

Data Path : Z:\voasrv\HPCHEM1\MSVOA X\Data\VX112020\
 Data File : VX019473.D
 Acq On : 19 Nov 2020 18:08
 Operator : JC/MD
 Sample : VSTDICV020
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 ICVVX112020

Quant Time: Nov 20 01:58:24 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	111	0.00
2 M	Dichlorodifluoromethane	1.668	1.552	7.0	100	0.00
3 M	Chloromethane	1.854	1.827	1.5	107	0.00
4 M	Vinyl Chloride	2.043	1.920	6.0	105	0.00
5 M	Bromomethane	0.778	0.806	-3.6	112	0.00
6 M	Chloroethane	0.581	0.588	-1.2	87	0.00
7 M	Trichlorofluoromethane	2.911	2.649	9.0	103	0.00
8 T	Diethyl Ether	1.188	1.079	9.2	104	0.00
9	1,1,2-Trichlorotrifluoroeth	1.649	1.491	9.6	103	0.00
10 M	1,1-Dichloroethene	1.661	1.505	9.4	103	0.00
11	Methyl Iodide	2.104	1.653	21.4	95	0.00
12	Methyl Acetate	1.991	1.904	4.4	110	0.00
13 M	Acrolein	0.298	0.264	11.4	107	0.00
14 M	Acrylonitrile	0.971	0.933	3.9	110	0.00
15 M	Acetone	0.282	0.260	7.8	105	0.00
16 M	Carbon Disulfide	4.396	4.325	1.6	117	0.00
17	Allyl chloride	2.497	2.352	5.8	111	0.00
18 M	Methylene Chloride	2.009	1.837	8.6	102	0.00
19 M	trans-1,2-Dichloroethene	1.855	1.768	4.7	111	0.00
20 T	Diisopropyl ether	5.361	4.987	7.0	108	0.00
21 M	1,1-Dichloroethane	3.262	2.981	8.6	105	0.00
22 M	cis-1,2-Dichloroethene	2.147	2.006	6.6	109	0.00
23 M	tert-Butyl Alcohol	0.417	0.426	-2.2	107	0.00
24 M	Methyl tert-Butyl Ether	5.711	5.374	5.9	110	0.00
25 M	Chloroform	3.427	3.160	7.8	106	0.00
26	Cyclohexane	2.793	2.559	8.4	107	0.00
27 s	1,2-Dichloroethane-d4	2.156	2.177	-1.0	110	0.00
28 I	1,4-Difluorobenzene	1.000	1.000	0.0	114	0.00
29	1,1-Dichloropropene	0.461	0.420	8.9	110	0.00
30 M	2-Butanone	0.233	0.218	6.4	109	0.00
31	2,2-Dichloropropane	0.518	0.458	11.6	104	0.00
32 M	1,1,1-Trichloroethane	0.541	0.484	10.5	106	0.00
33 M	Carbon Tetrachloride	0.459	0.407	11.3	107	0.00
34 M	Benzene	1.432	1.295	9.6	106	0.00
35	Methacrylonitrile	0.240	0.228	5.0	113	0.00
36 M	1,2-Dichloroethane	0.496	0.439	11.5	103	0.00
37 M	Trichloroethene	0.380	0.345	9.2	107	0.00
38	Methylcyclohexane	0.557	0.498	10.6	108	0.00
39 M	1,2-Dichloropropane	0.354	0.322	9.0	105	0.00
40	Dibromomethane	0.246	0.226	8.1	105	0.00
41 M	Bromodichloromethane	0.483	0.427	11.6	106	0.00
42 M	Vinyl Acetate	0.838	0.770	8.1	110	0.00
43	Ethyl Acetate	0.448	0.420	6.3	112	0.00
44	Isopropyl Acetate	0.727	0.669	8.0	110	0.00
45 T	1,4-Dioxane	0.008	0.008#	0.0	115	0.00

