6.045	-22.0	78	0.00
17	Allyl chloride	3.753	4.595	-22.4	79	0.00
18 M	Methylene Chloride	2.375	2.868	-20.8	73	0.00
19 M	trans-1,2-Dichloroethene	1.976	1.125	43.1#	34	-0.01
20 T	Diisopropyl ether	8.606	9.757	-13.4	77	0.00
21 M	1,1-Dichloroethane	4.381	4.883	-11.5	75	0.00
22 M	cis-1,2-Dichloroethene	2.510	2.672	-6.5	68	0.00
23 M	tert-Butyl Alcohol	0.513	0.551	-7.4	74	0.00
24 M	Methyl tert-Butyl Ether	6.941	8.067	-16.2	74	0.00
25 M	Chloroform	4.451	4.960	-11.4	76	0.00
26	Cyclohexane	4.132	4.271	-3.4	73	0.00
27 s	1,2-Dichloroethane-d4	2.871	3.198	-11.4	83	0.00
28 I	1,4-Difluorobenzene	1.000	1.000	0.0	72	0.00
29	1,1-Dichloropropene	0.567	0.601	-6.0	70	-0.01
30 M	2-Butanone	0.382	0.455	-19.1	76	0.00
31	2,2-Dichloropropane	0.575	0.614	-6.8	68	0.00
32 M	1,1,1-Trichloroethane	0.629	0.677	-7.6	70	0.00
33 M	Carbon Tetrachloride	0.559	0.582	-4.1	69	0.00
34 M	Benzene	1.783	2.058	-15.4	75	0.00
35	Methacrylonitrile	0.390	0.485	-24.4	89	0.00
36 M	1,2-Dichloroethane	0.580	0.705	-21.6	80	0.00
37 M	Trichloroethene	0.424	0.443	-4.5	69	0.00
38	Methylcyclohexane	0.701	0.770	-9.8	75	0.00
39 M	1,2-Dichloropropane	0.476	0.550	-15.5	76	0.00
40	Dibromomethane	0.302	0.337	-11.6	74	0.00
41 M	Bromodichloromethane	0.605	0.677	-11.9	74	0.00
42 M	Vinyl Acetate	1.247	1.480	-18.7	77	0.00
43	Ethyl Acetate	0.733	0.936	-27.7	85	0.00
44	Isopropyl Acetate	1.142	1.342	-17.5	78	0.00
45 T	1,4-Dioxane	0.010	0.011#	-10.0	79	0.00
46	Methyl methacrylate	0.538	0.611	-13.6	80	0.00
47	n-amyl Acetate	0.832	1.011	-21.5	84	0.00
48 M	t-1,3-Dichloropropene	0.653	0.739	-13.2	78	0.00

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49 T	cis-1,3-Dichloropropene	0.719	0.755	-5.0	69	0.00
50 M	1,1,2-Trichloroethane	0.443	0.482	-8.8	70	0.00
51	Ethyl methacrylate	0.748	0.805	-7.6	72	0.00
52	1,3-Dichloropropane	0.782	0.888	-13.6	74	0.00
53 M	Dibromochloromethane	0.456	0.517	-13.4	75	0.00
54 M	1,2-Dibromoethane	0.455	0.531	-16.7	76	0.00
55 M	2-Chloroethyl vinyl ether	0.327	0.375	-14.7	84	0.00
56 M	Bromoform	0.329	0.406	-23.4	81	0.00
57 I	Chlorobenzene-d5	1.000	1.000	0.0	81	0.00
58 M	4-Methyl-2-Pentanone	0.867	0.885	-2.1	79	0.00
59 M	2-Hexanone	0.618	0.688	-11.3	86	0.00
60 S	4-Bromofluorobenzene	0.527	0.537	-1.9	83	0.00
61 M	Tetrachloroethene	0.397	0.375	5.5	70	0.00
62 M	Toluene	2.106	2.182	-3.6	77	0.00
63 S	Toluene-d8	1.706	1.649	3.3	77	0.00
64 M	Chlorobenzene	1.224	1.280	-4.6	79	0.00
65	1,1,1,2-Tetrachloroethane	0.482	0.510	-5.8	81	0.00
66 M	Ethyl Benzene	2.323	2.339	-0.7	79	0.00
67 M	m/p-Xylenes	0.844	0.899	-6.5	80	0.00
68 M	o-Xylene	0.840	0.854	-1.7	77	0.00
69 M	Styrene	1.331	1.411	-6.0	82	0.00
70	Isopropylbenzene	2.146	2.280	-6.2	80	0.00
71 M	1,1,2,2-Tetrachloroethane	0.737	0.823	-11.7	83	0.00
72	1,2,3-Trichloropropane	0.622	0.624	-0.3	73	0.00
73	Bromobenzene	0.472	0.511	-8.3	82	0.00
74	n-propylbenzene	2.427	2.625	-8.2	84	0.00
75	2-Chlorotoluene	1.472	1.568	-6.5	83	0.00
76	1,3,5-Trimethylbenzene	1.694	1.826	-7.8	83	0.00
77	t-1,4-Dichloro-2-butene	0.243	0.257	-5.8	84	0.00
78	4-Chlorotoluene	1.340	1.468	-9.6	84	0.00
79	tert-butylbenzene	1.482	1.597	-7.8	80	0.00
80	1,2,4-Trimethylbenzene	1.635	1.778	-8.7	82	0.00
81	sec-Butylbenzene	2.144	2.276	-6.2	85	0.00
82	p-Isopropyltoluene	1.662	1.794	-7.9	86	0.00
83 M	1,3-Dichlorobenzene	0.818	0.849	-3.8	83	0.00
84 M	1,4-Dichlorobenzene	0.795	0.824	-3.6	83	0.00
85	n-Butylbenzene	1.366	1.427	-4.5	89	0.00
86 T	Hexachloroethane	0.331	0.371	-12.1	89	0.00
87 M	1,2-Dichlorobenzene	0.808	0.868	-7.4	82	0.00
88	1,2-Dibromo-3-Chloropropane	0.143	0.162	-13.3	92	0.00
89	1,2,4-Trichlorobenzene	0.399	0.426	-6.8	87	0.00
90	Hexachlorobutadiene	0.200	0.220	-10.0	83	0.00
91 M	Naphthalene	1.399	1.446	-3.4	88	0.00
92	1,2,3-Trichlorobenzene	0.407	0.445	-9.3	88	0.00

(#) = Out of Range

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