

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN110719\
 Data File : VN059127.D
 Acq On : 7 Nov 2019 17:22
 Operator : JC/SP
 Sample : VSTDCCC020
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_N
 LabSampleId :
 VSTDCCC020

Quant Time: Nov 08 03:16:04 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	96	0.00
2 M	Dichlorodifluoromethane	1.625	1.640	-0.9	92	0.00
3 M	Chloromethane	2.171	2.229	-2.7	95	0.00
4 M	Vinyl Chloride	2.244	2.313	-3.1	94	0.00
5 M	Bromomethane	1.386	0.965	30.4#	62	-0.02
6 M	Chloroethane	1.411	1.399	0.9	91	0.00
7 M	Trichlorofluoromethane	2.762	2.955	-7.0	99	0.00
8 T	Diethyl Ether	1.053	1.205	-14.4	105	0.00
9	1,1,2-Trichlorotrifluoroeth	1.598	1.852	-15.9	108	0.00
10 M	1,1-Dichloroethene	1.570	1.706	-8.7	100	0.00
11	Methyl Iodide	2.186	1.236	43.5#	54	0.00
12	Methyl Acetate	2.511	2.889	-15.1	110	0.00
13 M	Acrolein	0.277	0.304	-9.7	109	0.00
14 M	Acrylonitrile	0.990	1.148	-16.0	112	0.00
15 M	Acetone	0.294	0.354	-20.4	118	0.00
16 M	Carbon Disulfide	4.578	4.907	-7.2	99	0.00
17	Allyl chloride	3.124	3.393	-8.6	101	0.00
18 M	Methylene Chloride	1.901	2.105	-10.7	103	0.00
19 M	trans-1,2-Dichloroethene	1.709	1.859	-8.8	100	0.00
20 T	Diisopropyl ether	6.365	7.013	-10.2	103	0.00
21 M	1,1-Dichloroethane	3.525	3.828	-8.6	101	0.00
22 M	cis-1,2-Dichloroethene	2.037	2.155	-5.8	98	0.00
23 M	tert-Butyl Alcohol	0.405	0.418	-3.2	100	0.00
24 M	Methyl tert-Butyl Ether	5.856	6.178	-5.5	98	0.00
25 M	Chloroform	3.515	3.735	-6.3	99	0.00
26	Cyclohexane	3.094	3.205	-3.6	98	0.00
27 s	1,2-Dichloroethane-d4	2.546	2.400	5.7	89	0.00
28 I	1,4-Difluorobenzene	1.000	1.000	0.0	96	0.00
29	1,1-Dichloropropene	0.472	0.477	-1.1	95	0.00
30 M	2-Butanone	0.267	0.272	-1.9	99	0.00
31	2,2-Dichloropropane	0.557	0.563	-1.1	99	0.00
32 M	1,1,1-Trichloroethane	0.546	0.551	-0.9	93	0.00
33 M	Carbon Tetrachloride	0.473	0.481	-1.7	95	0.00
34 M	Benzene	1.390	1.492	-7.3	101	0.00
35	Methacrylonitrile	0.236	0.175	25.8	70	-0.02
36 M	1,2-Dichloroethane	0.532	0.518	2.6	91	0.00
37 M	Trichloroethene	0.342	0.354	-3.5	97	0.00
38	Methylcyclohexane	0.548	0.562	-2.6	98	0.00
39 M	1,2-Dichloropropane	0.380	0.407	-7.1	99	0.00
40	Dibromomethane	0.240	0.245	-2.1	95	0.00
41 M	Bromodichloromethane	0.490	0.509	-3.9	97	0.00
42 M	Vinyl Acetate	0.935	1.018	-8.9	98	0.00
43	Ethyl Acetate	0.524	0.546	-4.2	97	0.00
44	Isopropyl Acetate	0.848	0.864	-1.9	97	0.00
45 T	1,4-Dioxane	0.007	0.007#	0.0	100	0.00

