

Data Path : Z:\voasrv\HPCHEM1\MSVOA N\Data\VN041119\
 Data File : VN054981.D
 Acq On : 11 Apr 2019 16:39
 Operator : JC/SP
 Sample : VSTDICV020
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 ICVVN041119

Quant Time: Apr 12 08:17:09 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA N\METHODS\624N041119W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Fri Apr 12 07:55:25 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	115	0.00
2 M	Dichlorodifluoromethane	1.764	1.712	2.9	108	0.00
3 M	Chloromethane	2.384	2.409	-1.0	117	0.00
4 M	Vinyl Chloride	2.061	2.008	2.6	112	0.00
5 M	Bromomethane	1.192	1.314	-10.2	129	0.00
6 M	Chloroethane	1.154	1.120	2.9	113	0.00
7 M	Trichlorofluoromethane	2.634	2.581	2.0	111	0.00
8 T	Diethyl Ether	0.846	0.847	-0.1	116	0.00
9	1,1,2-Trichlorotrifluoroeth	1.440	1.398	2.9	109	0.00
10 M	1,1-Dichloroethene	1.331	1.268	4.7	109	0.00
11	Methyl Iodide	2.014	1.714	14.9	101	0.00
12	Methyl Acetate	1.637	1.729	-5.6	126	0.00
13 M	Acrolein	0.143	0.145	-1.4	121	0.00
14 M	Acrylonitrile	0.671	0.669	0.3	120	0.00
15 M	Acetone	0.166	0.154	7.2	93	0.00
16 M	Carbon Disulfide	4.465	4.422	1.0	122	0.00
17	Allyl chloride	3.278	3.262	0.5	117	0.00
18 M	Methylene Chloride	1.968	1.867	5.1	112	0.00
19 M	trans-1,2-Dichloroethene	1.733	1.732	0.1	117	0.00
20 T	Diisopropyl ether	6.641	6.535	1.6	116	0.00
21 M	1,1-Dichloroethane	3.547	3.471	2.1	114	0.00
22 M	cis-1,2-Dichloroethene	2.014	1.956	2.9	115	0.00
23 M	tert-Butyl Alcohol	0.107	0.116	-8.4	136	0.00
24 M	Methyl tert-Butyl Ether	4.470	4.508	-0.9	121	0.00
25 M	Chloroform	3.398	3.345	1.6	114	0.00
26	Cyclohexane	3.291	3.169	3.7	114	0.00
27 s	1,2-Dichloroethane-d4	2.287	2.234	2.3	109	0.00
28 I	1,4-Difluorobenzene	1.000	1.000	0.0	110	0.00
29	1,1-Dichloropropene	0.467	0.471	-0.9	114	0.00
30 M	2-Butanone	0.155	0.155	0.0	110	0.00
31	2,2-Dichloropropane	0.430	0.439	-2.1	118	0.00
32 M	1,1,1-Trichloroethane	0.494	0.498	-0.8	116	0.00
33 M	Carbon Tetrachloride	0.428	0.418	2.3	115	0.00
34 M	Benzene	1.385	1.383	0.1	114	0.00
35	Methacrylonitrile	0.183	0.215	-17.5	132	0.00
36 M	1,2-Dichloroethane	0.473	0.466	1.5	111	0.00
37 M	Trichloroethene	0.353	0.352	0.3	112	0.00
38	Methylcyclohexane	0.542	0.532	1.8	112	0.00
39 M	1,2-Dichloropropane	0.382	0.379	0.8	113	0.00
40	Dibromomethane	0.216	0.218	-0.9	113	0.00
41 M	Bromodichloromethane	0.446	0.432	3.1	113	0.00
42 M	Vinyl Acetate	0.784	0.796	-1.5	122	0.00
43	Ethyl Acetate	0.316	0.303	4.1	112	0.00
44	Isopropyl Acetate	0.535	0.540	-0.9	124	0.00
45 T	1,4-Dioxane	0.003	0.003#	0.0	117	0.00

