

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN121520\
 Data File : VN065154.D
 Acq On : 15 Dec 2020 20:09
 Operator : JC/MD
 Sample : VSTDCCC020
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_N
 LabSampleId :
 VSTDCCC020

Quant Time: Dec 16 07:19:41 2020
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N121520W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Tue Dec 15 15:18:54 2020
 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	1.701	1.098	35.4#	68	0.00
3 M	Chloromethane	1.959	1.074	45.2#	57	0.00
4 M	Vinyl Chloride	2.158	1.639	24.1	85	0.00
5 M	Bromomethane	1.515	1.272	16.0	107	0.00
6 M	Chloroethane	1.286	1.169	9.1	113	0.00
7 M	Trichlorofluoromethane	3.193	2.391	25.1	89	0.00
8 T	Diethyl Ether	1.020	0.532	47.8#	56	0.00
9	1,1,2-Trichlorotrifluoroeth	1.648	0.919	44.2#	59	0.00
10 M	1,1-Dichloroethene	1.599	0.863	46.0#	58	0.00
11	Methyl Iodide	2.223	1.172	47.3#	57	0.00
12	Methyl Acetate	1.455	0.830	43.0#	61	0.00
13 M	Acrolein	0.206	0.099	51.9#	52	0.00
14 M	Acrylonitrile	0.713	0.378	47.0#	56	0.00
15 M	Acetone	0.224	0.097	56.7#	41	0.00
16 M	Carbon Disulfide	4.704	2.373	49.6#	53	0.00
17	Allyl chloride	2.316	1.275	44.9#	65	0.00
18 M	Methylene Chloride	1.881	1.001	46.8#	55	0.00
19 M	trans-1,2-Dichloroethene	1.737	0.950	45.3#	58	0.00
20 T	Diisopropyl ether	5.713	3.082	46.1#	63	0.00
21 M	1,1-Dichloroethane	3.447	1.787	48.2#	60	0.00
22 M	cis-1,2-Dichloroethene	1.958	1.414	27.8	76	0.00
23 M	tert-Butyl Alcohol	0.231	0.134	42.0#	66	0.00
24 M	Methyl tert-Butyl Ether	4.844	2.788	42.4#	63	0.00
25 M	Chloroform	3.258	2.973	8.7	97	0.00
26	Cyclohexane	2.519	2.318	8.0	98	0.00
27 s	1,2-Dichloroethane-d4	2.054	2.011	2.1	100	0.00
28 I	1,4-Difluorobenzene	1.000	1.000	0.0	94	0.00
29	1,1-Dichloropropene	0.472	0.444	5.9	97	0.00
30 M	2-Butanone	0.183	0.142	22.4	77	0.00
31	2,2-Dichloropropane	0.523	0.409	21.8	82	0.00
32 M	1,1,1-Trichloroethane	0.561	0.528	5.9	98	0.00
33 M	Carbon Tetrachloride	0.507	0.471	7.1	96	0.00
34 M	Benzene	1.427	1.381	3.2	96	0.00
35	Methacrylonitrile	0.179	0.174	2.8	94	0.00
36 M	1,2-Dichloroethane	0.489	0.461	5.7	98	0.00
37 M	Trichloroethene	0.389	0.346	11.1	90	0.00
38	Methylcyclohexane	0.563	0.293	48.0#	59	0.00
39 M	1,2-Dichloropropane	0.383	0.223	41.8#	60	0.00
40	Dibromomethane	0.269	0.164	39.0#	67	0.00
41 M	Bromodichloromethane	0.546	0.329	39.7#	68	0.00
42 M	Vinyl Acetate	0.871	0.493	43.4#	64	0.00
43	Ethyl Acetate	0.377	0.362	4.0	93	0.00
44	Isopropyl Acetate	0.630	0.598	5.1	99	0.00