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	Compound	AvqRF	CCRF	%Dev	Area%	Dev(min)
46	Methyl methacrylate	0.390	0.391	-0.3	98	0.00
47	n-amyl Acetate	0.752	0.695	7.6	90	0.00
48 M	t-1,3-Dichloropropene	0.568	0.575	-1.2	97	0.00
49 T	cis-1,3-Dichloropropene	0.597	0.625	-4.7	99	0.00
50 M	1,1,2-Trichloroethane	0.342	0.364	-6.4	100	0.00
51	Ethyl methacrylate	0.548	0.545	0.5	96	0.00
52	1,3-Dichloropropane	0.610	0.634	-3.9	97	0.00
53 M	Dibromochloromethane	0.367	0.381	-3.8	99	0.00
54 M	1,2-Dibromoethane	0.355	0.368	-3.7	98	0.00
55 M	2-Chloroethyl vinyl ether	0.272	0.236	13.2	78	0.00
56 M	Bromoform	0.256	0.274	-7.0	105	0.00
57 I	Chlorobenzene-d5	1.000	1.000	0.0	97	0.00
58 M	4-Methyl-2-Pentanone	0.547	0.606	-10.8	100	0.00
59 M	2-Hexanone	0.429	0.440	-2.6	96	0.00
60 S	4-Bromofluorobenzene	0.525	0.503	4.2	93	0.00
61 M	Tetrachloroethene	0.324	0.348	-7.4	98	0.00
62 M	Toluene	1.614	1.714	-6.2	98	0.00
63 S	Toluene-d8	1.416	1.411	0.4	95	0.00
64 M	Chlorobenzene	0.987	1.021	-3.4	96	0.00
65	1,1,1,2-Tetrachloroethane	0.370	0.391	-5.7	99	0.00
66 M	Ethyl Benzene	1.787	1.860	-4.1	97	0.00
67 M	m/p-Xylenes	0.668	0.682	-2.1	96	0.00
68 M	o-Xylene	0.647	0.661	-2.2	96	0.00
69 M	Styrene	1.069	1.064	0.5	95	0.00
70	Isopropylbenzene	1.747	1.788	-2.3	95	0.00
71 M	1,1,2,2-Tetrachloroethane	0.588	0.623	-6.0	99	0.00
72	1,2,3-Trichloropropane	0.533	0.542	-1.7	95	0.00
73	Bromobenzene	0.424	0.434	-2.4	97	0.00
74	n-propylbenzene	2.045	2.088	-2.1	94	0.00
75	2-Chlorotoluene	1.231	1.256	-2.0	96	0.00
76	1,3,5-Trimethylbenzene	1.497	1.515	-1.2	95	0.00
77	t-1,4-Dichloro-2-butene	0.203	0.203	0.0	98	0.00
78	4-Chlorotoluene	1.268	1.272	-0.3	95	0.00
79	tert-butylbenzene	1.279	1.294	-1.2	95	0.00
80	1,2,4-Trimethylbenzene	1.487	1.499	-0.8	94	0.00
81	sec-Butylbenzene	1.721	1.707	0.8	92	0.00
82	p-Isopropyltoluene	1.545	1.544	0.1	94	0.00
83 M	1,3-Dichlorobenzene	0.768	0.766	0.3	95	0.00
84 M	1,4-Dichlorobenzene	0.767	0.729	5.0	90	0.00
85	n-Butylbenzene	1.415	1.262	10.8	86	0.00
86 T	Hexachloroethane	0.281	0.289	-2.8	98	0.00
87 M	1,2-Dichlorobenzene	0.758	0.742	2.1	94	0.00
88	1,2-Dibromo-3-Chloropropane	0.131	0.122	6.9	88	0.00
89	1,2,4-Trichlorobenzene	0.479	0.395	17.5	80	0.00
90	Hexachlorobutadiene	0.247	0.251	-1.6	98	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
91 M	Naphthalene	1.413	1.062	24.8	73	0.00
92	1,2,3-Trichlorobenzene	0.466	0.400	14.2	83	0.00

(#) = Out of Range

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