

Data Path : Z:\voasrv\HPCHEM1\MSVOA X\Data\WX020819\
 Data File : VX007434.D
 Acq On : 08 Feb 2019 11:09
 Operator : JC/SP
 Sample : VSTDCCC020
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_X
 LabSampleId :
 VSTDCCC020

Quant Time: Feb 08 14:49:41 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA X\METHOD\624X012519W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Mon Jan 28 10:35:22 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	122	0.00
2 M	Dichlorodifluoromethane	1.347	1.328	1.4	133	0.00
3 M	Chloromethane	1.506	1.505	0.1	128	0.00
4 M	Vinyl Chloride	1.708	1.717	-0.5	129	0.00
5 M	Bromomethane	1.781	1.887	-6.0	136	0.00
6 M	Chloroethane	1.151	1.163	-1.0	134	0.00
7 M	Trichlorofluoromethane	2.884	2.974	-3.1	134	0.00
8 T	Diethyl Ether	1.090	1.153	-5.8	136	0.00
9	1,1,2-Trichlorotrifluoroeth	1.704	1.809	-6.2	140	0.00
10 M	1,1-Dichloroethene	1.548	1.607	-3.8	134	0.00
11	Methyl Iodide	2.512	2.467	1.8	128	0.00
12	Methyl Acetate	2.637	2.774	-5.2	135	0.00
13 M	Acrolein	0.191	0.132	30.9#	96	0.00
14 M	Acrylonitrile	0.987	1.043	-5.7	132	0.00
15 M	Acetone	0.281	0.289	-2.8	126	0.00
16 M	Carbon Disulfide	3.734	3.587	3.9	132	0.00
17	Allyl chloride	2.692	2.788	-3.6	134	0.00
18 M	Methylene Chloride	1.785	1.832	-2.6	129	0.00
19 M	trans-1,2-Dichloroethene	1.677	1.685	-0.5	131	0.00
20 T	Diisopropyl ether	5.012	5.275	-5.2	133	0.00
21 M	1,1-Dichloroethane	2.863	3.065	-7.1	134	0.00
22 M	cis-1,2-Dichloroethene	1.844	1.975	-7.1	137	0.00
23 M	tert-Butyl Alcohol	0.415	0.420	-1.2	125	0.00
24 M	Methyl tert-Butyl Ether	5.423	5.688	-4.9	134	0.00
25 M	Chloroform	2.959	3.133	-5.9	133	0.00
26	Cyclohexane	2.411	2.545	-5.6	137	0.00
27 s	1,2-Dichloroethane-d4	1.969	1.923	2.3	119	0.00
28 I	1,4-Difluorobenzene	1.000	1.000	0.0	124	0.00
29	1,1-Dichloropropene	0.391	0.412	-5.4	134	0.00
30 M	2-Butanone	0.234	0.245	-4.7	128	0.00
31	2,2-Dichloropropane	0.395	0.434	-9.9	144	0.00
32 M	1,1,1-Trichloroethane	0.462	0.488	-5.6	136	0.00
33 M	Carbon Tetrachloride	0.406	0.430	-5.9	142	0.00
34 M	Benzene	1.206	1.280	-6.1	134	0.00
35	Methacrylonitrile	0.239	0.256	-7.1	136	0.00
36 M	1,2-Dichloroethane	0.416	0.433	-4.1	132	0.00
37 M	Trichloroethene	0.356	0.384	-7.9	137	0.00
38	Methylcyclohexane	0.496	0.521	-5.0	141	0.00
39 M	1,2-Dichloropropane	0.303	0.322	-6.3	137	0.00
40	Dibromomethane	0.218	0.231	-6.0	136	0.00
41 M	Bromodichloromethane	0.382	0.404	-5.8	140	0.00
42 M	Vinyl Acetate	0.792	0.816	-3.0	133	0.00
43	Ethyl Acetate	0.436	0.450	-3.2	131	0.00
44	Isopropyl Acetate	0.681	0.717	-5.3	138	0.00
45 T	1,4-Dioxane	0.008	0.008#	0.0	125	0.00

