

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX070920\
 Data File : VX017322.D
 Acq On : 09 Jul 2020 20:44
 Operator : JC/SP
 Sample : VSTDCCC020
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_X
 LabSampleId :
 VSTDCCC020

Quant Time: Jul 10 06:56:00 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA X\METHOD\624X070920W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Thu Jul 09 12:25:06 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	97	0.00
2 M	Dichlorodifluoromethane	1.311	0.899	31.4#	69	0.00
3 M	Chloromethane	1.397	1.291	7.6	95	0.00
4 M	Vinyl Chloride	1.440	1.203	16.5	88	0.00
5 M	Bromomethane	0.960	1.039	-8.2	102	0.00
6 M	Chloroethane	0.952	0.868	8.8	93	0.00
7 M	Trichlorofluoromethane	2.557	1.951	23.7	75	0.00
8 T	Diethyl Ether	0.907	0.871	4.0	99	0.00
9	1,1,2-Trichlorotrifluoroeth	1.398	1.016	27.3	73	0.00
10 M	1,1-Dichloroethene	1.379	1.215	11.9	92	0.00
11	Methyl Iodide	1.623	1.322	18.5	98	0.00
12	Methyl Acetate	1.921	2.036	-6.0	108	0.00
13 M	Acrolein	0.248	0.220	11.3	87	0.00
14 M	Acrylonitrile	0.867	0.892	-2.9	106	0.00
15 M	Acetone	0.219	0.235	-7.3	115	0.00
16 M	Carbon Disulfide	3.739	3.237	13.4	85	0.00
17	Allyl chloride	2.565	2.292	10.6	95	0.00
18 M	Methylene Chloride	1.698	1.709	-0.6	104	0.00
19 M	trans-1,2-Dichloroethene	1.612	1.464	9.2	90	0.00
20 T	Diisopropyl ether	5.128	5.035	1.8	100	0.00
21 M	1,1-Dichloroethane	2.874	2.754	4.2	98	0.00
22 M	cis-1,2-Dichloroethene	1.839	1.757	4.5	99	0.00
23 M	tert-Butyl Alcohol	0.358	0.369	-3.1	109	0.00
24 M	Methyl tert-Butyl Ether	5.263	5.133	2.5	102	0.00
25 M	Chloroform	3.062	2.912	4.9	97	0.00
26	Cyclohexane	2.239	1.586	29.2	70	0.00
27 s	1,2-Dichloroethane-d4	2.156	2.195	-1.8	98	0.00
28 I	1,4-Difluorobenzene	1.000	1.000	0.0	91	0.00
29	1,1-Dichloropropene	0.414	0.375	9.4	87	0.00
30 M	2-Butanone	0.226	0.250	-10.6	106	0.00
31	2,2-Dichloropropane	0.518	0.431	16.8	80	0.00
32 M	1,1,1-Trichloroethane	0.539	0.506	6.1	90	0.00
33 M	Carbon Tetrachloride	0.497	0.428	13.9	83	0.00
34 M	Benzene	1.231	1.229	0.2	97	0.00
35	Methacrylonitrile	0.253	0.262	-3.6	102	0.00
36 M	1,2-Dichloroethane	0.485	0.506	-4.3	101	0.00
37 M	Trichloroethene	0.370	0.359	3.0	94	0.00
38	Methylcyclohexane	0.436	0.299	31.4#	65	0.00
39 M	1,2-Dichloropropane	0.322	0.316	1.9	96	0.00
40	Dibromomethane	0.232	0.239	-3.0	102	0.00
41 M	Bromodichloromethane	0.484	0.494	-2.1	101	0.00
42 M	Vinyl Acetate	0.865	0.903	-4.4	102	0.00
43	Ethyl Acetate	0.445	0.475	-6.7	102	0.00
44	Isopropyl Acetate	0.741	0.773	-4.3	104	0.00
45 T	1,4-Dioxane	0.007	0.007#	0.0	110	0.00

