

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN102220\
 Data File : VN064277.D
 Acq On : 23 Oct 2020 1:58
 Operator : JC/MD
 Sample : VSTDCCC020
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_N
 LabSampleId :
 VSTDCCC020

Quant Time: Oct 23 05:06:03 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	2.223	-8.0	97	0.00
3 M	Chloromethane	2.109	2.142	-1.6	93	0.00
4 M	Vinyl Chloride	2.075	2.158	-4.0	95	0.00
5 M	Bromomethane	1.241	1.333	-7.4	101	0.00
6 M	Chloroethane	1.209	1.272	-5.2	97	0.00
7 M	Trichlorofluoromethane	3.331	3.579	-7.4	94	0.00
8 T	Diethyl Ether	1.131	1.119	1.1	94	0.00
9	1,1,2-Trichlorotrifluoroeth	1.758	1.812	-3.1	95	0.00
10 M	1,1-Dichloroethene	1.712	1.712	0.0	95	0.00
11	Methyl Iodide	2.467	2.368	4.0	95	0.00
12	Methyl Acetate	1.804	2.153	-19.3	117	0.00
13 M	Acrolein	0.197	0.276	-40.1#	158#	0.00
14 M	Acrylonitrile	0.727	0.759	-4.4	103	0.00
15 M	Acetone	0.196	0.215	-9.7	113	0.00
16 M	Carbon Disulfide	4.895	4.658	4.8	90	0.00
17	Allyl chloride	3.183	3.330	-4.6	100	0.00
18 M	Methylene Chloride	1.958	2.001	-2.2	101	0.00
19 M	trans-1,2-Dichloroethene	1.847	1.844	0.2	95	0.00
20 T	Diisopropyl ether	5.882	6.212	-5.6	101	0.00
21 M	1,1-Dichloroethane	3.591	3.834	-6.8	102	0.00
22 M	cis-1,2-Dichloroethene	2.159	2.207	-2.2	97	0.00
23 M	tert-Butyl Alcohol	0.336	0.352	-4.8	108	0.02
24 M	Methyl tert-Butyl Ether	5.657	5.943	-5.1	100	0.00
25 M	Chloroform	3.731	3.941	-5.6	102	0.00
26	Cyclohexane	2.847	2.746	3.5	94	0.00
27 s	1,2-Dichloroethane-d4	2.456	2.731	-11.2	92	0.00
28 I	1,4-Difluorobenzene	1.000	1.000	0.0	86	0.00
29	1,1-Dichloropropene	0.498	0.492	1.2	95	0.00
30 M	2-Butanone	0.205	0.213	-3.9	107	0.00
31	2,2-Dichloropropane	0.633	0.504	20.4	77	0.00
32 M	1,1,1-Trichloroethane	0.635	0.646	-1.7	100	0.00
33 M	Carbon Tetrachloride	0.579	0.597	-3.1	101	0.00
34 M	Benzene	1.387	1.374	0.9	99	0.00
35	Methacrylonitrile	0.225	0.245	-8.9	114	0.00
36 M	1,2-Dichloroethane	0.561	0.594	-5.9	104	0.00
37 M	Trichloroethene	0.382	0.395	-3.4	103	0.00
38	Methylcyclohexane	0.477	0.450	5.7	95	0.00
39 M	1,2-Dichloropropane	0.370	0.372	-0.5	99	0.00
40	Dibromomethane	0.258	0.261	-1.2	102	0.00
41 M	Bromodichloromethane	0.558	0.567	-1.6	101	0.00
42 M	Vinyl Acetate	0.975	0.977	-0.2	100	0.00
43	Ethyl Acetate	0.449	0.480	-6.9	109	0.00
44	Isopropyl Acetate	0.861	0.856	0.6	99	0.00
45 T	1,4-Dioxane	0.005	0.005#	0.0	116	0.00

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	Compound	AvqRF	CCRF	%Dev	Area%	Dev(min)
46	Methyl methacrylate	0.409	0.410	-0.2	99	0.00
47	n-amyl Acetate	0.764	0.701	8.2	97	0.00
48 M	t-1,3-Dichloropropene	0.629	0.593	5.7	95	0.00
49 T	cis-1,3-Dichloropropene	0.650	0.618	4.9	96	0.00
50 M	1,1,2-Trichloroethane	0.345	0.346	-0.3	99	0.00
51	Ethyl methacrylate	0.546	0.517	5.3	96	0.00
52	1,3-Dichloropropane	0.595	0.609	-2.4	103	0.00
53 M	Dibromochloromethane	0.434	0.414	4.6	96	0.00
54 M	1,2-Dibromoethane	0.367	0.363	1.1	98	0.00
55 M	2-Chloroethyl vinyl ether	0.268	0.247	7.8	89	0.00
56 M	Bromoform	0.303	0.280	7.6	94	0.00
57 I	Chlorobenzene-d5	1.000	1.000	0.0	87	0.00
58 M	4-Methyl-2-Pentanone	0.508	0.530	-4.3	106	0.00
59 M	2-Hexanone	0.377	0.376	0.3	102	0.00
60 S	4-Bromofluorobenzene	0.538	0.526	2.2	85	0.00
61 M	Tetrachloroethene	0.404	0.425	-5.2	105	0.00
62 M	Toluene	1.715	1.686	1.7	98	0.00
63 S	Toluene-d8	1.358	1.333	1.8	85	0.00
64 M	Chlorobenzene	1.068	1.061	0.7	99	0.00
65	1,1,1,2-Tetrachloroethane	0.418	0.436	-4.3	105	0.00
66 M	Ethyl Benzene	1.972	1.923	2.5	97	0.00
67 M	m/p-Xylenes	0.733	0.700	4.5	96	0.00
68 M	o-Xylene	0.712	0.679	4.6	98	0.00
69 M	Styrene	1.204	1.155	4.1	98	0.00
70	Isopropylbenzene	1.879	1.816	3.4	97	0.00
71 M	1,1,2,2-Tetrachloroethane	0.515	0.497	3.5	98	0.00
72	1,2,3-Trichloropropane	0.537	0.504	6.1	98	0.00
73	Bromobenzene	0.453	0.443	2.2	96	0.00
74	n-propylbenzene	2.145	2.057	4.1	97	0.00
75	2-Chlorotoluene	1.328	1.297	2.3	99	0.00
76	1,3,5-Trimethylbenzene	1.599	1.571	1.8	99	0.00
77	t-1,4-Dichloro-2-butene	0.210	0.178	15.2	87	0.00
78	4-Chlorotoluene	1.389	1.335	3.9	99	0.00
79	tert-butylbenzene	1.307	1.269	2.9	98	0.00
80	1,2,4-Trimethylbenzene	1.623	1.558	4.0	96	0.00
81	sec-Butylbenzene	1.701	1.624	4.5	95	0.00
82	p-Isopropyltoluene	1.574	1.465	6.9	93	0.00
83 M	1,3-Dichlorobenzene	0.812	0.779	4.1	99	0.00
84 M	1,4-Dichlorobenzene	0.813	0.758	6.8	94	0.00
85	n-Butylbenzene	1.398	1.265	9.5	93	0.00
86 T	Hexachloroethane	0.271	0.249	8.1	92	0.00
87 M	1,2-Dichlorobenzene	0.792	0.761	3.9	101	0.00
88	1,2-Dibromo-3-Chloropropane	0.130	0.125	3.8	101	0.00
89	1,2,4-Trichlorobenzene	0.476	0.429	9.9	90	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	1.313	8.9	95	0.00
92	1,2,3-Trichlorobenzene	0.455	0.429	5.7	97	0.00

(#) = Out of Range

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