

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN050721\
 Data File : VN067045.D
 Acq On : 7 May 2021 6:22
 Operator : JC/MD
 Sample : VSTDCCC020
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 50 Sample Multiplier: 1

Instrument :
 MSVOA_N
 LabSampleId :
 VSTDCCC020

Quant Time: May 07 07:34:54 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N050721W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Fri May 07 07:26:20 2021
 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	98	0.00
2 M	Dichlorodifluoromethane	2.052	1.787	12.9	86	0.00
3 M	Chloromethane	3.130	2.698	13.8	90	0.00
4 M	Vinyl Chloride	3.027	2.571	15.1	90	0.00
5 M	Bromomethane	1.689	1.053	37.7#	67	0.04
6 M	Chloroethane	1.744	1.539	11.8	95	0.02
7 M	Trichlorofluoromethane	3.676	3.082	16.2	87	0.01
8 T	Diethyl Ether	1.242	1.065	14.3	94	0.00
9	1,1,2-Trichlorotrifluoroeth	1.779	1.495	16.0	88	0.00
10 M	1,1-Dichloroethene	1.708	1.446	15.3	90	0.01
11	Methyl Iodide	2.323	1.245	46.4#	57	0.00
12	Methyl Acetate	2.427	1.919	20.9	87	0.00
13 M	Acrolein	0.397	0.143	64.0#	40	0.00
14 M	Acrylonitrile	0.960	0.816	15.0	91	0.00
15 M	Acetone	0.279	0.241	13.6	93	0.00
16 M	Carbon Disulfide	5.650	4.772	15.5	89	0.00
17	Allyl chloride	3.335	2.355	29.4	81	0.00
18 M	Methylene Chloride	2.318	1.897	18.2	88	0.00
19 M	trans-1,2-Dichloroethene	1.880	1.578	16.1	89	0.00
20 T	Diisopropyl ether	6.156	5.231	15.0	89	0.00
21 M	1,1-Dichloroethane	4.093	3.501	14.5	91	0.00
22 M	cis-1,2-Dichloroethene	2.156	1.770	17.9	87	0.00
23 M	tert-Butyl Alcohol	0.382	0.290	24.1	85	0.00
24 M	Methyl tert-Butyl Ether	5.660	4.677	17.4	88	0.00
25 M	Chloroform	3.949	3.371	14.6	92	0.00
26	Cyclohexane	2.844	2.266	20.3	85	0.00
27 s	1,2-Dichloroethane-d4	2.629	2.590	1.5	95	0.00
28 I	1,4-Difluorobenzene	1.000	1.000	0.0	93	0.00
29	1,1-Dichloropropene	0.525	0.462	12.0	88	0.00
30 M	2-Butanone	0.252	0.230	8.7	93	0.00
31	2,2-Dichloropropane	0.633	0.396	37.4#	64	0.00
32 M	1,1,1-Trichloroethane	0.681	0.618	9.3	92	0.00
33 M	Carbon Tetrachloride	0.593	0.533	10.1	91	0.00
34 M	Benzene	1.701	1.504	11.6	89	0.00
35	Methacrylonitrile	0.235	0.186	20.9	81	0.00
36 M	1,2-Dichloroethane	0.634	0.574	9.5	91	0.00
37 M	Trichloroethene	0.368	0.337	8.4	93	0.00
38	Methylcyclohexane	0.522	0.427	18.2	85	0.00
39 M	1,2-Dichloropropane	0.472	0.419	11.2	89	0.00
40	Dibromomethane	0.292	0.267	8.6	93	0.00
41 M	Bromodichloromethane	0.616	0.552	10.4	93	0.00
42 M	Vinyl Acetate	1.084	0.953	12.1	88	0.00
43	Ethyl Acetate	0.593	0.492	17.0	80	0.00
