

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN030119\
 Data File : VN054030.D
 Acq On : 1 Mar 2019 15:26
 Operator : JC/SP
 Sample : VSTDCCC020
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_N
 LabSampleId :
 VSTDCCC020

Quant Time: Mar 02 00:11:05 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA N\METHODS\624N030119W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Fri Mar 01 11:11:48 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	100	0.00
2 M	Dichlorodifluoromethane	1.696	1.689	0.4	98	0.00
3 M	Chloromethane	2.256	2.310	-2.4	101	0.00
4 M	Vinyl Chloride	2.259	2.256	0.1	99	0.00
5 M	Bromomethane	1.390	1.383	0.5	99	0.00
6 M	Chloroethane	1.330	1.323	0.5	98	0.00
7 M	Trichlorofluoromethane	2.745	2.783	-1.4	100	0.00
8 T	Diethyl Ether	1.032	1.045	-1.3	100	0.00
9	1,1,2-Trichlorotrifluoroeth	1.765	1.743	1.2	98	0.00
10 M	1,1-Dichloroethene	1.654	1.635	1.1	98	0.00
11	Methyl Iodide	2.453	2.307	6.0	96	0.00
12	Methyl Acetate	1.394	1.401	-0.5	105	0.00
13 M	Acrolein	0.133	0.096	27.8	65	0.00
14 M	Acrylonitrile	0.670	0.679	-1.3	104	0.00
15 M	Acetone	0.193	0.166	14.0	80	0.00
16 M	Carbon Disulfide	5.365	5.231	2.5	99	0.00
17	Allyl chloride	2.924	2.988	-2.2	101	0.00
18 M	Methylene Chloride	1.909	1.928	-1.0	99	0.00
19 M	trans-1,2-Dichloroethene	1.794	1.778	0.9	99	0.00
20 T	Diisopropyl ether	5.850	5.878	-0.5	101	0.00
21 M	1,1-Dichloroethane	3.455	3.470	-0.4	100	0.00
22 M	cis-1,2-Dichloroethene	1.997	2.001	-0.2	100	0.00
23 M	tert-Butyl Alcohol	0.120	0.136	-13.3	119	0.01
24 M	Methyl tert-Butyl Ether	4.477	4.630	-3.4	106	0.00
25 M	Chloroform	3.334	3.327	0.2	98	0.00
26	Cyclohexane	3.144	3.203	-1.9	103	0.00
27 s	1,2-Dichloroethane-d4	2.107	2.111	-0.2	99	0.00
28 I	1,4-Difluorobenzene	1.000	1.000	0.0	99	0.00
29	1,1-Dichloropropene	0.470	0.473	-0.6	101	0.00
30 M	2-Butanone	0.148	0.145	2.0	98	0.00
31	2,2-Dichloropropane	0.463	0.436	5.8	94	0.00
32 M	1,1,1-Trichloroethane	0.505	0.511	-1.2	100	0.00
33 M	Carbon Tetrachloride	0.448	0.445	0.7	97	0.00
34 M	Benzene	1.397	1.406	-0.6	99	0.00
35	Methacrylonitrile	0.166	0.154	7.2	87	0.00
36 M	1,2-Dichloroethane	0.448	0.456	-1.8	99	0.00
37 M	Trichloroethene	0.365	0.375	-2.7	103	0.00
38	Methylcyclohexane	0.555	0.545	1.8	101	0.00
39 M	1,2-Dichloropropane	0.383	0.388	-1.3	99	0.00
40	Dibromomethane	0.219	0.223	-1.8	101	0.00
41 M	Bromodichloromethane	0.465	0.462	0.6	99	0.00
42 M	Vinyl Acetate	0.767	0.771	-0.5	103	0.00
43	Ethyl Acetate	0.311	0.306	1.6	92	0.00
44	Isopropyl Acetate	0.545	0.563	-3.3	106	0.00
45 T	1,4-Dioxane	0.003	0.004#	-33.3#	113	0.00

