

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN102220\
 Data File : VN064252.D
 Acq On : 22 Oct 2020 14:35
 Operator : JC/MD
 Sample : VSTDCCC020
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_N
 LabSampleId :
 VSTDCCC020

Quant Time: Oct 23 01:18:43 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA N\METHODS\624N102020W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Thu Oct 22 16:07:21 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	AvqRF	CCRF	%Dev	Area%	Dev(min)
1 I	Bromochloromethane	1.000	1.000	0.0	86	0.00
2 M	Dichlorodifluoromethane	2.058	2.427	-17.9	107	0.00
3 M	Chloromethane	2.109	2.314	-9.7	101	0.00
4 M	Vinyl Chloride	2.075	2.225	-7.2	98	0.00
5 M	Bromomethane	1.241	1.510	-21.7	116	0.00
6 M	Chloroethane	1.209	1.312	-8.5	101	0.00
7 M	Trichlorofluoromethane	3.331	3.859	-15.9	102	0.00
8 T	Diethyl Ether	1.131	1.220	-7.9	103	0.00
9	1,1,2-Trichlorotrifluoroeth	1.758	1.905	-8.4	100	0.00
10 M	1,1-Dichloroethene	1.712	1.734	-1.3	97	0.00
11	Methyl Iodide	2.467	2.475	-0.3	100	0.00
12	Methyl Acetate	1.804	2.168	-20.2	118	0.00
13 M	Acrolein	0.197	0.239	-21.3	137	0.00
14 M	Acrylonitrile	0.727	0.800	-10.0	109	0.00
15 M	Acetone	0.196	0.230	-17.3	121	0.00
16 M	Carbon Disulfide	4.895	5.088	-3.9	99	0.00
17	Allyl chloride	3.183	3.495	-9.8	106	0.00
18 M	Methylene Chloride	1.958	2.081	-6.3	106	0.00
19 M	trans-1,2-Dichloroethene	1.847	1.957	-6.0	102	0.00
20 T	Diisopropyl ether	5.882	6.502	-10.5	106	0.00
21 M	1,1-Dichloroethane	3.591	3.927	-9.4	105	0.00
22 M	cis-1,2-Dichloroethene	2.159	2.317	-7.3	103	0.00
23 M	tert-Butyl Alcohol	0.336	0.382	-13.7	118	0.00
24 M	Methyl tert-Butyl Ether	5.657	6.356	-12.4	108	0.00
25 M	Chloroform	3.731	4.247	-13.8	110	0.00
26	Cyclohexane	2.847	2.842	0.2	98	0.00
27 s	1,2-Dichloroethane-d4	2.456	2.756	-12.2	93	0.00
28 I	1,4-Difluorobenzene	1.000	1.000	0.0	88	0.00
29	1,1-Dichloropropene	0.498	0.521	-4.6	103	0.00
30 M	2-Butanone	0.205	0.220	-7.3	113	0.00
31	2,2-Dichloropropane	0.633	0.637	-0.6	100	0.00
32 M	1,1,1-Trichloroethane	0.635	0.681	-7.2	108	0.00
33 M	Carbon Tetrachloride	0.579	0.599	-3.5	104	0.00
34 M	Benzene	1.387	1.434	-3.4	105	0.00
35	Methacrylonitrile	0.225	0.233	-3.6	111	0.00
36 M	1,2-Dichloroethane	0.561	0.621	-10.7	111	0.00
37 M	Trichloroethene	0.382	0.392	-2.6	104	0.00
38	Methylcyclohexane	0.477	0.455	4.6	98	0.00
39 M	1,2-Dichloropropane	0.370	0.387	-4.6	105	0.00
40	Dibromomethane	0.258	0.265	-2.7	105	0.00
41 M	Bromodichloromethane	0.558	0.581	-4.1	106	0.00
42 M	Vinyl Acetate	0.975	1.019	-4.5	106	0.00
43	Ethyl Acetate	0.449	0.462	-2.9	107	0.00
44	Isopropyl Acetate	0.861	0.900	-4.5	106	0.00
45 T	1,4-Dioxane	0.005	0.005#	0.0	119	0.00