45 T	1,4-Dioxane	0.006	0.003#	50.0#	62	0.00
46	Methyl methacrylate	0.320	0.189	40.9#	68	0.00
47	n-amyl Acetate	0.521	0.326	37.4#	69	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
48 M	t-1,3-Dichloropropene	0.534	0.340	36.3#	68	0.00
49 T	cis-1,3-Dichloropropene	0.606	0.350	42.2#	62	0.00
50 M	1,1,2-Trichloroethane	0.349	0.224	35.8#	64	0.00
51	Ethyl methacrylate	0.467	0.271	42.0#	62	0.00
52	1,3-Dichloropropane	0.578	0.359	37.9#	63	0.00
53 M	Dibromochloromethane	0.404	0.254	37.1#	66	0.00
54 M	1,2-Dibromoethane	0.364	0.226	37.9#	64	0.00
55 M	2-Chloroethyl vinyl ether	0.236	0.132	44.1#	60	0.00
56 M	Bromoform	0.275	0.165	40.0#	62	0.00
57 I	Chlorobenzene-d5	1.000	1.000	0.0	62	0.00
58 M	4-Methyl-2-Pentanone	0.437	0.403	7.8	66	0.00
59 M	2-Hexanone	0.290	0.287	1.0	67	0.00
60 S	4-Bromofluorobenzene	0.471	0.488	-3.6	67	0.00
61 M	Tetrachloroethene	0.436	0.422	3.2	62	0.00
62 M	Toluene	1.662	1.583	4.8	63	0.00
63 S	Toluene-d8	1.448	1.428	1.4	63	0.00
64 M	Chlorobenzene	1.036	0.976	5.8	63	0.00
65	1,1,1,2-Tetrachloroethane	0.393	0.387	1.5	66	0.00
66 M	Ethyl Benzene	1.761	1.644	6.6	64	0.00
67 M	m/p-Xylenes	0.686	0.642	6.4	64	0.00
68 M	o-Xylene	0.649	0.611	5.9	64	0.00
69 M	Styrene	1.079	0.974	9.7	63	0.00
70	Isopropylbenzene	1.694	1.624	4.1	65	0.00
71 M	1,1,2,2-Tetrachloroethane	0.491	0.468	4.7	64	0.00
72	1,2,3-Trichloropropane	0.470	0.426	9.4	58	0.00
73	Bromobenzene	0.440	0.403	8.4	62	0.00
74	n-propylbenzene	1.933	1.871	3.2	66	0.00
75	2-Chlorotoluene	1.176	1.151	2.1	66	0.00
76	1,3,5-Trimethylbenzene	1.462	1.435	1.8	66	0.00
77	t-1,4-Dichloro-2-butene	0.166	0.139	16.3	59	0.00
78	4-Chlorotoluene	1.201	1.143	4.8	66	0.00
79	tert-butylbenzene	1.227	1.162	5.3	65	0.00
80	1,2,4-Trimethylbenzene	1.450	1.405	3.1	66	0.00
81	sec-Butylbenzene	1.592	1.518	4.6	66	0.00
82	p-Isopropyltoluene	1.496	1.391	7.0	68	0.00
83 M	1,3-Dichlorobenzene	0.784	0.714	8.9	65	0.00
84 M	1,4-Dichlorobenzene	0.821	0.696	15.2	66	0.00
85	n-Butylbenzene	1.320	1.120	15.2	68	0.00
86 T	Hexachloroethane	0.288	0.304	-5.6	83	0.00
87 M	1,2-Dichlorobenzene	0.813	0.700	13.9	64	0.00
88	1,2-Dibromo-3-Chloropropane	0.096	0.114	-18.8	94	0.00
89	1,2,4-Trichlorobenzene	0.366	0.420	-14.8	97	0.00
90	Hexachlorobutadiene	0.231	0.305	-32.0#	103	0.00
91 M	Naphthalene	1.033	1.151	-11.4	98	0.00
92	1,2,3-Trichlorobenzene	0.345	0.421	-22.0	103	0.00

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Compound	AvgRF	CCRF	%Dev Area	% Dev(min)

(#)= Out of Range				
SPCC's out = 0 CCC's out = 0				