

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN070319\
 Data File : VN056587.D
 Acq On : 3 Jul 2019 15:17
 Operator : JC/SP
 Sample : VSTDCCC020
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_N
 LabSampleId :
 VSTDCCC020

Quant Time: Jul 03 22:34:48 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA N\METHODS\624N070319W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Wed Jul 03 11:05:14 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	104	0.00
2 M	Dichlorodifluoromethane	1.504	1.524	-1.3	106	0.00
3 M	Chloromethane	2.183	2.000	8.4	98	0.00
4 M	Vinyl Chloride	2.055	2.021	1.7	107	0.00
5 M	Bromomethane	1.096	1.258	-14.8	115	0.00
6 M	Chloroethane	1.138	1.089	4.3	103	0.00
7 M	Trichlorofluoromethane	2.638	2.592	1.7	104	0.00
8 T	Diethyl Ether	1.119	1.073	4.1	103	0.00
9	1,1,2-Trichlorotrifluoroeth	1.671	1.632	2.3	105	0.00
10 M	1,1-Dichloroethene	1.640	1.561	4.8	101	0.00
11	Methyl Iodide	2.345	2.177	7.2	106	0.00
12	Methyl Acetate	2.212	2.050	7.3	105	0.00
13 M	Acrolein	0.216	0.173	19.9	87	0.00
14 M	Acrylonitrile	0.971	0.902	7.1	100	0.00
15 M	Acetone	0.271	0.239	11.8	92	0.00
16 M	Carbon Disulfide	3.943	3.691	6.4	106	0.00
17	Allyl chloride	2.870	2.655	7.5	102	0.00
18 M	Methylene Chloride	1.939	1.861	4.0	103	0.00
19 M	trans-1,2-Dichloroethene	1.779	1.703	4.3	103	0.00
20 T	Diisopropyl ether	5.929	5.740	3.2	103	0.00
21 M	1,1-Dichloroethane	3.345	3.167	5.3	101	0.00
22 M	cis-1,2-Dichloroethene	2.092	2.012	3.8	104	0.00
23 M	tert-Butyl Alcohol	0.363	0.338	6.9	109	0.00
24 M	Methyl tert-Butyl Ether	5.424	5.185	4.4	104	0.00
25 M	Chloroform	3.278	3.150	3.9	103	0.00
26	Cyclohexane	3.081	2.989	3.0	105	0.00
27 s	1,2-Dichloroethane-d4	2.068	2.068	0.0	104	0.00
28 I	1,4-Difluorobenzene	1.000	1.000	0.0	104	0.00
29	1,1-Dichloropropene	0.443	0.428	3.4	105	0.00
30 M	2-Butanone	0.246	0.217	11.8	93	0.00
31	2,2-Dichloropropane	0.426	0.361	15.3	93	0.00
32 M	1,1,1-Trichloroethane	0.472	0.451	4.4	103	0.00
33 M	Carbon Tetrachloride	0.400	0.372	7.0	103	0.00
34 M	Benzene	1.385	1.335	3.6	104	0.00
35	Methacrylonitrile	0.218	0.190	12.8	89	0.00
36 M	1,2-Dichloroethane	0.450	0.431	4.2	103	0.00
37 M	Trichloroethene	0.361	0.350	3.0	106	0.00
38	Methylcyclohexane	0.555	0.534	3.8	105	0.00
39 M	1,2-Dichloropropane	0.373	0.357	4.3	102	0.00
40	Dibromomethane	0.231	0.220	4.8	103	0.00
41 M	Bromodichloromethane	0.427	0.398	6.8	103	0.00
42 M	Vinyl Acetate	0.874	0.829	5.1	103	0.00
43	Ethyl Acetate	0.475	0.418	12.0	94	0.00
44	Isopropyl Acetate	0.741	0.678	8.5	100	0.00
