

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN081019\
 Data File : VN057169.D
 Acq On : 10 Aug 2019 11:50
 Operator : JC/SP
 Sample : VSTDICV020
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 ICSVN081019

Quant Time: Aug 11 03:59:11 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA N\METHODS\624N081019W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Sun Aug 11 03:53:25 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	118	0.00
2 M	Dichlorodifluoromethane	1.636	1.661	-1.5	108	0.00
3 M	Chloromethane	1.896	2.009	-6.0	116	0.00
4 M	Vinyl Chloride	1.928	1.995	-3.5	116	0.00
5 M	Bromomethane	1.374	1.596	-16.2	131	0.00
6 M	Chloroethane	1.250	1.241	0.7	111	0.00
7 M	Trichlorofluoromethane	2.875	2.820	1.9	108	0.00
8 T	Diethyl Ether	1.072	1.072	0.0	113	0.00
9	1,1,2-Trichlorotrifluoroeth	1.739	1.688	2.9	110	0.00
10 M	1,1-Dichloroethene	1.720	1.701	1.1	112	0.00
11	Methyl Iodide	2.683	2.486	7.3	106	0.00
12	Methyl Acetate	1.791	1.808	-0.9	114	0.00
13 M	Acrolein	0.198	0.201	-1.5	122	0.00
14 M	Acrylonitrile	0.747	0.767	-2.7	115	0.00
15 M	Acetone	0.248	0.239	3.6	93	0.00
16 M	Carbon Disulfide	4.639	4.854	-4.6	122	0.00
17	Allyl chloride	2.535	2.637	-4.0	114	0.00
18 M	Methylene Chloride	1.950	1.908	2.2	109	0.00
19 M	trans-1,2-Dichloroethene	1.844	1.865	-1.1	115	0.00
20 T	Diisopropyl ether	5.170	5.235	-1.3	114	0.00
21 M	1,1-Dichloroethane	3.220	3.201	0.6	112	0.00
22 M	cis-1,2-Dichloroethene	2.098	2.130	-1.5	115	0.00
23 M	tert-Butyl Alcohol	0.247	0.256	-3.6	115	0.00
24 M	Methyl tert-Butyl Ether	5.057	5.081	-0.5	114	0.00
25 M	Chloroform	3.311	3.259	1.6	113	0.00
26	Cyclohexane	2.753	2.736	0.6	114	0.00
27 s	1,2-Dichloroethane-d4	1.956	1.893	3.2	113	0.00
28 I	1,4-Difluorobenzene	1.000	1.000	0.0	118	0.00
29	1,1-Dichloropropene	0.451	0.444	1.6	111	0.00
30 M	2-Butanone	0.178	0.175	1.7	106	0.00
31	2,2-Dichloropropane	0.482	0.482	0.0	113	0.00
32 M	1,1,1-Trichloroethane	0.522	0.521	0.2	113	0.00
33 M	Carbon Tetrachloride	0.465	0.452	2.8	112	0.00
34 M	Benzene	1.377	1.365	0.9	114	0.00
35	Methacrylonitrile	0.180	0.190	-5.6	119	0.00
36 M	1,2-Dichloroethane	0.440	0.423	3.9	109	0.00
37 M	Trichloroethene	0.391	0.387	1.0	113	0.00
38	Methylcyclohexane	0.538	0.536	0.4	115	0.00
39 M	1,2-Dichloropropane	0.355	0.356	-0.3	115	0.00
40	Dibromomethane	0.229	0.227	0.9	112	0.00
41 M	Bromodichloromethane	0.454	0.447	1.5	111	0.00
42 M	Vinyl Acetate	0.738	0.751	-1.8	117	0.00
43	Ethyl Acetate	0.328	0.327	0.3	109	0.00
44	Isopropyl Acetate	0.595	0.600	-0.8	114	0.00
45 T	1,4-Dioxane	0.006	0.006#	0.0	114	0.00

