

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN110719\
 Data File : VN059108.D
 Acq On : 7 Nov 2019 8:51
 Operator : JC/SP
 Sample : VSTDCCC020
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_N
 LabSampleId :
 VSTDCCC020

Quant Time: Nov 08 01:22:00 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	99	-0.01
2 M	Dichlorodifluoromethane	1.625	1.701	-4.7	98	0.00
3 M	Chloromethane	2.171	2.410	-11.0	106	0.00
4 M	Vinyl Chloride	2.244	2.475	-10.3	104	0.00
5 M	Bromomethane	1.386	1.464	-5.6	98	0.00
6 M	Chloroethane	1.411	1.478	-4.7	100	0.00
7 M	Trichlorofluoromethane	2.762	3.083	-11.6	106	0.00
8 T	Diethyl Ether	1.053	1.277	-21.3	115	0.00
9	1,1,2-Trichlorotrifluoroeth	1.598	1.882	-17.8	113	0.00
10 M	1,1-Dichloroethene	1.570	1.810	-15.3	110	0.00
11	Methyl Iodide	2.186	2.163	1.1	97	0.00
12	Methyl Acetate	2.511	2.821	-12.3	111	0.00
13 M	Acrolein	0.277	0.387	-39.7#	143	0.00
14 M	Acrylonitrile	0.990	1.130	-14.1	114	0.00
15 M	Acetone	0.294	0.537	-82.7#	185#	0.00
16 M	Carbon Disulfide	4.578	5.182	-13.2	108	0.00
17	Allyl chloride	3.124	3.357	-7.5	104	0.00
18 M	Methylene Chloride	1.901	2.172	-14.3	110	0.00
19 M	trans-1,2-Dichloroethene	1.709	1.968	-15.2	109	0.00
20 T	Diisopropyl ether	6.365	7.369	-15.8	112	0.00
21 M	1,1-Dichloroethane	3.525	4.002	-13.5	109	-0.01
22 M	cis-1,2-Dichloroethene	2.037	2.317	-13.7	109	0.00
23 M	tert-Butyl Alcohol	0.405	0.430	-6.2	106	-0.01
24 M	Methyl tert-Butyl Ether	5.856	6.520	-11.3	107	-0.01
25 M	Chloroform	3.515	3.911	-11.3	107	-0.01
26	Cyclohexane	3.094	3.456	-11.7	109	0.00
27 s	1,2-Dichloroethane-d4	2.546	2.377	6.6	91	0.00
28 I	1,4-Difluorobenzene	1.000	1.000	0.0	100	0.00
29	1,1-Dichloropropene	0.472	0.511	-8.3	106	0.00
30 M	2-Butanone	0.267	0.334	-25.1	126	-0.01
31	2,2-Dichloropropane	0.557	0.615	-10.4	112	0.00
32 M	1,1,1-Trichloroethane	0.546	0.578	-5.9	102	0.00
33 M	Carbon Tetrachloride	0.473	0.499	-5.5	102	-0.01
34 M	Benzene	1.390	1.557	-12.0	109	0.00
35	Methacrylonitrile	0.236	0.232	1.7	96	-0.02
36 M	1,2-Dichloroethane	0.532	0.542	-1.9	99	-0.01
37 M	Trichloroethene	0.342	0.379	-10.8	108	0.00
38	Methylcyclohexane	0.548	0.589	-7.5	107	0.00
39 M	1,2-Dichloropropane	0.380	0.432	-13.7	109	0.00
40	Dibromomethane	0.240	0.260	-8.3	105	0.00
41 M	Bromodichloromethane	0.490	0.533	-8.8	106	0.00
42 M	Vinyl Acetate	0.935	1.059	-13.3	106	-0.01
43	Ethyl Acetate	0.524	0.546	-4.2	101	0.00
44	Isopropyl Acetate	0.848	0.875	-3.2	102	0.00
45 T	1,4-Dioxane	0.007	0.007#	0.0	112	0.00

