

Data Path : Z:\voasrv\HPCHEM1\MSVOA X\Data\VX112020\
 Data File : VX019486.D
 Acq On : 19 Nov 2020 23:10
 Operator : JC/MD
 Sample : VSTDCCC020
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_X
 LabSampleId :
 VSTDCCC020

Quant Time: Nov 20 03:12:14 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA X\METHOD\624X112020W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Fri Nov 20 01:06:02 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	106	0.00
2 M	Dichlorodifluoromethane	1.668	1.583	5.1	98	0.00
3 M	Chloromethane	1.854	1.771	4.5	100	0.00
4 M	Vinyl Chloride	2.043	1.895	7.2	99	0.00
5 M	Bromomethane	0.778	0.740	4.9	99	0.00
6 M	Chloroethane	0.581	1.218	-109.6#	172#	0.00
7 M	Trichlorofluoromethane	2.911	2.624	9.9	98	0.00
8 T	Diethyl Ether	1.188	1.078	9.3	99	0.00
9	1,1,2-Trichlorotrifluoroeth	1.649	1.499	9.1	99	0.00
10 M	1,1-Dichloroethene	1.661	1.467	11.7	97	0.00
11	Methyl Iodide	2.104	1.792	14.8	99	0.00
12	Methyl Acetate	1.991	1.815	8.8	101	0.00
13 M	Acrolein	0.298	0.277	7.0	108	0.00
14 M	Acrylonitrile	0.971	0.901	7.2	102	0.00
15 M	Acetone	0.282	0.245	13.1	96	0.00
16 M	Carbon Disulfide	4.396	3.758	14.5	97	0.00
17	Allyl chloride	2.497	2.202	11.8	100	0.00
18 M	Methylene Chloride	2.009	1.866	7.1	100	0.00
19 M	trans-1,2-Dichloroethene	1.855	1.674	9.8	101	0.00
20 T	Diisopropyl ether	5.361	4.911	8.4	102	0.00
21 M	1,1-Dichloroethane	3.262	2.976	8.8	101	0.00
22 M	cis-1,2-Dichloroethene	2.147	1.935	9.9	101	0.00
23 M	tert-Butyl Alcohol	0.417	0.340	18.5	82	0.00
24 M	Methyl tert-Butyl Ether	5.711	5.215	8.7	102	0.00
25 M	Chloroform	3.427	3.122	8.9	100	0.00
26	Cyclohexane	2.793	2.508	10.2	101	0.00
27 s	1,2-Dichloroethane-d4	2.156	2.175	-0.9	106	0.00
28 I	1,4-Difluorobenzene	1.000	1.000	0.0	108	0.00
29	1,1-Dichloropropene	0.461	0.409	11.3	102	0.00
30 M	2-Butanone	0.233	0.204	12.4	97	0.00
31	2,2-Dichloropropane	0.518	0.415	19.9	90	0.00
32 M	1,1,1-Trichloroethane	0.541	0.480	11.3	100	0.01
33 M	Carbon Tetrachloride	0.459	0.400	12.9	100	0.00
34 M	Benzene	1.432	1.290	9.9	100	0.00
35	Methacrylonitrile	0.240	0.217	9.6	102	0.00
36 M	1,2-Dichloroethane	0.496	0.453	8.7	101	0.00
37 M	Trichloroethene	0.380	0.333	12.4	98	0.00
38	Methylcyclohexane	0.557	0.474	14.9	97	0.00
39 M	1,2-Dichloropropane	0.354	0.324	8.5	101	0.00
40	Dibromomethane	0.246	0.217	11.8	96	0.00
41 M	Bromodichloromethane	0.483	0.425	12.0	100	0.00
42 M	Vinyl Acetate	0.838	0.753	10.1	102	0.00
43	Ethyl Acetate	0.448	0.412	8.0	105	0.00
44	Isopropyl Acetate	0.727	0.649	10.7	101	0.00
45 T	1,4-Dioxane	0.008	0.007#	12.5	95	0.00

