

Data Path : Z:\voasrv\HPCHEM1\MSVOA N\Data\VN092019\
 Data File : VN058234.D
 Acq On : 20 Sep 2019 8:47
 Operator : JC/SP
 Sample : VSTDCCC020
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_N
 LabSampleId :
 VSTDCCC020

Quant Time: Sep 23 03:35:58 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA N\METHODS\624N090919W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Mon Sep 09 12:14:07 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	113	0.00
2 M	Dichlorodifluoromethane	1.813	1.768	2.5	112	0.00
3 M	Chloromethane	2.260	1.915	15.3	96	0.00
4 M	Vinyl Chloride	2.312	1.955	15.4	94	0.00
5 M	Bromomethane	1.443	0.954	33.9#	72	0.00
6 M	Chloroethane	1.437	1.218	15.2	93	0.00
7 M	Trichlorofluoromethane	2.672	2.436	8.8	91	0.00
8 T	Diethyl Ether	1.078	1.085	-0.6	115	0.00
9	1,1,2-Trichlorotrifluoroeth	1.668	1.746	-4.7	118	0.00
10 M	1,1-Dichloroethene	1.586	1.565	1.3	114	0.00
11	Methyl Iodide	2.122	1.526	28.1	83	0.00
12	Methyl Acetate	2.177	2.094	3.8	108	0.00
13 M	Acrolein	0.118	0.129	-9.3	137	0.00
14 M	Acrylonitrile	0.887	0.854	3.7	110	0.00
15 M	Acetone	0.252	0.283	-12.3	118	0.00
16 M	Carbon Disulfide	3.694	3.246	12.1	106	0.00
17	Allyl chloride	2.907	2.871	1.2	117	0.00
18 M	Methylene Chloride	1.999	1.959	2.0	113	0.00
19 M	trans-1,2-Dichloroethene	1.768	1.702	3.7	111	0.00
20 T	Diisopropyl ether	6.796	6.512	4.2	111	0.00
21 M	1,1-Dichloroethane	3.747	3.709	1.0	112	0.00
22 M	cis-1,2-Dichloroethene	2.166	2.170	-0.2	115	0.00
23 M	tert-Butyl Alcohol	0.290	0.255	12.1	98	-0.02
24 M	Methyl tert-Butyl Ether	6.080	5.858	3.7	110	0.00
25 M	Chloroform	3.815	3.809	0.2	115	0.00
26	Cyclohexane	3.148	2.995	4.9	111	0.00
27 s	1,2-Dichloroethane-d4	2.654	2.671	-0.6	108	0.00
28 I	1,4-Difluorobenzene	1.000	1.000	0.0	107	0.00
29	1,1-Dichloropropene	0.472	0.464	1.7	112	0.00
30 M	2-Butanone	0.213	0.223	-4.7	116	0.00
31	2,2-Dichloropropane	0.498	0.499	-0.2	118	0.00
32 M	1,1,1-Trichloroethane	0.531	0.534	-0.6	115	0.00
33 M	Carbon Tetrachloride	0.433	0.420	3.0	115	0.00
34 M	Benzene	1.398	1.400	-0.1	113	0.00
35	Methacrylonitrile	0.197	0.163	17.3	101	0.00
36 M	1,2-Dichloroethane	0.543	0.541	0.4	113	0.00
37 M	Trichloroethene	0.340	0.339	0.3	114	0.00
38	Methylcyclohexane	0.537	0.535	0.4	115	0.00
39 M	1,2-Dichloropropane	0.393	0.394	-0.3	114	0.00
40	Dibromomethane	0.239	0.236	1.3	111	0.00
41 M	Bromodichloromethane	0.482	0.462	4.1	114	0.00
42 M	Vinyl Acetate	0.855	0.890	-4.1	111	0.00
43	Ethyl Acetate	0.434	0.418	3.7	107	0.00
44	Isopropyl Acetate	0.757	0.746	1.5	116	0.00