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	Compound	AvqRF	CCRF	%Dev	Area%	Dev(min)
46	Methyl methacrylate	0.390	0.393	-0.8	102	0.00
47	n-amyl Acetate	0.752	0.680	9.6	91	0.00
48 M	t-1,3-Dichloropropene	0.568	0.612	-7.7	107	0.00
49 T	cis-1,3-Dichloropropene	0.597	0.659	-10.4	108	0.00
50 M	1,1,2-Trichloroethane	0.342	0.378	-10.5	107	0.00
51	Ethyl methacrylate	0.548	0.553	-0.9	101	0.00
52	1,3-Dichloropropane	0.610	0.661	-8.4	105	0.00
53 M	Dibromochloromethane	0.367	0.402	-9.5	108	0.00
54 M	1,2-Dibromoethane	0.355	0.378	-6.5	105	0.00
55 M	2-Chloroethyl vinyl ether	0.272	0.249	8.5	86	0.00
56 M	Bromoform	0.256	0.281	-9.8	112	0.00
57 I	Chlorobenzene-d5	1.000	1.000	0.0	99	0.00
58 M	4-Methyl-2-Pentanone	0.547	0.605	-10.6	102	0.00
59 M	2-Hexanone	0.429	0.484	-12.8	109	0.00
60 S	4-Bromofluorobenzene	0.525	0.505	3.8	96	0.00
61 M	Tetrachloroethene	0.324	0.377	-16.4	109	0.00
62 M	Toluene	1.614	1.802	-11.6	106	0.00
63 S	Toluene-d8	1.416	1.406	0.7	97	0.00
64 M	Chlorobenzene	0.987	1.102	-11.7	107	0.00
65	1,1,1,2-Tetrachloroethane	0.370	0.413	-11.6	108	0.00
66 M	Ethyl Benzene	1.787	1.971	-10.3	105	0.00
67 M	m/p-Xylenes	0.668	0.723	-8.2	104	0.00
68 M	o-Xylene	0.647	0.699	-8.0	104	0.00
69 M	Styrene	1.069	1.106	-3.5	102	0.00
70	Isopropylbenzene	1.747	1.915	-9.6	105	0.00
71 M	1,1,2,2-Tetrachloroethane	0.588	0.625	-6.3	102	0.00
72	1,2,3-Trichloropropane	0.533	0.586	-9.9	105	0.00
73	Bromobenzene	0.424	0.454	-7.1	104	0.00
74	n-propylbenzene	2.045	2.214	-8.3	102	0.00
75	2-Chlorotoluene	1.231	1.333	-8.3	105	0.00
76	1,3,5-Trimethylbenzene	1.497	1.623	-8.4	104	0.00
77	t-1,4-Dichloro-2-butene	0.203	0.212	-4.4	105	0.00
78	4-Chlorotoluene	1.268	1.325	-4.5	102	0.00
79	tert-butylbenzene	1.279	1.373	-7.3	103	0.00
80	1,2,4-Trimethylbenzene	1.487	1.571	-5.6	101	0.00
81	sec-Butylbenzene	1.721	1.819	-5.7	101	0.00
82	p-Isopropyltoluene	1.545	1.615	-4.5	101	0.00
83 M	1,3-Dichlorobenzene	0.768	0.792	-3.1	101	0.00
84 M	1,4-Dichlorobenzene	0.767	0.760	0.9	97	0.00
85	n-Butylbenzene	1.415	1.335	5.7	94	0.00
86 T	Hexachloroethane	0.281	0.307	-9.3	108	0.00
87 M	1,2-Dichlorobenzene	0.758	0.777	-2.5	101	0.00
88	1,2-Dibromo-3-Chloropropane	0.131	0.119	9.2	88	0.00
89	1,2,4-Trichlorobenzene	0.479	0.393	18.0	82	0.00
90	Hexachlorobutadiene	0.247	0.264	-6.9	106	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
91 M	Naphthalene	1.413	1.048	25.8	74	0.00
92	1,2,3-Trichlorobenzene	0.466	0.406	12.9	86	0.00

(#) = Out of Range

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