

Data Path : Z:\voasrv\HPCHEM1\MSVOA X\Data\VX032620\
 Data File : VX015353.D
 Acq On : 26 Mar 2020 11:21
 Operator : JC/SP
 Sample : VSTDCCC020
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 LabSampleId :
 VSTDCCC020

Quant Time: Mar 27 07:58:13 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA X\METHOD\624X032520W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Thu Mar 26 02:31:53 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	130	-0.01
2 M	Dichlorodifluoromethane	1.433	1.374	4.1	135	0.00
3 M	Chloromethane	1.768	1.684	4.8	139	0.00
4 M	Vinyl Chloride	1.701	1.707	-0.4	142	0.00
5 M	Bromomethane	0.905	1.121	-23.9	139	0.00
6 M	Chloroethane	1.061	1.084	-2.2	140	0.00
7 M	Trichlorofluoromethane	2.431	2.493	-2.6	141	0.00
8 T	Diethyl Ether	0.935	0.984	-5.2	148	0.00
9	1,1,2-Trichlorotrifluoroeth	1.608	1.701	-5.8	145	0.00
10 M	1,1-Dichloroethene	1.634	1.645	-0.7	138	0.00
11	Methyl Iodide	2.171	2.259	-4.1	153#	0.00
12	Methyl Acetate	2.390	2.400	-0.4	137	0.00
13 M	Acrolein	0.311	0.282	9.3	122	0.00
14 M	Acrylonitrile	1.023	1.024	-0.1	135	0.00
15 M	Acetone	0.260	0.299	-15.0	153#	0.00
16 M	Carbon Disulfide	4.775	4.894	-2.5	141	0.00
17	Allyl chloride	3.688	3.686	0.1	137	0.00
18 M	Methylene Chloride	1.834	1.851	-0.9	139	0.00
19 M	trans-1,2-Dichloroethene	1.767	1.796	-1.6	139	0.00
20 T	Diisopropyl ether	6.615	6.675	-0.9	136	0.00
21 M	1,1-Dichloroethane	3.377	3.370	0.2	136	0.00
22 M	cis-1,2-Dichloroethene	2.036	2.057	-1.0	140	0.00
23 M	tert-Butyl Alcohol	0.503	0.515	-2.4	136	0.00
24 M	Methyl tert-Butyl Ether	6.065	6.169	-1.7	138	0.00
25 M	Chloroform	3.338	3.367	-0.9	139	0.00
26	Cyclohexane	3.226	3.232	-0.2	138	0.00
27 s	1,2-Dichloroethane-d4	2.344	2.299	1.9	126	0.00
28 I	1,4-Difluorobenzene	1.000	1.000	0.0	131	-0.01
29	1,1-Dichloropropene	0.451	0.455	-0.9	139	0.00
30 M	2-Butanone	0.270	0.280	-3.7	140	0.00
31	2,2-Dichloropropane	0.542	0.576	-6.3	144	0.00
32 M	1,1,1-Trichloroethane	0.550	0.556	-1.1	138	0.00
33 M	Carbon Tetrachloride	0.501	0.506	-1.0	138	0.00
34 M	Benzene	1.299	1.301	-0.2	136	0.00
35	Methacrylonitrile	0.306	0.299	2.3	133	0.00
36 M	1,2-Dichloroethane	0.502	0.502	0.0	133	0.00
37 M	Trichloroethene	0.366	0.378	-3.3	141	0.00
38	Methylcyclohexane	0.553	0.572	-3.4	141	0.00
39 M	1,2-Dichloropropane	0.349	0.348	0.3	136	0.00
40	Dibromomethane	0.232	0.229	1.3	136	0.00
41 M	Bromodichloromethane	0.505	0.498	1.4	136	0.00
42 M	Vinyl Acetate	1.024	1.065	-4.0	136	0.00
43	Ethyl Acetate	0.588	0.548	6.8	137	0.00
44	Isopropyl Acetate	0.946	0.933	1.4	134	0.00