45 T	1,4-Dioxane	0.007	0.007#	0.0	104	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
46	Methyl methacrylate	0.364	0.333	8.5	102	0.00
47	n-amyl Acetate	0.616	0.554	10.1	102	0.00
48 M	t-1,3-Dichloropropene	0.458	0.413	9.8	103	0.00
49 T	cis-1,3-Dichloropropene	0.528	0.490	7.2	104	0.00
50 M	1,1,2-Trichloroethane	0.340	0.328	3.5	104	0.00
51	Ethyl methacrylate	0.535	0.497	7.1	101	0.00
52	1,3-Dichloropropane	0.577	0.552	4.3	104	0.00
53 M	Dibromochloromethane	0.333	0.303	9.0	102	0.00
54 M	1,2-Dibromoethane	0.354	0.334	5.6	104	0.00
55 M	2-Chloroethyl vinyl ether	0.273	0.251	8.1	100	0.00
56 M	Bromoform	0.242	0.206	14.9	100	0.00
57 I	Chlorobenzene-d5	1.000	1.000	0.0	104	0.00
58 M	4-Methyl-2-Pentanone	0.539	0.514	4.6	100	0.00
59 M	2-Hexanone	0.400	0.364	9.0	97	0.00
60 S	4-Bromofluorobenzene	0.461	0.458	0.7	106	0.00
61 M	Tetrachloroethene	0.377	0.378	-0.3	105	0.00
62 M	Toluene	1.674	1.646	1.7	104	0.00
63 S	Toluene-d8	1.394	1.416	-1.6	103	0.00
64 M	Chlorobenzene	1.009	0.981	2.8	104	0.00
65	1,1,1,2-Tetrachloroethane	0.363	0.350	3.6	105	0.00
66 M	Ethyl Benzene	1.815	1.749	3.6	103	0.00
67 M	m/p-Xylenes	0.670	0.663	1.0	106	0.00
68 M	o-Xylene	0.663	0.645	2.7	104	0.00
69 M	Styrene	1.102	1.068	3.1	104	0.00
70	Isopropylbenzene	1.729	1.704	1.4	104	0.00
71 M	1,1,2,2-Tetrachloroethane	0.572	0.540	5.6	101	0.00
72	1,2,3-Trichloropropane	0.481	0.469	2.5	99	0.00
73	Bromobenzene	0.446	0.427	4.3	103	0.00
74	n-propylbenzene	1.961	1.899	3.2	106	0.00
75	2-Chlorotoluene	1.173	1.152	1.8	105	0.00
76	1,3,5-Trimethylbenzene	1.464	1.463	0.1	107	0.00
77	t-1,4-Dichloro-2-butene	0.154	0.124	19.5	97	0.00
78	4-Chlorotoluene	1.141	1.095	4.0	104	0.00
79	tert-butylbenzene	1.251	1.213	3.0	104	0.00
80	1,2,4-Trimethylbenzene	1.446	1.420	1.8	106	0.00
81	sec-Butylbenzene	1.659	1.623	2.2	106	0.00
82	p-Isopropyltoluene	1.491	1.463	1.9	107	0.00
83 M	1,3-Dichlorobenzene	0.740	0.721	2.6	108	0.00
84 M	1,4-Dichlorobenzene	0.714	0.683	4.3	106	0.00
85	n-Butylbenzene	1.253	1.172	6.5	105	0.00
86 T	Hexachloroethane	0.225	0.207	8.0	106	0.00
87 M	1,2-Dichlorobenzene	0.752	0.726	3.5	103	0.00
88	1,2-Dibromo-3-Chloropropane	0.102	0.087	14.7	98	0.00
89	1,2,4-Trichlorobenzene	0.416	0.372	10.6	110	0.00
90	Hexachlorobutadiene	0.258	0.247	4.3	104	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
91 M	Naphthalene	1.166	0.983	15.7	104	0.00
92	1,2,3-Trichlorobenzene	0.436	0.391	10.3	106	0.00

(#) = Out of Range

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