

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN122120\
 Data File : VN065190.D
 Acq On : 21 Dec 2020 19:05
 Operator : JC/MD
 Sample : VSTDCCC020
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_N
 LabSampleId :
 VSTDCCC020

Quant Time: Dec 22 05:39:41 2020
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N122120w.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Mon Dec 21 13:17:58 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	93	0.00
2 M	Dichlorodifluoromethane	1.586	1.439	9.3	103	0.00
3 M	Chloromethane	1.860	1.699	8.7	95	0.00
4 M	Vinyl Chloride	1.955	1.776	9.2	93	0.00
5 M	Bromomethane	1.411	1.313	6.9	98	0.00
6 M	Chloroethane	1.249	1.172	6.2	98	0.00
7 M	Trichlorofluoromethane	2.839	2.611	8.0	94	0.00
8 T	Diethyl Ether	1.035	0.962	7.1	96	0.00
9	1,1,2-Trichlorotrifluoroeth	1.576	1.410	10.5	88	0.00
10 M	1,1-Dichloroethene	1.598	1.462	8.5	93	0.00
11	Methyl Iodide	2.370	2.158	8.9	97	0.00
12	Methyl Acetate	1.658	1.587	4.3	100	0.00
13 M	Acrolein	0.226	0.200	11.5	102	0.00
14 M	Acrylonitrile	0.774	0.741	4.3	99	0.00
15 M	Acetone	0.245	0.183	25.3	66	0.00
16 M	Carbon Disulfide	4.615	4.099	11.2	92	0.00
17	Allyl chloride	2.823	2.603	7.8	94	0.00
18 M	Methylene Chloride	1.831	1.655	9.6	94	0.00
19 M	trans-1,2-Dichloroethene	1.755	1.569	10.6	92	0.00
20 T	Diisopropyl ether	5.658	5.231	7.5	95	0.00
21 M	1,1-Dichloroethane	3.177	2.937	7.6	95	0.00
22 M	cis-1,2-Dichloroethene	2.018	1.850	8.3	94	0.00
23 M	tert-Butyl Alcohol	0.329	0.313	4.9	98	0.00
24 M	Methyl tert-Butyl Ether	5.581	5.223	6.4	96	0.00
25 M	Chloroform	3.278	3.004	8.4	93	0.00
26	Cyclohexane	2.806	2.513	10.4	90	0.00
27 s	1,2-Dichloroethane-d4	2.177	2.174	0.1	92	0.00
28 I	1,4-Difluorobenzene	1.000	1.000	0.0	90	0.00
29	1,1-Dichloropropene	0.443	0.402	9.3	91	0.00
30 M	2-Butanone	0.202	0.186	7.9	88	0.00
31	2,2-Dichloropropane	0.543	0.475	12.5	86	0.00
32 M	1,1,1-Trichloroethane	0.534	0.506	5.2	95	0.00
33 M	Carbon Tetrachloride	0.470	0.435	7.4	93	0.00
34 M	Benzene	1.306	1.210	7.4	93	0.00
35	Methacrylonitrile	0.187	0.216	-15.5	110	0.01
36 M	1,2-Dichloroethane	0.484	0.450	7.0	93	0.00
37 M	Trichloroethene	0.374	0.349	6.7	94	0.00
38	Methylcyclohexane	0.544	0.486	10.7	89	0.00
39 M	1,2-Dichloropropane	0.341	0.317	7.0	93	0.00
40	Dibromomethane	0.230	0.215	6.5	94	0.00
41 M	Bromodichloromethane	0.489	0.452	7.6	94	0.00
42 M	Vinyl Acetate	0.875	0.831	5.0	94	0.00
43	Ethyl Acetate	0.397	0.411	-3.5	102	0.00