45 T	1,4-Dioxane	0.009	0.009#	0.0	140	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
46	Methyl methacrylate	0.472	0.466	1.3	135	0.00
47	n-amyl Acetate	0.816	0.799	2.1	136	0.00
48 M	t-1,3-Dichloropropene	0.583	0.585	-0.3	139	0.00
49 T	cis-1,3-Dichloropropene	0.601	0.612	-1.8	140	0.00
50 M	1,1,2-Trichloroethane	0.333	0.333	0.0	137	0.00
51	Ethyl methacrylate	0.573	0.566	1.2	137	0.00
52	1,3-Dichloropropane	0.576	0.581	-0.9	137	0.00
53 M	Dibromochloromethane	0.411	0.421	-2.4	142	0.00
54 M	1,2-Dibromoethane	0.358	0.365	-2.0	139	0.00
55 M	2-Chloroethyl vinyl ether	0.271	0.271	0.0	133	0.00
56 M	Bromoform	0.338	0.354	-4.7	147	0.00
57 I	Chlorobenzene-d5	1.000	1.000	0.0	134	0.00
58 M	4-Methyl-2-Pentanone	0.574	0.581	-1.2	134	0.00
59 M	2-Hexanone	0.437	0.455	-4.1	139	0.00
60 S	4-Bromofluorobenzene	0.513	0.512	0.2	132	0.00
61 M	Tetrachloroethene	0.386	0.413	-7.0	148	0.00
62 M	Toluene	1.520	1.544	-1.6	140	0.00
63 S	Toluene-d8	1.275	1.268	0.5	130	0.00
64 M	Chlorobenzene	0.977	0.992	-1.5	143	0.00
65	1,1,1,2-Tetrachloroethane	0.399	0.403	-1.0	143	0.00
66 M	Ethyl Benzene	1.736	1.788	-3.0	141	0.00
67 M	m/p-Xylenes	0.657	0.674	-2.6	142	0.00
68 M	o-Xylene	0.642	0.662	-3.1	143	0.00
69 M	Styrene	1.119	1.144	-2.2	141	0.00
70	Isopropylbenzene	1.702	1.773	-4.2	143	0.00
71 M	1,1,2,2-Tetrachloroethane	0.552	0.539	2.4	137	0.00
72	1,2,3-Trichloropropane	0.516	0.445	13.8	118	0.00
73	Bromobenzene	0.457	0.474	-3.7	148	0.00
74	n-propylbenzene	1.953	2.045	-4.7	143	0.00
75	2-Chlorotoluene	1.188	1.215	-2.3	140	0.00
76	1,3,5-Trimethylbenzene	1.462	1.522	-4.1	143	0.00
77	t-1,4-Dichloro-2-butene	0.222	0.216	2.7	136	0.00
78	4-Chlorotoluene	1.374	1.415	-3.0	141	0.00
79	tert-butylbenzene	1.461	1.529	-4.7	145	0.00
80	1,2,4-Trimethylbenzene	1.481	1.539	-3.9	142	0.00
81	sec-Butylbenzene	1.676	1.760	-5.0	144	0.00
82	p-Isopropyltoluene	1.580	1.659	-5.0	147	0.00
83 M	1,3-Dichlorobenzene	0.822	0.851	-3.5	148	0.00
84 M	1,4-Dichlorobenzene	0.820	0.852	-3.9	147	0.00
85	n-Butylbenzene	1.408	1.480	-5.1	146	0.00
86 T	Hexachloroethane	0.305	0.308	-1.0	146	0.00
87 M	1,2-Dichlorobenzene	0.802	0.827	-3.1	146	0.00
88	1,2-Dibromo-3-Chloropropane	0.145	0.138	4.8	131	0.00
89	1,2,4-Trichlorobenzene	0.646	0.672	-4.0	154#	0.00
90	Hexachlorobutadiene	0.340	0.388	-14.1	174#	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
91 M	Naphthalene	1.870	1.903	-1.8	140	0.00
92	1,2,3-Trichlorobenzene	0.642	0.663	-3.3	151#	0.00

(#) = Out of Range

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