

Data Path : Z:\voasrv\HPCHEM1\MSVOA N\Data\VN110220\
 Data File : VN064423.D
 Acq On : 2 Nov 2020 18:48
 Operator : JC/MD
 Sample : VSTDCCC020
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_N
 LabSampleId :
 VSTDCCC020

Quant Time: Nov 03 03:30:06 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA N\METHODS\624N110220W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Tue Nov 03 02:03:38 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	100	0.00
2 M	Dichlorodifluoromethane	1.930	1.802	6.6	93	0.00
3 M	Chloromethane	1.993	1.804	9.5	95	0.00
4 M	Vinyl Chloride	2.057	1.898	7.7	97	0.00
5 M	Bromomethane	1.342	1.250	6.9	96	0.00
6 M	Chloroethane	1.200	1.116	7.0	96	0.00
7 M	Trichlorofluoromethane	3.407	3.151	7.5	93	0.00
8 T	Diethyl Ether	1.045	0.957	8.4	97	0.00
9	1,1,2-Trichlorotrifluoroeth	1.696	1.501	11.5	92	0.00
10 M	1,1-Dichloroethene	1.623	1.428	12.0	94	0.00
11	Methyl Iodide	2.178	1.894	13.0	97	0.00
12	Methyl Acetate	1.698	1.569	7.6	96	0.00
13 M	Acrolein	0.164	0.169	-3.0	107	0.00
14 M	Acrylonitrile	0.764	0.687	10.1	96	0.00
15 M	Acetone	0.265	0.197	25.7	66	0.00
16 M	Carbon Disulfide	4.606	4.026	12.6	93	0.00
17	Allyl chloride	2.847	2.527	11.2	96	0.00
18 M	Methylene Chloride	1.878	1.681	10.5	94	0.00
19 M	trans-1,2-Dichloroethene	1.786	1.623	9.1	97	0.00
20 T	Diisopropyl ether	6.091	5.493	9.8	94	0.00
21 M	1,1-Dichloroethane	3.436	3.046	11.4	92	0.00
22 M	cis-1,2-Dichloroethene	2.117	1.859	12.2	93	0.00
23 M	tert-Butyl Alcohol	0.290	0.273	5.9	96	0.00
24 M	Methyl tert-Butyl Ether	5.808	5.234	9.9	95	0.00
25 M	Chloroform	3.680	3.345	9.1	94	0.00
26	Cyclohexane	2.721	2.368	13.0	94	0.00
27 s	1,2-Dichloroethane-d4	2.449	2.548	-4.0	99	0.00
28 I	1,4-Difluorobenzene	1.000	1.000	0.0	97	0.00
29	1,1-Dichloropropene	0.483	0.435	9.9	96	0.00
30 M	2-Butanone	0.219	0.186	15.1	82	0.00
31	2,2-Dichloropropane	0.593	0.517	12.8	91	0.00
32 M	1,1,1-Trichloroethane	0.633	0.571	9.8	92	0.00
33 M	Carbon Tetrachloride	0.570	0.504	11.6	91	0.00
34 M	Benzene	1.368	1.249	8.7	95	0.00
35	Methacrylonitrile	0.217	0.206	5.1	106	0.00
36 M	1,2-Dichloroethane	0.566	0.520	8.1	92	0.00
37 M	Trichloroethene	0.384	0.344	10.4	95	0.00
38	Methylcyclohexane	0.438	0.383	12.6	92	0.00
39 M	1,2-Dichloropropane	0.351	0.338	3.7	100	0.00
40	Dibromomethane	0.254	0.233	8.3	94	0.00
41 M	Bromodichloromethane	0.537	0.490	8.8	93	0.00
42 M	Vinyl Acetate	0.928	0.855	7.9	96	0.00
43	Ethyl Acetate	0.424	0.412	2.8	113	0.00
44	Isopropyl Acetate	0.755	0.696	7.8	94	0.00
45 T	1,4-Dioxane	0.005	0.005#	0.0	95	0.00