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	Compound	AvqRF	CCRF	%Dev	Area%	Dev(min)
46	Methyl methacrylate	0.262	0.262	0.0	106	0.00
47	n-amyl Acetate	0.401	0.409	-2.0	112	0.00
48 M	t-1,3-Dichloropropene	0.467	0.443	5.1	99	0.00
49 T	cis-1,3-Dichloropropene	0.548	0.533	2.7	99	0.00
50 M	1,1,2-Trichloroethane	0.308	0.318	-3.2	101	0.00
51	Ethyl methacrylate	0.370	0.370	0.0	106	0.00
52	1,3-Dichloropropane	0.528	0.535	-1.3	100	0.00
53 M	Dibromochloromethane	0.338	0.332	1.8	99	0.00
54 M	1,2-Dibromoethane	0.293	0.292	0.3	100	0.00
55 M	2-Chloroethyl vinyl ether	0.172	0.175	-1.7	110	0.00
56 M	Bromoform	0.224	0.215	4.0	98	0.00
57 I	Chlorobenzene-d5	1.000	1.000	0.0	100	0.00
58 M	4-Methyl-2-Pentanone	0.338	0.355	-5.0	107	0.00
59 M	2-Hexanone	0.221	0.224	-1.4	105	0.00
60 S	4-Bromofluorobenzene	0.459	0.465	-1.3	102	0.00
61 M	Tetrachloroethene	0.417	0.424	-1.7	97	0.00
62 M	Toluene	1.677	1.703	-1.6	100	0.00
63 S	Toluene-d8	1.443	1.457	-1.0	99	0.00
64 M	Chlorobenzene	1.021	1.019	0.2	100	0.00
65	1,1,1,2-Tetrachloroethane	0.375	0.374	0.3	100	0.00
66 M	Ethyl Benzene	1.753	1.747	0.3	100	0.00
67 M	m/p-Xylenes	0.660	0.674	-2.1	100	0.00
68 M	o-Xylene	0.640	0.647	-1.1	101	0.00
69 M	Styrene	1.013	1.023	-1.0	100	0.00
70	Isopropylbenzene	1.679	1.706	-1.6	100	0.00
71 M	1,1,2,2-Tetrachloroethane	0.414	0.421	-1.7	103	0.00
72	1,2,3-Trichloropropane	0.315	0.355	-12.7	113	0.00
73	Bromobenzene	0.423	0.417	1.4	99	0.00
74	n-propylbenzene	1.999	2.002	-0.2	99	0.00
75	2-Chlorotoluene	1.171	1.201	-2.6	102	0.00
76	1,3,5-Trimethylbenzene	1.422	1.438	-1.1	100	0.00
77	t-1,4-Dichloro-2-butene	0.112	0.103	8.0	100	0.00
78	4-Chlorotoluene	1.171	1.191	-1.7	101	0.00
79	tert-butylbenzene	1.246	1.238	0.6	99	0.00
80	1,2,4-Trimethylbenzene	1.415	1.447	-2.3	101	0.00
81	sec-Butylbenzene	1.709	1.696	0.8	98	0.00
82	p-Isopropyltoluene	1.459	1.444	1.0	99	0.00
83 M	1,3-Dichlorobenzene	0.747	0.748	-0.1	101	0.00
84 M	1,4-Dichlorobenzene	0.713	0.694	2.7	99	0.00
85	n-Butylbenzene	1.272	1.212	4.7	100	0.00
86 T	Hexachloroethane	0.273	0.243	11.0	93	0.00
87 M	1,2-Dichlorobenzene	0.724	0.726	-0.3	100	0.00
88	1,2-Dibromo-3-Chloropropane	0.060	0.061	-1.7	104	0.00
89	1,2,4-Trichlorobenzene	0.368	0.348	5.4	107	0.00
90	Hexachlorobutadiene	0.267	0.249	6.7	94	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
91 M	Naphthalene	0.738	0.698	5.4	114	0.00
92	1,2,3-Trichlorobenzene	0.363	0.354	2.5	105	0.00

(#) = Out of Range

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