

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX020320\
 Data File : VX014797.D
 Acq On : 03 Feb 2020 16:55
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_X
 LabSampleId :
 VSTDCCC050

Quant Time: Feb 03 18:18:58 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA X\METHOD\624X011520W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Wed Jan 15 12:41:12 2020
 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	134	0.00
2 M	Dichlorodifluoromethane	2.073	3.946	-90.4#	253#	0.00
3 M	Chloromethane	2.270	3.858	-70.0#	228#	0.00
4 M	Vinyl Chloride	2.549	4.519	-77.3#	239#	0.00
5 M	Bromomethane	1.590	2.825	-77.7#	286#	0.00
6 M	Chloroethane	1.437	2.441	-69.9#	226#	0.00
7 M	Trichlorofluoromethane	2.822	5.252	-86.1#	263#	0.00
8 T	Diethyl Ether	1.233	2.216	-79.7#	257#	0.00
9	1,1,2-Trichlorotrifluoroeth	1.651	3.172	-92.1#	266#	0.00
10 M	1,1-Dichloroethene	1.661	3.004	-80.9#	257#	0.00
11	Methyl Iodide	2.227	4.174	-87.4#	274#	0.00
12	Methyl Acetate	3.000	5.597	-86.6#	256#	0.00
13 M	Acrolein	0.315	0.640	-103.2#	284#	0.00
14 M	Acrylonitrile	1.027	1.837	-78.9#	245#	0.00
15 M	Acetone	0.344	0.474	-37.8#	181#	0.00
16 M	Carbon Disulfide	4.561	7.483	-64.1#	236#	0.00
17	Allyl chloride	3.074	5.452	-77.4#	254#	0.00
18 M	Methylene Chloride	1.944	3.488	-79.4#	249#	0.00
19 M	trans-1,2-Dichloroethene	1.788	3.221	-80.1#	255#	0.00
20 T	Diisopropyl ether	6.081	11.299	-85.8#	260#	0.00
21 M	1,1-Dichloroethane	3.304	6.075	-83.9#	258#	0.00
22 M	cis-1,2-Dichloroethene	2.054	3.742	-82.2#	260#	-0.01
23 M	tert-Butyl Alcohol	0.425	0.693	-63.1#	234#	-0.02
24 M	Methyl tert-Butyl Ether	5.527	10.438	-88.9#	266#	0.00
25 M	Chloroform	3.200	5.937	-85.5#	262#	-0.01
26	Cyclohexane	3.047	5.526	-81.4#	257#	0.00
27 s	1,2-Dichloroethane-d4	2.109	2.330	-10.5	149	0.00
28 I	1,4-Difluorobenzene	1.000	1.000	0.0	151#	0.00
29	1,1-Dichloropropene	0.440	0.738	-67.7#	266#	0.00
30 M	2-Butanone	0.279	0.419	-50.2#	229#	-0.01
31	2,2-Dichloropropane	0.471	0.831	-76.4#	283#	0.00
32 M	1,1,1-Trichloroethane	0.487	0.829	-70.2#	273#	0.00
33 M	Carbon Tetrachloride	0.418	0.726	-73.7#	280#	0.00
34 M	Benzene	1.360	2.202	-61.9#	252#	0.00
35	Methacrylonitrile	0.278	0.456	-64.0#	255#	0.00
36 M	1,2-Dichloroethane	0.473	0.794	-67.9#	261#	0.00
37 M	Trichloroethene	0.372	0.615	-65.3#	259#	-0.01
38	Methylcyclohexane	0.548	0.940	-71.5#	271#	0.00
39 M	1,2-Dichloropropane	0.354	0.588	-66.1#	261#	0.00
40	Dibromomethane	0.227	0.376	-65.6#	263#	0.00
41 M	Bromodichloromethane	0.445	0.771	-73.3#	280#	0.00
42 M	Vinyl Acetate	0.859	1.458	-69.7#	268#	0.00
43	Ethyl Acetate	0.505	0.801	-58.6#	243#	-0.01
44	Isopropyl Acetate	0.814	1.347	-65.5#	262#	0.00
45 T	1,4-Dioxane	0.008	0.012#	-50.0#	221#	0.00