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	Compound	AvqRF	CCRF	%Dev	Area%	Dev(min)
46	Methyl methacrylate	0.356	0.319	10.4	102	0.00
47	n-amyl Acetate	0.607	0.532	12.4	102	0.00
48 M	t-1,3-Dichloropropene	0.525	0.448	14.7	98	0.00
49 T	cis-1,3-Dichloropropene	0.580	0.505	12.9	100	0.00
50 M	1,1,2-Trichloroethane	0.368	0.335	9.0	98	0.00
51	Ethyl methacrylate	0.527	0.471	10.6	104	0.00
52	1,3-Dichloropropane	0.615	0.564	8.3	100	0.00
53 M	Dibromochloromethane	0.367	0.323	12.0	99	0.00
54 M	1,2-Dibromoethane	0.381	0.351	7.9	100	0.00
55 M	2-Chloroethyl vinyl ether	0.290	0.266	8.3	103	0.00
56 M	Bromoform	0.260	0.219	15.8	99	0.00
57 I	Chlorobenzene-d5	1.000	1.000	0.0	106	0.00
58 M	4-Methyl-2-Pentanone	0.479	0.436	9.0	102	0.00
59 M	2-Hexanone	0.370	0.324	12.4	98	0.00
60 S	4-Bromofluorobenzene	0.489	0.480	1.8	106	0.00
61 M	Tetrachloroethene	0.391	0.362	7.4	97	0.00
62 M	Toluene	1.678	1.504	10.4	101	0.00
63 S	Toluene-d8	1.337	1.340	-0.2	106	0.00
64 M	Chlorobenzene	1.022	0.937	8.3	101	0.00
65	1,1,1,2-Tetrachloroethane	0.376	0.335	10.9	100	0.00
66 M	Ethyl Benzene	1.839	1.638	10.9	99	0.00
67 M	m/p-Xylenes	0.689	0.619	10.2	100	0.00
68 M	o-Xylene	0.653	0.597	8.6	103	0.00
69 M	Styrene	1.112	0.994	10.6	101	0.00
70	Isopropylbenzene	1.769	1.588	10.2	99	0.00
71 M	1,1,2,2-Tetrachloroethane	0.604	0.534	11.6	99	0.00
72	1,2,3-Trichloropropane	0.543	0.490	9.8	101	0.00
73	Bromobenzene	0.441	0.389	11.8	99	0.00
74	n-propylbenzene	2.057	1.814	11.8	98	0.00
75	2-Chlorotoluene	1.234	1.110	10.0	99	0.00
76	1,3,5-Trimethylbenzene	1.499	1.328	11.4	100	0.00
77	t-1,4-Dichloro-2-butene	0.186	0.143	23.1	94	0.00
78	4-Chlorotoluene	1.442	1.267	12.1	98	0.00
79	tert-butylbenzene	1.438	1.238	13.9	98	0.00
80	1,2,4-Trimethylbenzene	1.507	1.336	11.3	100	0.00
81	sec-Butylbenzene	1.726	1.504	12.9	97	0.00
82	p-Isopropyltoluene	1.570	1.354	13.8	98	0.00
83 M	1,3-Dichlorobenzene	0.814	0.690	15.2	94	0.00
84 M	1,4-Dichlorobenzene	0.824	0.699	15.2	94	0.00
85	n-Butylbenzene	1.433	1.164	18.8	95	0.00
86 T	Hexachloroethane	0.264	0.216	18.2	96	0.00
87 M	1,2-Dichlorobenzene	0.805	0.688	14.5	95	0.00
88	1,2-Dibromo-3-Chloropropane	0.127	0.101	20.5	95	0.00
89	1,2,4-Trichlorobenzene	0.537	0.437	18.6	96	0.00
90	Hexachlorobutadiene	0.241	0.191	20.7	86	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
91 M	Naphthalene	1.709	1.405	17.8	97	0.00
92	1,2,3-Trichlorobenzene	0.537	0.442	17.7	96	0.00

(#) = Out of Range

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