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Min. RRF : 0.050 Min. Rel. Area : 20% Max. R.T. Dev 0.50min
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	Compound	AvqRF	CCRF	%Dev	Area%	Dev(min)
46	Methyl methacrylate	0.361	0.375	-3.9	103	0.00
47	n-amyl Acetate	0.656	0.653	0.5	105	0.00
48 M	t-1,3-Dichloropropene	0.534	0.523	2.1	101	0.00
49 T	cis-1,3-Dichloropropene	0.559	0.556	0.5	98	0.00
50 M	1,1,2-Trichloroethane	0.343	0.350	-2.0	101	0.00
51	Ethyl methacrylate	0.500	0.493	1.4	102	0.00
52	1,3-Dichloropropane	0.559	0.570	-2.0	100	0.00
53 M	Dibromochloromethane	0.419	0.410	2.1	99	0.00
54 M	1,2-Dibromoethane	0.367	0.382	-4.1	104	0.00
55 M	2-Chloroethyl vinyl ether	0.233	0.290	-24.5	112	0.00
56 M	Bromoform	0.327	0.321	1.8	103	0.00
57 I	Chlorobenzene-d5	1.000	1.000	0.0	95	0.00
58 M	4-Methyl-2-Pentanone	0.475	0.505	-6.3	104	0.00
59 M	2-Hexanone	0.362	0.377	-4.1	104	0.00
60 S	4-Bromofluorobenzene	0.512	0.507	1.0	94	0.00
61 M	Tetrachloroethene	0.382	0.353	7.6	90	0.00
62 M	Toluene	1.420	1.369	3.6	96	0.00
63 S	Toluene-d8	1.269	1.278	-0.7	92	0.00
64 M	Chlorobenzene	0.948	0.907	4.3	98	0.00
65	1,1,1,2-Tetrachloroethane	0.387	0.371	4.1	99	0.00
66 M	Ethyl Benzene	1.598	1.474	7.8	94	0.00
67 M	m/p-Xylenes	0.617	0.571	7.5	93	0.00
68 M	o-Xylene	0.587	0.541	7.8	97	0.00
69 M	Styrene	1.041	0.972	6.6	98	0.00
70	Isopropylbenzene	1.610	1.427	11.4	90	0.00
71 M	1,1,2,2-Tetrachloroethane	0.505	0.517	-2.4	103	0.00
72	1,2,3-Trichloropropane	0.496	0.510	-2.8	102	0.00
73	Bromobenzene	0.452	0.442	2.2	100	0.00
74	n-propylbenzene	1.864	1.602	14.1	89	0.00
75	2-Chlorotoluene	1.137	1.059	6.9	95	0.00
76	1,3,5-Trimethylbenzene	1.381	1.233	10.7	91	0.00
77	t-1,4-Dichloro-2-butene	0.189	0.175	7.4	96	0.00
78	4-Chlorotoluene	1.347	1.248	7.3	95	0.00
79	tert-butylbenzene	1.340	1.170	12.7	91	0.00
80	1,2,4-Trimethylbenzene	1.393	1.284	7.8	94	0.00
81	sec-Butylbenzene	1.544	1.264	18.1	85	0.00
82	p-Isopropyltoluene	1.460	1.221	16.4	86	0.00
83 M	1,3-Dichlorobenzene	0.814	0.770	5.4	97	0.00
84 M	1,4-Dichlorobenzene	0.823	0.782	5.0	99	0.00
85	n-Butylbenzene	1.234	1.010	18.2	85	0.00
86 T	Hexachloroethane	0.283	0.245	13.4	91	0.00
87 M	1,2-Dichlorobenzene	0.778	0.742	4.6	98	0.00
88	1,2-Dibromo-3-Chloropropane	0.122	0.124	-1.6	104	0.00
89	1,2,4-Trichlorobenzene	0.528	0.493	6.6	100	0.00
90	Hexachlorobutadiene	0.212	0.170	19.8	82	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
91 M	Naphthalene	1.618	1.624	-0.4	107	0.00
92	1,2,3-Trichlorobenzene	0.525	0.500	4.8	99	0.00

(#) = Out of Range

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