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	Compound	AvqRF	CCRF	%Dev	Area%	Dev(min)
46	Methyl methacrylate	0.356	0.331	7.0	112	0.00
47	n-amyl Acetate	0.607	0.556	8.4	112	0.00
48 M	t-1,3-Dichloropropene	0.525	0.481	8.4	110	0.00
49 T	cis-1,3-Dichloropropene	0.580	0.525	9.5	109	0.00
50 M	1,1,2-Trichloroethane	0.368	0.336	8.7	103	0.00
51	Ethyl methacrylate	0.527	0.490	7.0	113	0.00
52	1,3-Dichloropropane	0.615	0.563	8.5	105	0.00
53 M	Dibromochloromethane	0.367	0.335	8.7	109	0.00
54 M	1,2-Dibromoethane	0.381	0.351	7.9	106	0.00
55 M	2-Chloroethyl vinyl ether	0.290	0.272	6.2	110	0.00
56 M	Bromoform	0.260	0.233	10.4	111	0.00
57 I	Chlorobenzene-d5	1.000	1.000	0.0	111	0.00
58 M	4-Methyl-2-Pentanone	0.479	0.450	6.1	110	0.00
59 M	2-Hexanone	0.370	0.342	7.6	109	0.00
60 S	4-Bromofluorobenzene	0.489	0.495	-1.2	114	0.00
61 M	Tetrachloroethene	0.391	0.354	9.5	100	0.00
62 M	Toluene	1.678	1.515	9.7	106	0.00
63 S	Toluene-d8	1.337	1.316	1.6	109	0.00
64 M	Chlorobenzene	1.022	0.954	6.7	108	0.00
65	1,1,1,2-Tetrachloroethane	0.376	0.337	10.4	106	0.00
66 M	Ethyl Benzene	1.839	1.668	9.3	106	0.00
67 M	m/p-Xylenes	0.689	0.638	7.4	108	0.00
68 M	o-Xylene	0.653	0.611	6.4	110	0.00
69 M	Styrene	1.112	1.027	7.6	109	0.00
70	Isopropylbenzene	1.769	1.644	7.1	108	0.00
71 M	1,1,2,2-Tetrachloroethane	0.604	0.547	9.4	106	0.00
72	1,2,3-Trichloropropane	0.543	0.501	7.7	108	0.00
73	Bromobenzene	0.441	0.404	8.4	108	0.00
74	n-propylbenzene	2.057	1.905	7.4	109	0.00
75	2-Chlorotoluene	1.234	1.152	6.6	108	0.00
76	1,3,5-Trimethylbenzene	1.499	1.382	7.8	109	0.00
77	t-1,4-Dichloro-2-butene	0.186	0.167	10.2	116	0.00
78	4-Chlorotoluene	1.442	1.335	7.4	108	0.00
79	tert-butylbenzene	1.438	1.322	8.1	110	0.00
80	1,2,4-Trimethylbenzene	1.507	1.384	8.2	108	0.00
81	sec-Butylbenzene	1.726	1.585	8.2	107	0.00
82	p-Isopropyltoluene	1.570	1.432	8.8	108	0.00
83 M	1,3-Dichlorobenzene	0.814	0.732	10.1	105	0.00
84 M	1,4-Dichlorobenzene	0.824	0.772	6.3	109	0.00
85	n-Butylbenzene	1.433	1.267	11.6	108	0.00
86 T	Hexachloroethane	0.264	0.226	14.4	106	0.00
87 M	1,2-Dichlorobenzene	0.805	0.733	8.9	106	0.00
88	1,2-Dibromo-3-Chloropropane	0.127	0.114	10.2	113	0.00
89	1,2,4-Trichlorobenzene	0.537	0.504	6.1	117	0.00
90	Hexachlorobutadiene	0.241	0.217	10.0	103	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
91 M	Naphthalene	1.709	1.592	6.8	115	0.00
92	1,2,3-Trichlorobenzene	0.537	0.494	8.0	112	0.00

(#) = Out of Range

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