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	Compound	AvqRF	CCRF	%Dev	Area%	Dev(min)
46	Methyl methacrylate	0.271	0.273	-0.7	118	0.00
47	n-amyl Acetate	0.438	0.431	1.6	125	0.00
48 M	t-1,3-Dichloropropene	0.485	0.479	1.2	115	0.00
49 T	cis-1,3-Dichloropropene	0.549	0.551	-0.4	116	0.00
50 M	1,1,2-Trichloroethane	0.327	0.324	0.9	113	0.00
51	Ethyl methacrylate	0.461	0.472	-2.4	121	0.00
52	1,3-Dichloropropane	0.544	0.541	0.6	113	0.00
53 M	Dibromochloromethane	0.368	0.362	1.6	114	0.00
54 M	1,2-Dibromoethane	0.341	0.340	0.3	115	0.00
55 M	2-Chloroethyl vinyl ether	0.130	0.121	6.9	125	0.00
56 M	Bromoform	0.272	0.263	3.3	116	0.00
57 I	Chlorobenzene-d5	1.000	1.000	0.0	117	0.00
58 M	4-Methyl-2-Pentanone	0.385	0.400	-3.9	116	0.00
59 M	2-Hexanone	0.277	0.286	-3.2	114	0.00
60 S	4-Bromofluorobenzene	0.447	0.421	5.8	114	0.00
61 M	Tetrachloroethene	0.460	0.459	0.2	110	0.00
62 M	Toluene	1.708	1.701	0.4	113	0.00
63 S	Toluene-d8	1.385	1.397	-0.9	118	0.00
64 M	Chlorobenzene	1.050	1.058	-0.8	116	0.00
65	1,1,1,2-Tetrachloroethane	0.403	0.407	-1.0	117	0.00
66 M	Ethyl Benzene	1.830	1.829	0.1	114	0.00
67 M	m/p-Xylenes	0.690	0.691	-0.1	114	0.00
68 M	o-Xylene	0.670	0.679	-1.3	115	0.00
69 M	Styrene	1.075	1.061	1.3	115	0.00
70	Isopropylbenzene	1.804	1.826	-1.2	115	0.00
71 M	1,1,2,2-Tetrachloroethane	0.494	0.505	-2.2	116	0.00
72	1,2,3-Trichloropropane	0.433	0.417	3.7	110	0.00
73	Bromobenzene	0.468	0.466	0.4	118	0.00
74	n-propylbenzene	1.894	1.844	2.6	116	0.00
75	2-Chlorotoluene	1.172	1.172	0.0	116	0.00
76	1,3,5-Trimethylbenzene	1.519	1.519	0.0	114	0.00
77	t-1,4-Dichloro-2-butene	0.146	0.141	3.4	121	0.00
78	4-Chlorotoluene	1.088	1.065	2.1	119	0.00
79	tert-butylbenzene	1.339	1.361	-1.6	116	0.00
80	1,2,4-Trimethylbenzene	1.433	1.434	-0.1	117	0.00
81	sec-Butylbenzene	1.688	1.636	3.1	113	0.00
82	p-Isopropyltoluene	1.503	1.434	4.6	117	0.00
83 M	1,3-Dichlorobenzene	0.712	0.681	4.4	119	0.00
84 M	1,4-Dichlorobenzene	0.663	0.617	6.9	120	0.00
85	n-Butylbenzene	1.087	1.065	2.0	124	0.00
86 T	Hexachloroethane	0.273	0.260	4.8	114	0.00
87 M	1,2-Dichlorobenzene	0.706	0.686	2.8	116	0.00
88	1,2-Dibromo-3-Chloropropane	0.069	0.067	2.9	121	0.00
89	1,2,4-Trichlorobenzene	0.283	0.301	-6.4	170#	0.00
90	Hexachlorobutadiene	0.305	0.302	1.0	118	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
91 M	Naphthalene	0.536	0.609	-13.6	199#	0.00
92	1,2,3-Trichlorobenzene	0.260	0.350	-34.6#	192#	0.00

(#) = Out of Range

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