

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX080421\
 Data File : VX023543.D
 Acq On : 04 Aug 2021 15:19
 Operator : JC/MD
 Sample : VSTDCCC020
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_X
 LabSampleId :
 VSTDCCC020

Quant Time: Aug 05 05:19:06 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\624X080321W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Tue Aug 03 12:05:42 2021
 Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
 Max. RRF Dev : 25% Max. Rel. Area : 150%

	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
1 I	Bromochloromethane	1.000	1.000	0.0	100	0.00
2 M	Dichlorodifluoromethane	1.772	1.857	-4.8	108	0.00
3 M	Chloromethane	1.999	2.066	-3.4	106	0.00
4 M	Vinyl Chloride	2.000	2.069	-3.4	109	0.00
5 M	Bromomethane	1.173	1.395	-18.9	109	0.00
6 M	Chloroethane	1.252	1.244	0.6	106	0.00
7 M	Trichlorofluoromethane	3.229	3.292	-2.0	107	0.00
8 T	Diethyl Ether	1.151	1.183	-2.8	109	0.00
9	1,1,2-Trichlorotrifluoroeth	1.804	1.889	-4.7	110	0.00
10 M	1,1-Dichloroethene	1.738	1.770	-1.8	109	0.00
11	Methyl Iodide	2.442	2.249	7.9	103	0.00
12	Methyl Acetate	2.592	2.568	0.9	103	0.00
13 M	Acrolein	0.285	0.269	5.6	107	0.00
14 M	Acrylonitrile	1.147	1.132	1.3	103	0.00
15 M	Acetone	0.348	0.345	0.9	90	0.00
16 M	Carbon Disulfide	4.288	3.999	6.7	103	0.00
17	Allyl chloride	3.212	3.182	0.9	107	0.00
18 M	Methylene Chloride	2.044	2.150	-5.2	112	0.00
19 M	trans-1,2-Dichloroethene	1.860	1.883	-1.2	109	0.00
20 T	Diisopropyl ether	6.413	6.593	-2.8	108	0.00
21 M	1,1-Dichloroethane	3.493	3.608	-3.3	110	0.00
22 M	cis-1,2-Dichloroethene	2.165	2.201	-1.7	108	0.00
23 M	tert-Butyl Alcohol	0.520	0.496	4.6	98	0.00
24 M	Methyl tert-Butyl Ether	6.097	6.305	-3.4	110	0.00
25 M	Chloroform	3.583	3.691	-3.0	110	0.00
26	Cyclohexane	3.172	3.240	-2.1	108	0.00
27 s	1,2-Dichloroethane-d4	2.320	2.218	4.4	97	0.00
28 I	1,4-Difluorobenzene	1.000	1.000	0.0	103	0.00
29	1,1-Dichloropropene	0.467	0.485	-3.9	115	0.00
30 M	2-Butanone	0.313	0.306	2.2	98	0.00
31	2,2-Dichloropropane	0.528	0.535	-1.3	108	0.00
32 M	1,1,1-Trichloroethane	0.565	0.558	1.2	106	0.00
33 M	Carbon Tetrachloride	0.492	0.490	0.4	108	0.00
34 M	Benzene	1.409	1.432	-1.6	107	0.00
35	Methacrylonitrile	0.315	0.303	3.8	105	0.00
36 M	1,2-Dichloroethane	0.538	0.546	-1.5	108	0.00
37 M	Trichloroethene	0.383	0.399	-4.2	114	0.00
38	Methylcyclohexane	0.594	0.614	-3.4	113	0.00
39 M	1,2-Dichloropropane	0.369	0.375	-1.6	109	0.00
40	Dibromomethane	0.261	0.258	1.1	105	0.00
41 M	Bromodichloromethane	0.475	0.459	3.4	107	0.00
42 M	Vinyl Acetate	1.020	1.033	-1.3	107	0.00