44	Isopropyl Acetate	0.900	0.791	12.1	90	0.00
45 T	1,4-Dioxane	0.006	0.004#	33.3#	74	0.00
46	Methyl methacrylate	0.379	0.318	16.1	88	0.00
47	n-amyl Acetate	0.204	0.000#	100.0#	0#	-11.79#
48 M	t-1,3-Dichloropropene	0.631	0.518	17.9	84	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
49 T	cis-1,3-Dichloropropene	0.692	0.581	16.0	85	0.00
50 M	1,1,2-Trichloroethane	0.404	0.365	9.7	92	0.00
51	Ethyl methacrylate	0.527	0.416	21.1	83	0.00
52	1,3-Dichloropropane	0.701	0.630	10.1	92	0.00
53 M	Dibromochloromethane	0.444	0.403	9.2	93	0.00
54 M	1,2-Dibromoethane	0.386	0.361	6.5	94	0.00
55 M	2-Chloroethyl vinyl ether	0.101	0.212	-109.9#	227#	0.00
56 M	Bromoform	0.295	0.256	13.2	92	0.00
57 I	Chlorobenzene-d5	1.000	1.000	0.0	95	0.00
58 M	4-Methyl-2-Pentanone	0.562	0.505	10.1	92	0.00
59 M	2-Hexanone	0.331	0.297	10.3	93	0.00
60 S	4-Bromofluorobenzene	0.499	0.493	1.2	93	0.00
61 M	Tetrachloroethene	0.340	0.327	3.8	99	0.00
62 M	Toluene	1.851	1.618	12.6	91	0.00
63 S	Toluene-d8	1.486	1.484	0.1	94	0.00
64 M	Chlorobenzene	1.081	0.937	13.3	90	0.00
65	1,1,1,2-Tetrachloroethane	0.431	0.379	12.1	92	0.00
66 M	Ethyl Benzene	1.879	1.624	13.6	90	0.00
67 M	m/p-Xylenes	0.706	0.625	11.5	92	0.00
68 M	o-Xylene	0.696	0.593	14.8	90	0.00
69 M	Styrene	1.070	0.896	16.3	87	0.00
70	Isopropylbenzene	1.806	1.573	12.9	91	0.00
71 M	1,1,2,2-Tetrachloroethane	0.657	0.600	8.7	91	0.00
72	1,2,3-Trichloropropane	0.596	0.519	12.9	88	0.00
73	Bromobenzene	0.436	0.384	11.9	91	0.00
74	n-propylbenzene	2.070	1.907	7.9	95	0.00
75	2-Chlorotoluene	1.330	1.192	10.4	90	0.00
76	1,3,5-Trimethylbenzene	1.596	1.389	13.0	90	0.00
77	t-1,4-Dichloro-2-butene	0.133	0.084	36.8#	68	0.00
78	4-Chlorotoluene	1.194	1.140	4.5	93	0.00
79	tert-butylbenzene	1.352	1.171	13.4	91	0.00
80	1,2,4-Trimethylbenzene	1.496	1.329	11.2	92	0.00
81	sec-Butylbenzene	1.788	1.595	10.8	94	0.00
82	p-Isopropyltoluene	1.422	1.318	7.3	98	0.00
83 M	1,3-Dichlorobenzene	0.724	0.688	5.0	101	0.00
84 M	1,4-Dichlorobenzene	0.749	0.630	15.9	98	0.00
85	n-Butylbenzene	1.145	1.027	10.3	102	0.00
86 T	Hexachloroethane	0.315	0.227	27.9	78	0.00
87 M	1,2-Dichlorobenzene	0.750	0.713	4.9	99	0.00
88	1,2-Dibromo-3-Chloropropane	0.127	0.102	19.7	102	0.00
89	1,2,4-Trichlorobenzene	0.379	0.358	5.5	107	0.00
90	Hexachlorobutadiene	0.256	0.237	7.4	102	0.00
91 M	Naphthalene	1.038	1.087	-4.7	116	0.00
92	1,2,3-Trichlorobenzene	0.397	0.376	5.3	104	0.00

(#) = Out of Range

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