45 T	1,4-Dioxane	0.006	0.005#	16.7	102	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
46	Methyl methacrylate	0.370	0.345	6.8	110	0.00
47	n-amyl Acetate	0.695	0.628	9.6	109	0.00
48 M	t-1,3-Dichloropropene	0.513	0.484	5.7	116	0.00
49 T	cis-1,3-Dichloropropene	0.575	0.554	3.7	116	0.00
50 M	1,1,2-Trichloroethane	0.346	0.347	-0.3	114	0.00
51	Ethyl methacrylate	0.537	0.504	6.1	112	0.00
52	1,3-Dichloropropane	0.606	0.599	1.2	113	0.00
53 M	Dibromochloromethane	0.342	0.322	5.8	119	0.00
54 M	1,2-Dibromoethane	0.345	0.334	3.2	113	0.00
55 M	2-Chloroethyl vinyl ether	0.255	0.229	10.2	98	0.00
56 M	Bromoform	0.212	0.189	10.8	117	0.00
57 I	Chlorobenzene-d5	1.000	1.000	0.0	109	0.00
58 M	4-Methyl-2-Pentanone	0.465	0.480	-3.2	109	0.00
59 M	2-Hexanone	0.349	0.365	-4.6	115	0.00
60 S	4-Bromofluorobenzene	0.513	0.515	-0.4	113	0.00
61 M	Tetrachloroethene	0.305	0.304	0.3	114	0.00
62 M	Toluene	1.661	1.683	-1.3	113	0.00
63 S	Toluene-d8	1.440	1.419	1.5	106	0.00
64 M	Chlorobenzene	1.030	1.019	1.1	112	0.00
65	1,1,1,2-Tetrachloroethane	0.358	0.354	1.1	118	0.00
66 M	Ethyl Benzene	1.813	1.868	-3.0	114	0.00
67 M	m/p-Xylenes	0.692	0.679	1.9	113	0.00
68 M	o-Xylene	0.678	0.651	4.0	113	0.00
69 M	Styrene	1.156	1.128	2.4	115	0.00
70	Isopropylbenzene	1.792	1.849	-3.2	114	0.00
71 M	1,1,2,2-Tetrachloroethane	0.560	0.549	2.0	113	0.00
72	1,2,3-Trichloropropane	0.497	0.486	2.2	114	0.00
73	Bromobenzene	0.429	0.425	0.9	119	0.00
74	n-propylbenzene	2.048	2.178	-6.3	116	0.00
75	2-Chlorotoluene	1.275	1.289	-1.1	118	0.00
76	1,3,5-Trimethylbenzene	1.526	1.529	-0.2	113	0.00
77	t-1,4-Dichloro-2-butene	0.147	0.128	12.9	122	0.00
78	4-Chlorotoluene	1.301	1.324	-1.8	121	0.00
79	tert-butylbenzene	1.331	1.310	1.6	112	0.00
80	1,2,4-Trimethylbenzene	1.521	1.549	-1.8	115	0.00
81	sec-Butylbenzene	1.766	1.796	-1.7	115	0.00
82	p-Isopropyltoluene	1.582	1.602	-1.3	114	0.00
83 M	1,3-Dichlorobenzene	0.798	0.791	0.9	118	0.00
84 M	1,4-Dichlorobenzene	0.785	0.782	0.4	121	0.00
85	n-Butylbenzene	1.474	1.432	2.8	111	0.00
86 T	Hexachloroethane	0.252	0.225	10.7	118	0.00
87 M	1,2-Dichlorobenzene	0.774	0.778	-0.5	121	0.00
88	1,2-Dibromo-3-Chloropropane	0.099	0.092	7.1	117	0.00
89	1,2,4-Trichlorobenzene	0.473	0.445	5.9	117	0.00
90	Hexachlorobutadiene	0.217	0.232	-6.9	125	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
91 M	Naphthalene	1.301	1.132	13.0	104	0.00
92	1,2,3-Trichlorobenzene	0.451	0.416	7.8	112	0.00

(#) = Out of Range

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