

Data Path : Z:\voasrv\HPCHEM1\MSVOA X\Data\VOX030620\
 Data File : VX015129.D
 Acq On : 06 Mar 2020 16:20
 Operator : JC/SP
 Sample : VSTDCCC020
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_X
 LabSampleId :
 VSTDCCC020

Quant Time: Mar 07 01:23:27 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA X\METHOD\624X022120W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Sat Feb 22 00:37:56 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	81	-0.01
2 M	Dichlorodifluoromethane	1.340	1.123	16.2	74	0.00
3 M	Chloromethane	1.732	1.733	-0.1	87	0.00
4 M	Vinyl Chloride	1.864	1.786	4.2	84	0.00
5 M	Bromomethane	1.306	1.094	16.2	76	0.00
6 M	Chloroethane	1.249	1.138	8.9	77	0.00
7 M	Trichlorofluoromethane	2.713	2.284	15.8	73	0.00
8 T	Diethyl Ether	1.141	1.090	4.5	83	0.00
9	1,1,2-Trichlorotrifluoroeth	1.569	1.498	4.5	82	0.00
10 M	1,1-Dichloroethene	1.577	1.446	8.3	80	0.00
11	Methyl Iodide	1.916	1.238	35.4#	61	0.00
12	Methyl Acetate	1.962	1.825	7.0	81	0.00
13 M	Acrolein	0.390	0.388	0.5	88	0.00
14 M	Acrylonitrile	0.886	0.817	7.8	81	0.00
15 M	Acetone	0.317	0.207	34.7#	52	0.00
16 M	Carbon Disulfide	4.240	3.536	16.6	75	0.00
17	Allyl chloride	2.743	2.580	5.9	83	0.00
18 M	Methylene Chloride	1.817	1.711	5.8	80	0.00
19 M	trans-1,2-Dichloroethene	1.732	1.574	9.1	79	0.00
20 T	Diisopropyl ether	5.603	5.394	3.7	82	0.00
21 M	1,1-Dichloroethane	3.071	2.906	5.4	82	0.00
22 M	cis-1,2-Dichloroethene	1.982	1.832	7.6	79	0.00
23 M	tert-Butyl Alcohol	0.351	0.291	17.1	73	0.00
24 M	Methyl tert-Butyl Ether	5.247	4.826	8.0	80	0.00
25 M	Chloroform	3.097	2.991	3.4	83	-0.01
26	Cyclohexane	2.745	2.500	8.9	79	-0.01
27 s	1,2-Dichloroethane-d4	2.086	2.063	1.1	79	0.00
28 I	1,4-Difluorobenzene	1.000	1.000	0.0	77	0.00
29	1,1-Dichloropropene	0.424	0.404	4.7	80	0.00
30 M	2-Butanone	0.245	0.208	15.1	67	0.00
31	2,2-Dichloropropane	0.466	0.456	2.1	82	0.00
32 M	1,1,1-Trichloroethane	0.482	0.469	2.7	82	0.00
33 M	Carbon Tetrachloride	0.422	0.400	5.2	79	-0.01
34 M	Benzene	1.280	1.265	1.2	81	0.00
35	Methacrylonitrile	0.250	0.232	7.2	80	0.00
36 M	1,2-Dichloroethane	0.453	0.455	-0.4	83	0.00
37 M	Trichloroethene	0.360	0.347	3.6	82	0.00
38	Methylcyclohexane	0.526	0.491	6.7	79	0.00
39 M	1,2-Dichloropropane	0.330	0.327	0.9	83	0.00
40	Dibromomethane	0.220	0.216	1.8	80	0.00
41 M	Bromodichloromethane	0.435	0.431	0.9	83	0.00
42 M	Vinyl Acetate	0.862	0.848	1.6	81	0.00
43	Ethyl Acetate	0.443	0.430	2.9	80	0.00
44	Isopropyl Acetate	0.745	0.698	6.3	79	0.00
45 T	1,4-Dioxane	0.007	0.007#	0.0	82	-0.01