43	Ethyl Acetate	0.581	0.568	2.2	102	0.00
44	Isopropyl Acetate	0.925	0.909	1.7	107	0.00
45 T	1,4-Dioxane	0.010	0.009	10.0	98	0.00
46	Methyl methacrylate	0.446	0.437	2.0	106	0.00
47	n-amyl Acetate	0.787	0.789	-0.3	110	0.00
48 M	t-1,3-Dichloropropene	0.554	0.530	4.3	107	0.00
49 T	cis-1,3-Dichloropropene	0.588	0.567	3.6	106	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
50 M	1,1,2-Trichloroethane	0.378	0.385	-1.9	111	0.00
51	Ethyl methacrylate	0.595	0.590	0.8	112	0.00
52	1,3-Dichloropropane	0.620	0.624	-0.6	108	0.00
53 M	Dibromochloromethane	0.380	0.354	6.8	106	0.00
54 M	1,2-Dibromoethane	0.400	0.398	0.5	108	0.00
55 M	2-Chloroethyl vinyl ether	0.297	0.260	12.5	95	0.00
56 M	Bromoform	0.272	0.243	10.7	102	0.00
57 I	Chlorobenzene-d5	1.000	1.000	0.0	103	0.00
58 M	4-Methyl-2-Pentanone	0.647	0.650	-0.5	103	0.00
59 M	2-Hexanone	0.502	0.510	-1.6	102	0.00
60 S	4-Bromofluorobenzene	0.491	0.487	0.8	105	0.00
61 M	Tetrachloroethene	0.403	0.436	-8.2	112	0.00
62 M	Toluene	1.692	1.770	-4.6	110	0.00
63 S	Toluene-d8	1.350	1.362	-0.9	102	0.00
64 M	Chlorobenzene	1.071	1.121	-4.7	111	0.00
65	1,1,1,2-Tetrachloroethane	0.396	0.394	0.5	109	0.00
66 M	Ethyl Benzene	1.873	1.964	-4.9	113	0.00
67 M	m/p-Xylenes	0.724	0.759	-4.8	112	0.00
68 M	o-Xylene	0.714	0.735	-2.9	111	0.00
69 M	Styrene	1.177	1.194	-1.4	111	0.00
70	Isopropylbenzene	1.878	1.953	-4.0	113	0.00
71 M	1,1,2,2-Tetrachloroethane	0.601	0.614	-2.2	107	0.00
72	1,2,3-Trichloropropane	0.565	0.579	-2.5	105	0.00
73	Bromobenzene	0.457	0.490	-7.2	116	0.00
74	n-propylbenzene	2.174	2.267	-4.3	114	0.00
75	2-Chlorotoluene	1.298	1.336	-2.9	112	0.00
76	1,3,5-Trimethylbenzene	1.557	1.611	-3.5	112	0.00
77	t-1,4-Dichloro-2-butene	0.202	0.190	5.9	104	0.00
78	4-Chlorotoluene	1.466	1.492	-1.8	112	0.00
79	tert-butylbenzene	1.513	1.570	-3.8	114	0.00
80	1,2,4-Trimethylbenzene	1.543	1.612	-4.5	111	0.00
81	sec-Butylbenzene	1.937	2.016	-4.1	114	0.00
82	p-Isopropyltoluene	1.592	1.668	-4.8	115	0.00
83 M	1,3-Dichlorobenzene	0.828	0.848	-2.4	112	0.00
84 M	1,4-Dichlorobenzene	0.818	0.838	-2.4	113	0.00
85	n-Butylbenzene	1.408	1.481	-5.2	118	0.00
86 T	Hexachloroethane	0.259	0.247	4.6	112	0.00
87 M	1,2-Dichlorobenzene	0.799	0.823	-3.0	111	0.00
88	1,2-Dibromo-3-Chloropropane	0.132	0.119	9.8	107	0.00
89	1,2,4-Trichlorobenzene	0.494	0.518	-4.9	120	0.00
90	Hexachlorobutadiene	0.222	0.232	-4.5	115	0.00
91 M	Naphthalene	1.697	1.770	-4.3	117	0.00
92	1,2,3-Trichlorobenzene	0.497	0.515	-3.6	117	0.00

(#) = Out of Range

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