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	Compound	AvqRF	CCRF	%Dev	Area%	Dev(min)
46	Methyl methacrylate	0.409	0.440	-7.6	109	0.00
47	n-amyl Acetate	0.764	0.741	3.0	104	0.00
48 M	t-1,3-Dichloropropene	0.629	0.656	-4.3	107	0.00
49 T	cis-1,3-Dichloropropene	0.650	0.659	-1.4	105	0.00
50 M	1,1,2-Trichloroethane	0.345	0.356	-3.2	104	0.00
51	Ethyl methacrylate	0.546	0.549	-0.5	104	0.00
52	1,3-Dichloropropane	0.595	0.629	-5.7	108	0.00
53 M	Dibromochloromethane	0.434	0.451	-3.9	107	0.00
54 M	1,2-Dibromoethane	0.367	0.381	-3.8	106	0.00
55 M	2-Chloroethyl vinyl ether	0.268	0.242	9.7	88	0.00
56 M	Bromoform	0.303	0.298	1.7	102	0.00
57 I	Chlorobenzene-d5	1.000	1.000	0.0	88	0.00
58 M	4-Methyl-2-Pentanone	0.508	0.547	-7.7	110	0.00
59 M	2-Hexanone	0.377	0.399	-5.8	108	0.00
60 S	4-Bromofluorobenzene	0.538	0.539	-0.2	87	0.00
61 M	Tetrachloroethene	0.404	0.437	-8.2	109	0.00
62 M	Toluene	1.715	1.798	-4.8	105	0.00
63 S	Toluene-d8	1.358	1.353	0.4	87	0.00
64 M	Chlorobenzene	1.068	1.106	-3.6	104	0.00
65	1,1,1,2-Tetrachloroethane	0.418	0.442	-5.7	107	0.00
66 M	Ethyl Benzene	1.972	2.073	-5.1	105	0.00
67 M	m/p-Xylenes	0.733	0.748	-2.0	103	0.00
68 M	o-Xylene	0.712	0.743	-4.4	108	0.00
69 M	Styrene	1.204	1.226	-1.8	105	0.00
70	Isopropylbenzene	1.879	1.971	-4.9	106	0.00
71 M	1,1,2,2-Tetrachloroethane	0.515	0.527	-2.3	105	0.00
72	1,2,3-Trichloropropane	0.537	0.529	1.5	103	0.00
73	Bromobenzene	0.453	0.474	-4.6	103	0.00
74	n-propylbenzene	2.145	2.230	-4.0	105	0.00
75	2-Chlorotoluene	1.328	1.404	-5.7	108	0.00
76	1,3,5-Trimethylbenzene	1.599	1.668	-4.3	106	0.00
77	t-1,4-Dichloro-2-butene	0.210	0.207	1.4	102	0.00
78	4-Chlorotoluene	1.389	1.459	-5.0	108	0.00
79	tert-butylbenzene	1.307	1.378	-5.4	107	0.00
80	1,2,4-Trimethylbenzene	1.623	1.691	-4.2	105	0.00
81	sec-Butylbenzene	1.701	1.713	-0.7	101	0.00
82	p-Isopropyltoluene	1.574	1.621	-3.0	104	0.00
83 M	1,3-Dichlorobenzene	0.812	0.830	-2.2	106	0.00
84 M	1,4-Dichlorobenzene	0.813	0.826	-1.6	103	0.00
85	n-Butylbenzene	1.398	1.374	1.7	101	0.00
86 T	Hexachloroethane	0.271	0.274	-1.1	102	0.00
87 M	1,2-Dichlorobenzene	0.792	0.812	-2.5	108	0.00
88	1,2-Dibromo-3-Chloropropane	0.130	0.130	0.0	106	0.00
89	1,2,4-Trichlorobenzene	0.476	0.452	5.0	96	0.00
90	Hexachlorobutadiene	0.241	0.232	3.7	98	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
91 M	Naphthalene	1.442	1.395	3.3	101	0.00
92	1,2,3-Trichlorobenzene	0.455	0.444	2.4	101	0.00

(#) = Out of Range

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