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	Compound	AvqRF	CCRF	%Dev	Area%	Dev(min)
46	Methyl methacrylate	0.369	0.337	8.7	78	0.00
47	n-amyl Acetate	0.645	0.589	8.7	80	0.00
48 M	t-1,3-Dichloropropene	0.482	0.452	6.2	80	0.00
49 T	cis-1,3-Dichloropropene	0.531	0.507	4.5	81	0.00
50 M	1,1,2-Trichloroethane	0.328	0.326	0.6	80	0.00
51	Ethyl methacrylate	0.506	0.456	9.9	77	0.00
52	1,3-Dichloropropane	0.555	0.552	0.5	82	0.00
53 M	Dibromochloromethane	0.354	0.334	5.6	79	0.00
54 M	1,2-Dibromoethane	0.348	0.337	3.2	81	0.00
55 M	2-Chloroethyl vinyl ether	0.270	0.279	-3.3	85	0.00
56 M	Bromoform	0.278	0.246	11.5	76	0.00
57 I	Chlorobenzene-d5	1.000	1.000	0.0	80	0.00
58 M	4-Methyl-2-Pentanone	0.492	0.458	6.9	79	0.00
59 M	2-Hexanone	0.384	0.341	11.2	74	0.00
60 S	4-Bromofluorobenzene	0.467	0.465	0.4	79	0.00
61 M	Tetrachloroethene	0.403	0.377	6.5	78	0.00
62 M	Toluene	1.537	1.461	4.9	80	0.00
63 S	Toluene-d8	1.308	1.318	-0.8	79	0.00
64 M	Chlorobenzene	0.981	0.928	5.4	81	0.00
65	1,1,1,2-Tetrachloroethane	0.363	0.344	5.2	80	0.00
66 M	Ethyl Benzene	1.693	1.596	5.7	80	0.00
67 M	m/p-Xylenes	0.653	0.619	5.2	81	0.00
68 M	o-Xylene	0.632	0.590	6.6	80	0.00
69 M	Styrene	1.079	1.010	6.4	81	0.00
70	Isopropylbenzene	1.678	1.593	5.1	81	0.00
71 M	1,1,2,2-Tetrachloroethane	0.540	0.518	4.1	82	0.00
72	1,2,3-Trichloropropane	0.448	0.428	4.5	81	0.00
73	Bromobenzene	0.453	0.424	6.4	80	0.00
74	n-propylbenzene	1.909	1.823	4.5	81	0.00
75	2-Chlorotoluene	1.128	1.089	3.5	81	0.00
76	1,3,5-Trimethylbenzene	1.406	1.341	4.6	81	0.00
77	t-1,4-Dichloro-2-butene	0.181	0.148	18.2	76	0.00
78	4-Chlorotoluene	1.305	1.261	3.4	83	0.00
79	tert-butylbenzene	1.358	1.280	5.7	81	0.00
80	1,2,4-Trimethylbenzene	1.398	1.321	5.5	80	0.00
81	sec-Butylbenzene	1.627	1.561	4.1	82	0.00
82	p-Isopropyltoluene	1.511	1.389	8.1	79	0.00
83 M	1,3-Dichlorobenzene	0.795	0.735	7.5	81	0.00
84 M	1,4-Dichlorobenzene	0.800	0.744	7.0	80	0.00
85	n-Butylbenzene	1.315	1.207	8.2	82	0.00
86 T	Hexachloroethane	0.273	0.246	9.9	83	0.00
87 M	1,2-Dichlorobenzene	0.791	0.737	6.8	80	0.00
88	1,2-Dibromo-3-Chloropropane	0.118	0.099	16.1	74	0.00
89	1,2,4-Trichlorobenzene	0.569	0.503	11.6	79	0.00
90	Hexachlorobutadiene	0.282	0.261	7.4	82	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
91 M	Naphthalene	1.610	1.400	13.0	75	0.00
92	1,2,3-Trichlorobenzene	0.565	0.521	7.8	81	0.00

(#) = Out of Range

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