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	Compound	AvqRF	CCRF	%Dev	Area%	Dev(min)
46	Methyl methacrylate	0.277	0.277	0.0	125	0.00
47	n-amyl Acetate	0.394	0.420	-6.6	134	0.00
48 M	t-1,3-Dichloropropene	0.410	0.395	3.7	124	0.00
49 T	cis-1,3-Dichloropropene	0.506	0.495	2.2	118	0.00
50 M	1,1,2-Trichloroethane	0.293	0.289	1.4	113	0.00
51	Ethyl methacrylate	0.350	0.350	0.0	127	0.00
52	1,3-Dichloropropane	0.514	0.520	-1.2	116	0.00
53 M	Dibromochloromethane	0.302	0.291	3.6	117	0.00
54 M	1,2-Dibromoethane	0.276	0.278	-0.7	123	0.00
55 M	2-Chloroethyl vinyl ether	0.146	0.132	9.6	107	0.00
56 M	Bromoform	0.190	0.180	5.3	122	0.00
57 I	Chlorobenzene-d5	1.000	1.000	0.0	110	0.00
58 M	4-Methyl-2-Pentanone	0.346	0.356	-2.9	121	0.00
59 M	2-Hexanone	0.220	0.231	-5.0	118	0.00
60 S	4-Bromofluorobenzene	0.467	0.456	2.4	111	0.00
61 M	Tetrachloroethene	0.390	0.383	1.8	106	0.00
62 M	Toluene	1.653	1.649	0.2	112	0.00
63 S	Toluene-d8	1.426	1.464	-2.7	112	0.00
64 M	Chlorobenzene	0.998	1.004	-0.6	113	0.00
65	1,1,1,2-Tetrachloroethane	0.355	0.348	2.0	114	0.00
66 M	Ethyl Benzene	1.772	1.763	0.5	113	0.00
67 M	m/p-Xylenes	0.659	0.647	1.8	109	0.00
68 M	o-Xylene	0.651	0.647	0.6	112	0.00
69 M	Styrene	1.011	0.976	3.5	111	0.00
70	Isopropylbenzene	1.740	1.728	0.7	110	0.00
71 M	1,1,2,2-Tetrachloroethane	0.398	0.409	-2.8	116	0.00
72	1,2,3-Trichloropropane	0.329	0.362	-10.0	122	0.00
73	Bromobenzene	0.411	0.410	0.2	113	0.00
74	n-propylbenzene	1.948	1.913	1.8	109	0.00
75	2-Chlorotoluene	1.175	1.160	1.3	109	0.00
76	1,3,5-Trimethylbenzene	1.407	1.378	2.1	108	0.00
77	t-1,4-Dichloro-2-butene	0.083	0.078	6.0	128	0.00
78	4-Chlorotoluene	1.120	1.096	2.1	111	0.00
79	tert-butylbenzene	1.217	1.207	0.8	110	0.00
80	1,2,4-Trimethylbenzene	1.382	1.375	0.5	112	0.00
81	sec-Butylbenzene	1.627	1.642	-0.9	111	0.00
82	p-Isopropyltoluene	1.373	1.360	0.9	109	0.00
83 M	1,3-Dichlorobenzene	0.688	0.684	0.6	114	0.00
84 M	1,4-Dichlorobenzene	0.654	0.641	2.0	114	0.00
85	n-Butylbenzene	1.094	1.063	2.8	115	0.00
86 T	Hexachloroethane	0.220	0.203	7.7	108	0.00
87 M	1,2-Dichlorobenzene	0.674	0.674	0.0	113	0.00
88	1,2-Dibromo-3-Chloropropane	0.053	0.054	-1.9	121	0.00
89	1,2,4-Trichlorobenzene	0.301	0.312	-3.7	140	0.00
90	Hexachlorobutadiene	0.220	0.250	-13.6	121	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
91 M	Naphthalene	0.631	0.713	-13.0	166#	0.00
92	1,2,3-Trichlorobenzene	0.301	0.324	-7.6	138	0.00

(#) = Out of Range

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