44	Isopropyl Acetate	0.748	0.718	4.0	97	0.00
45 T	1,4-Dioxane	0.006	0.005#	16.7	100	0.00
46	Methyl methacrylate	0.355	0.338	4.8	96	0.00
47	n-aryl Acetate	0.628	0.563	10.4	93	0.00
48 M	t-1,3-Dichloropropene	0.550	0.501	8.9	93	0.00
49 T	cis-1,3-Dichloropropene	0.581	0.532	8.4	93	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
50 M	1,1,2-Trichloroethane	0.324	0.309	4.6	95	0.00
51	Ethyl methacrylate	0.506	0.471	6.9	96	0.00
52	1,3-Dichloropropane	0.540	0.505	6.5	95	0.00
53 M	Dibromochloromethane	0.387	0.371	4.1	98	0.00
54 M	1,2-Dibromoethane	0.347	0.326	6.1	96	0.00
55 M	2-Chloroethyl vinyl ether	0.250	0.207	17.2	97	0.00
56 M	Bromoform	0.299	0.284	5.0	98	0.00
57 I	Chlorobenzene-d5	1.000	1.000	0.0	90	0.00
58 M	4-Methyl-2-Pentanone	0.458	0.459	-0.2	100	0.00
59 M	2-Hexanone	0.338	0.326	3.6	96	0.00
60 S	4-Bromofluorobenzene	0.477	0.469	1.7	91	0.00
61 M	Tetrachloroethene	0.450	0.438	2.7	94	0.00
62 M	Toluene	1.595	1.501	5.9	94	0.00
63 S	Toluene-d8	1.331	1.330	0.1	90	0.00
64 M	Chlorobenzene	0.984	0.917	6.8	94	0.00
65	1,1,1,2-Tetrachloroethane	0.389	0.364	6.4	94	0.00
66 M	Ethyl Benzene	1.780	1.659	6.8	94	0.00
67 M	m/p-Xylenes	0.672	0.614	8.6	92	0.00
68 M	o-Xylene	0.649	0.605	6.8	95	0.00
69 M	Styrene	1.090	0.985	9.6	93	0.00
70	Isopropylbenzene	1.732	1.618	6.6	95	0.00
71 M	1,1,2,2-Tetrachloroethane	0.469	0.444	5.3	97	0.00
72	1,2,3-Trichloropropane	0.478	0.453	5.2	91	0.00
73	Bromobenzene	0.452	0.422	6.6	96	0.00
74	n-propylbenzene	1.967	1.765	10.3	92	0.00
75	2-Chlorotoluene	1.164	1.070	8.1	95	0.00
76	1,3,5-Trimethylbenzene	1.478	1.355	8.3	93	0.00
77	t-1,4-Dichloro-2-butene	0.188	0.169	10.1	93	0.00
78	4-Chlorotoluene	1.180	1.055	10.6	94	0.00
79	tert-butylbenzene	1.260	1.153	8.5	92	0.00
80	1,2,4-Trimethylbenzene	1.462	1.347	7.9	94	0.00
81	sec-Butylbenzene	1.654	1.492	9.8	93	0.00
82	p-Isopropyltoluene	1.527	1.389	9.0	94	0.00
83 M	1,3-Dichlorobenzene	0.748	0.668	10.7	94	0.00
84 M	1,4-Dichlorobenzene	0.745	0.657	11.8	93	0.00
85	n-Butylbenzene	1.308	1.156	11.6	91	0.00
86 T	Hexachloroethane	0.277	0.248	10.5	93	0.00
87 M	1,2-Dichlorobenzene	0.725	0.671	7.4	96	0.00
88	1,2-Dibromo-3-Chloropropane	0.098	0.089	9.2	95	0.00
89	1,2,4-Trichlorobenzene	0.389	0.329	15.4	94	0.00
90	Hexachlorobutadiene	0.258	0.246	4.7	95	0.00
91 M	Naphthalene	1.040	0.899	13.6	97	0.00
92	1,2,3-Trichlorobenzene	0.365	0.319	12.6	96	0.00

(#) = Out of Range

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