

Data Path : Z:\voasrv\HPCHEM1\MSVOA N\Data\VN101219\
 Data File : VN058687.D
 Acq On : 11 Oct 2019 8:43
 Operator : JC/SP
 Sample : VSTDCCC020
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_N
 LabSampleId :
 VSTDCCC020

Quant Time: Oct 11 17:31:59 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA N\METHODS\624N101119W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Fri Oct 11 04:26:47 2019
 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	80	0.00
2 M	Dichlorodifluoromethane	1.625	1.774	-9.2	83	0.00
3 M	Chloromethane	2.171	2.251	-3.7	80	0.00
4 M	Vinyl Chloride	2.244	2.232	0.5	76	0.00
5 M	Bromomethane	1.386	1.393	-0.5	75	0.00
6 M	Chloroethane	1.411	1.449	-2.7	79	0.00
7 M	Trichlorofluoromethane	2.762	2.944	-6.6	82	0.00
8 T	Diethyl Ether	1.053	1.058	-0.5	77	0.00
9	1,1,2-Trichlorotrifluoroeth	1.598	1.649	-3.2	80	0.00
10 M	1,1-Dichloroethene	1.570	1.530	2.5	75	0.00
11	Methyl Iodide	2.186	2.128	2.7	78	0.00
12	Methyl Acetate	2.511	2.513	-0.1	80	0.00
13 M	Acrolein	0.277	0.230	17.0	69	0.00
14 M	Acrylonitrile	0.990	0.981	0.9	80	0.00
15 M	Acetone	0.294	0.299	-1.7	83	0.00
16 M	Carbon Disulfide	4.578	4.534	1.0	77	0.00
17	Allyl chloride	3.124	2.757	11.7	69	0.00
18 M	Methylene Chloride	1.901	1.917	-0.8	79	0.00
19 M	trans-1,2-Dichloroethene	1.709	1.722	-0.8	77	0.00
20 T	Diisopropyl ether	6.365	6.408	-0.7	79	0.00
21 M	1,1-Dichloroethane	3.525	3.608	-2.4	80	0.00
22 M	cis-1,2-Dichloroethene	2.037	1.994	2.1	76	0.00
23 M	tert-Butyl Alcohol	0.405	0.384	5.2	77	0.00
24 M	Methyl tert-Butyl Ether	5.856	5.856	0.0	78	0.00
25 M	Chloroform	3.515	3.648	-3.8	81	0.00
26	Cyclohexane	3.094	3.070	0.8	79	0.00
27 s	1,2-Dichloroethane-d4	2.546	2.556	-0.4	79	0.00
28 I	1,4-Difluorobenzene	1.000	1.000	0.0	78	0.00
29	1,1-Dichloropropene	0.472	0.489	-3.6	79	0.00
30 M	2-Butanone	0.267	0.279	-4.5	83	0.00
31	2,2-Dichloropropane	0.557	0.592	-6.3	84	0.00
32 M	1,1,1-Trichloroethane	0.546	0.570	-4.4	78	0.00
33 M	Carbon Tetrachloride	0.473	0.487	-3.0	78	0.00
34 M	Benzene	1.390	1.441	-3.7	79	0.00
35	Methacrylonitrile	0.236	0.213	9.7	69	0.00
36 M	1,2-Dichloroethane	0.532	0.560	-5.3	80	0.00
37 M	Trichloroethene	0.342	0.350	-2.3	78	0.00
38	Methylcyclohexane	0.548	0.542	1.1	77	0.00
39 M	1,2-Dichloropropane	0.380	0.392	-3.2	77	0.00
40	Dibromomethane	0.240	0.249	-3.8	78	0.00
41 M	Bromodichloromethane	0.490	0.506	-3.3	78	0.00
42 M	Vinyl Acetate	0.935	0.991	-6.0	78	0.00
43	Ethyl Acetate	0.524	0.478	8.8	69	0.00
44	Isopropyl Acetate	0.848	0.856	-0.9	78	0.00
45 T	1,4-Dioxane	0.007	0.006#	14.3	77	0.00