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	Compound	AvqRF	CCRF	%Dev	Area%	Dev(min)
46	Methyl methacrylate	0.373	0.338	9.4	94	0.00
47	n-amyl Acetate	0.642	0.559	12.9	92	0.00
48 M	t-1,3-Dichloropropene	0.593	0.520	12.3	95	0.00
49 T	cis-1,3-Dichloropropene	0.613	0.551	10.1	95	0.00
50 M	1,1,2-Trichloroethane	0.341	0.314	7.9	95	0.00
51	Ethyl methacrylate	0.490	0.424	13.5	94	0.00
52	1,3-Dichloropropane	0.576	0.516	10.4	91	0.00
53 M	Dibromochloromethane	0.419	0.366	12.6	94	0.00
54 M	1,2-Dibromoethane	0.365	0.330	9.6	94	0.00
55 M	2-Chloroethyl vinyl ether	0.264	0.226	14.4	96	0.00
56 M	Bromoform	0.296	0.255	13.9	97	0.00
57 I	Chlorobenzene-d5	1.000	1.000	0.0	95	0.00
58 M	4-Methyl-2-Pentanone	0.475	0.446	6.1	95	0.00
59 M	2-Hexanone	0.353	0.318	9.9	88	0.00
60 S	4-Bromofluorobenzene	0.507	0.503	0.8	97	0.00
61 M	Tetrachloroethene	0.407	0.366	10.1	92	0.00
62 M	Toluene	1.680	1.490	11.3	92	0.00
63 S	Toluene-d8	1.338	1.363	-1.9	98	0.00
64 M	Chlorobenzene	1.052	0.954	9.3	94	0.00
65	1,1,1,2-Tetrachloroethane	0.409	0.387	5.4	96	0.00
66 M	Ethyl Benzene	1.854	1.634	11.9	92	0.00
67 M	m/p-Xylenes	0.697	0.616	11.6	92	0.00
68 M	o-Xylene	0.672	0.592	11.9	92	0.00
69 M	Styrene	1.121	0.973	13.2	94	0.00
70	Isopropylbenzene	1.739	1.547	11.0	92	0.00
71 M	1,1,2,2-Tetrachloroethane	0.484	0.457	5.6	97	0.00
72	1,2,3-Trichloropropane	0.505	0.451	10.7	94	0.00
73	Bromobenzene	0.451	0.408	9.5	93	0.00
74	n-propylbenzene	1.907	1.707	10.5	94	0.00
75	2-Chlorotoluene	1.208	1.099	9.0	93	0.00
76	1,3,5-Trimethylbenzene	1.432	1.272	11.2	94	0.00
77	t-1,4-Dichloro-2-butene	0.178	0.147	17.4	89	0.00
78	4-Chlorotoluene	1.248	1.114	10.7	93	0.00
79	tert-butylbenzene	1.146	0.994	13.3	89	0.00
80	1,2,4-Trimethylbenzene	1.451	1.285	11.4	93	0.00
81	sec-Butylbenzene	1.445	1.266	12.4	92	0.00
82	p-Isopropyltoluene	1.328	1.165	12.3	93	0.00
83 M	1,3-Dichlorobenzene	0.766	0.667	12.9	93	0.00
84 M	1,4-Dichlorobenzene	0.772	0.676	12.4	93	0.00
85	n-Butylbenzene	1.060	0.898	15.3	90	0.00
86 T	Hexachloroethane	0.249	0.210	15.7	92	0.00
87 M	1,2-Dichlorobenzene	0.740	0.652	11.9	91	0.00
88	1,2-Dibromo-3-Chloropropane	0.104	0.101	2.9	104	0.00
89	1,2,4-Trichlorobenzene	0.362	0.286	21.0	88	0.00
90	Hexachlorobutadiene	0.193	0.164	15.0	90	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
91 M	Naphthalene	1.075	0.856	20.4	93	0.00
92	1,2,3-Trichlorobenzene	0.358	0.289	19.3	94	0.00

(#) = Out of Range

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