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	Compound	AvqRF	CCRF	%Dev	Area%	Dev(min)
46	Methyl methacrylate	0.348	0.358	-2.9	131	0.00
47	n-amyl Acetate	0.599	0.621	-3.7	134	0.00
48 M	t-1,3-Dichloropropene	0.417	0.444	-6.5	145	0.00
49 T	cis-1,3-Dichloropropene	0.463	0.489	-5.6	139	0.00
50 M	1,1,2-Trichloroethane	0.327	0.348	-6.4	136	0.00
51	Ethyl methacrylate	0.467	0.488	-4.5	135	0.00
52	1,3-Dichloropropane	0.524	0.554	-5.7	135	0.00
53 M	Dibromochloromethane	0.331	0.350	-5.7	141	0.00
54 M	1,2-Dibromoethane	0.352	0.371	-5.4	132	0.00
55 M	2-Chloroethyl vinyl ether	0.257	0.335	-30.4#	164#	0.00
56 M	Bromoform	0.251	0.257	-2.4	141	0.00
57 I	Chlorobenzene-d5	1.000	1.000	0.0	123	0.00
58 M	4-Methyl-2-Pentanone	0.502	0.534	-6.4	131	0.00
59 M	2-Hexanone	0.388	0.409	-5.4	127	0.00
60 S	4-Bromofluorobenzene	0.463	0.475	-2.6	124	0.00
61 M	Tetrachloroethene	0.418	0.447	-6.9	127	0.00
62 M	Toluene	1.510	1.605	-6.3	134	0.00
63 S	Toluene-d8	1.352	1.338	1.0	120	0.00
64 M	Chlorobenzene	0.996	1.072	-7.6	137	0.00
65	1,1,1,2-Tetrachloroethane	0.353	0.383	-8.5	142	0.00
66 M	Ethyl Benzene	1.636	1.769	-8.1	137	0.00
67 M	m/p-Xylenes	0.646	0.694	-7.4	136	0.00
68 M	o-Xylene	0.633	0.667	-5.4	134	0.00
69 M	Styrene	1.021	1.096	-7.3	138	0.00
70	Isopropylbenzene	1.676	1.842	-9.9	139	0.00
71 M	1,1,2,2-Tetrachloroethane	0.536	0.562	-4.9	131	0.00
72	1,2,3-Trichloropropane	0.504	0.543	-7.7	133	0.00
73	Bromobenzene	0.464	0.496	-6.9	136	0.00
74	n-propylbenzene	1.886	2.075	-10.0	139	0.00
75	2-Chlorotoluene	1.118	1.182	-5.7	133	0.00
76	1,3,5-Trimethylbenzene	1.399	1.495	-6.9	136	0.00
77	t-1,4-Dichloro-2-butene	0.147	0.150	-2.0	149	0.00
78	4-Chlorotoluene	1.302	1.376	-5.7	134	0.00
79	tert-butylbenzene	1.513	1.635	-8.1	139	0.00
80	1,2,4-Trimethylbenzene	1.416	1.522	-7.5	135	0.00
81	sec-Butylbenzene	1.686	1.836	-8.9	138	0.00
82	p-Isopropyltoluene	1.513	1.635	-8.1	139	0.00
83 M	1,3-Dichlorobenzene	0.824	0.895	-8.6	138	0.00
84 M	1,4-Dichlorobenzene	0.825	0.877	-6.3	134	0.00
85	n-Butylbenzene	1.299	1.374	-5.8	142	0.00
86 T	Hexachloroethane	0.234	0.257	-9.8	152#	0.00
87 M	1,2-Dichlorobenzene	0.821	0.877	-6.8	136	0.00
88	1,2-Dibromo-3-Chloropropane	0.109	0.112	-2.8	137	0.00
89	1,2,4-Trichlorobenzene	0.564	0.611	-8.3	143	0.00
90	Hexachlorobutadiene	0.269	0.292	-8.6	143	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
91 M	Naphthalene	1.706	1.861	-9.1	141	0.00
92	1,2,3-Trichlorobenzene	0.559	0.605	-8.2	139	0.00

(#) = Out of Range

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