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	Compound	AvqRF	CCRF	%Dev	Area%	Dev(min)
46	Methyl methacrylate	0.390	0.382	2.1	77	0.00
47	n-amyl Acetate	0.752	0.730	2.9	77	0.00
48 M	t-1,3-Dichloropropene	0.568	0.570	-0.4	78	0.00
49 T	cis-1,3-Dichloropropene	0.597	0.607	-1.7	78	0.00
50 M	1,1,2-Trichloroethane	0.342	0.357	-4.4	79	0.00
51	Ethyl methacrylate	0.548	0.527	3.8	76	0.00
52	1,3-Dichloropropane	0.610	0.626	-2.6	78	0.00
53 M	Dibromochloromethane	0.367	0.370	-0.8	78	0.00
54 M	1,2-Dibromoethane	0.355	0.366	-3.1	79	0.00
55 M	2-Chloroethyl vinyl ether	0.272	0.307	-12.9	82	0.00
56 M	Bromoform	0.256	0.251	2.0	78	0.00
57 I	Chlorobenzene-d5	1.000	1.000	0.0	81	0.00
58 M	4-Methyl-2-Pentanone	0.547	0.567	-3.7	78	0.00
59 M	2-Hexanone	0.429	0.461	-7.5	84	0.00
60 S	4-Bromofluorobenzene	0.525	0.517	1.5	80	0.00
61 M	Tetrachloroethene	0.324	0.338	-4.3	80	0.00
62 M	Toluene	1.614	1.632	-1.1	78	0.00
63 S	Toluene-d8	1.416	1.398	1.3	78	0.00
64 M	Chlorobenzene	0.987	0.994	-0.7	78	0.00
65	1,1,1,2-Tetrachloroethane	0.370	0.369	0.3	78	0.00
66 M	Ethyl Benzene	1.787	1.814	-1.5	79	0.00
67 M	m/p-Xylenes	0.668	0.664	0.6	78	0.00
68 M	o-Xylene	0.647	0.624	3.6	76	0.00
69 M	Styrene	1.069	1.027	3.9	77	0.00
70	Isopropylbenzene	1.747	1.734	0.7	77	0.00
71 M	1,1,2,2-Tetrachloroethane	0.588	0.588	0.0	78	0.00
72	1,2,3-Trichloropropane	0.533	0.524	1.7	77	0.00
73	Bromobenzene	0.424	0.416	1.9	78	0.00
74	n-propylbenzene	2.045	2.125	-3.9	80	0.00
75	2-Chlorotoluene	1.231	1.241	-0.8	79	0.00
76	1,3,5-Trimethylbenzene	1.497	1.508	-0.7	79	0.00
77	t-1,4-Dichloro-2-butene	0.203	0.193	4.9	78	0.00
78	4-Chlorotoluene	1.268	1.266	0.2	79	0.00
79	tert-butylbenzene	1.279	1.272	0.5	78	0.00
80	1,2,4-Trimethylbenzene	1.487	1.494	-0.5	78	0.00
81	sec-Butylbenzene	1.721	1.726	-0.3	78	0.00
82	p-Isopropyltoluene	1.545	1.513	2.1	77	0.00
83 M	1,3-Dichlorobenzene	0.768	0.755	1.7	78	0.00
84 M	1,4-Dichlorobenzene	0.767	0.727	5.2	75	0.00
85	n-Butylbenzene	1.415	1.392	1.6	80	0.00
86 T	Hexachloroethane	0.281	0.271	3.6	77	0.00
87 M	1,2-Dichlorobenzene	0.758	0.746	1.6	79	0.00
88	1,2-Dibromo-3-Chloropropane	0.131	0.125	4.6	75	0.00
89	1,2,4-Trichlorobenzene	0.479	0.449	6.3	76	0.00
90	Hexachlorobutadiene	0.247	0.244	1.2	79	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
91 M	Naphthalene	1.413	1.305	7.6	74	0.00
92	1,2,3-Trichlorobenzene	0.466	0.431	7.5	75	0.00

(#) = Out of Range

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