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	Compound	AvqRF	CCRF	%Dev	Area%	Dev(min)
46	Methyl methacrylate	0.400	0.668	-67.0#	265#	0.00
47	n-amyl Acetate	0.682	1.189	-74.3#	293#	0.00
48 M	t-1,3-Dichloropropene	0.486	0.859	-76.7#	287#	0.00
49 T	cis-1,3-Dichloropropene	0.547	0.941	-72.0#	277#	0.00
50 M	1,1,2-Trichloroethane	0.346	0.579	-67.3#	260#	0.00
51	Ethyl methacrylate	0.538	0.910	-69.1#	280#	0.00
52	1,3-Dichloropropane	0.586	0.975	-66.4#	263#	0.00
53 M	Dibromochloromethane	0.354	0.625	-76.6#	290#	0.00
54 M	1,2-Dibromoethane	0.359	0.597	-66.3#	260#	0.00
55 M	2-Chloroethyl vinyl ether	0.247	0.313	-26.7	203#	0.00
56 M	Bromoform	0.272	0.487	-79.0#	293#	0.00
57 I	Chlorobenzene-d5	1.000	1.000	0.0	155#	0.00
58 M	4-Methyl-2-Pentanone	0.565	0.916	-62.1#	255#	0.00
59 M	2-Hexanone	0.437	0.700	-60.2#	251#	0.00
60 S	4-Bromofluorobenzene	0.480	0.479	0.2	155#	0.00
61 M	Tetrachloroethene	0.443	0.707	-59.6#	252#	0.00
62 M	Toluene	1.592	2.626	-64.9#	262#	0.00
63 S	Toluene-d8	1.355	1.317	2.8	148	0.00
64 M	Chlorobenzene	0.994	1.668	-67.8#	268#	0.00
65	1,1,1,2-Tetrachloroethane	0.367	0.625	-70.3#	272#	0.00
66 M	Ethyl Benzene	1.734	2.965	-71.0#	276#	0.00
67 M	m/p-Xylenes	0.664	1.126	-69.6#	272#	0.00
68 M	o-Xylene	0.647	1.088	-68.2#	272#	0.00
69 M	Styrene	1.096	1.871	-70.7#	279#	0.00
70	Isopropylbenzene	1.694	2.934	-73.2#	281#	0.00
71 M	1,1,2,2-Tetrachloroethane	0.571	0.938	-64.3#	263#	0.00
72	1,2,3-Trichloropropane	0.488	0.817	-67.4#	269#	0.00
73	Bromobenzene	0.449	0.754	-67.9#	272#	0.00
74	n-propylbenzene	1.936	3.401	-75.7#	288#	0.00
75	2-Chlorotoluene	1.160	1.966	-69.5#	276#	0.00
76	1,3,5-Trimethylbenzene	1.412	2.475	-75.3#	284#	0.00
77	t-1,4-Dichloro-2-butene	0.188	0.331	-76.1#	308#	0.00
78	4-Chlorotoluene	1.318	2.268	-72.1#	282#	0.00
79	tert-butylbenzene	1.321	2.361	-78.7#	293#	0.00
80	1,2,4-Trimethylbenzene	1.408	2.459	-74.6#	281#	0.00
81	sec-Butylbenzene	1.634	2.895	-77.2#	293#	0.00
82	p-Isopropyltoluene	1.492	2.673	-79.2#	293#	0.00
83 M	1,3-Dichlorobenzene	0.784	1.344	-71.4#	281#	0.00
84 M	1,4-Dichlorobenzene	0.777	1.350	-73.7#	291#	0.00
85	n-Butylbenzene	1.305	2.345	-79.7#	309#	0.00
86 T	Hexachloroethane	0.268	0.481	-79.5#	307#	0.00
87 M	1,2-Dichlorobenzene	0.791	1.342	-69.7#	277#	0.00
88	1,2-Dibromo-3-Chloropropane	0.122	0.206	-68.9#	278#	0.00
89	1,2,4-Trichlorobenzene	0.522	0.929	-78.0#	301#	0.00
90	Hexachlorobutadiene	0.261	0.479	-83.5#	307#	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
91 M	Naphthalene	1.576	2.771	-75.8#	290#	0.00
92	1,2,3-Trichlorobenzene	0.532	0.950	-78.6#	300#	0.00

(#) = Out of Range

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