

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX051321\
 Data File : VX021952.D
 Acq On : 13 May 2021 01:51
 Operator : JC/MD
 Sample : VSTDCCC020
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_X
 LabSampleId :
 VSTDCCC020

Quant Time: May 13 06:30:07 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\624X051321W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Thu May 13 06:11:35 2021
 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	AvgRF	CCRF	%Dev	Area%	Dev(min)
1 I	Bromochloromethane	1.000	1.000	0.0	95	0.00
2 M	Dichlorodifluoromethane	1.771	3.191	-80.2#	186#	0.00
3 M	Chloromethane	2.127	3.820	-79.6#	183#	0.00
4 M	Vinyl Chloride	2.209	3.962	-79.4#	193#	0.00
5 M	Bromomethane	1.243	2.399	-93.0#	196#	0.00
6 M	Chloroethane	1.422	2.531	-78.0#	195#	0.00
7 M	Trichlorofluoromethane	3.087	5.204	-68.6#	184#	0.00
8 T	Diethyl Ether	1.324	2.333	-76.2#	196#	0.00
9	1,1,2-Trichlorotrifluoroeth	1.770	3.042	-71.9#	184#	0.00
10 M	1,1-Dichloroethene	1.783	3.066	-72.0#	189#	0.00
11	Methyl Iodide	1.773	3.404	-92.0#	231#	0.00
12	Methyl Acetate	2.466	4.314	-74.9#	185#	0.00
13 M	Acrolein	0.382	0.689	-80.4#	194#	0.00
14 M	Acrylonitrile	1.006	1.753	-74.3#	191#	0.00
15 M	Acetone	0.300	0.542	-80.7#	190#	0.00
16 M	Carbon Disulfide	4.878	8.448	-73.2#	193#	0.00
17	Allyl chloride	3.143	5.305	-68.8#	183#	0.00
18 M	Methylene Chloride	2.120	3.600	-69.8#	180#	0.00
19 M	trans-1,2-Dichloroethene	1.938	3.374	-74.1#	186#	0.00
20 T	Diisopropyl ether	5.924	10.261	-73.2#	193#	0.00
21 M	1,1-Dichloroethane	3.548	6.237	-75.8#	190#	0.00
22 M	cis-1,2-Dichloroethene	2.277	4.051	-77.9#	190#	0.00
23 M	tert-Butyl Alcohol	0.489	0.838	-71.4#	183#	0.00
24 M	Methyl tert-Butyl Ether	5.806	10.261	-76.7#	193#	0.00
25 M	Chloroform	3.596	6.332	-76.1#	191#	0.00
26	Cyclohexane	2.927	5.126	-75.1#	198#	0.00
27 s	1,2-Dichloroethane-d4	2.311	2.239	3.1	94	0.00
28 I	1,4-Difluorobenzene	1.000	1.000	0.0	93	0.00
29	1,1-Dichloropropene	0.470	0.818	-74.0#	188#	0.00
30 M	2-Butanone	0.266	0.476	-78.9#	189#	0.00
31	2,2-Dichloropropane	0.552	0.825	-49.5#	161#	0.00
32 M	1,1,1-Trichloroethane	0.554	0.976	-76.2#	188#	0.00
33 M	Carbon Tetrachloride	0.470	0.830	-76.6#	192#	0.00
34 M	Benzene	1.433	2.575	-79.7#	191#	0.00
35	Methacrylonitrile	0.284	0.507	-78.5#	196#	0.00
36 M	1,2-Dichloroethane	0.489	0.879	-79.8#	193#	0.00
37 M	Trichloroethene	0.360	0.619	-71.9#	187#	0.00
38	Methylcyclohexane	0.533	0.915	-71.7#	193#	0.00
39 M	1,2-Dichloropropane	0.358	0.643	-79.6#	199#	0.00
40	Dibromomethane	0.249	0.438	-75.9#	187#	0.00
41 M	Bromodichloromethane	0.497	0.889	-78.9#	198#	0.00
42 M	Vinyl Acetate	0.993	1.758	-77.0#	194#	0.00
43	Ethyl Acetate	0.540	0.905	-67.6#	177#	0.00
44	Isopropyl Acetate	0.891	1.578	-77.1#	193#	0.00
45 T	1,4-Dioxane	0.008	0.014#	-75.0#	174#	-0.02
46	Methyl methacrylate	0.413	0.750	-81.6#	202#	0.00
47	n-amyl Acetate	0.741	1.408	-90.0#	211#	0.00
48 M	t-1,3-Dichloropropene	0.558	0.948	-69.9#	186#	0.00

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX051321\
 Data File : VX021952.D
 Acq On : 13 May 2021 01:51
 Operator : JC/MD
 Sample : VSTDCCC020
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_X
 LabSampleId :
 VSTDCCC020

Quant Time: May 13 06:30:07 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\624X051321W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Thu May 13 06:11:35 2021
 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	AvgRF	CCRF	%Dev	Area%	Dev(min)
49 T	cis-1,3-Dichloropropene	0.599	1.050	-75.3#	192#	0.00
50 M	1,1,2-Trichloroethane	0.354	0.636	-79.7#	194#	0.00
51	Ethyl methacrylate	0.571	1.055	-84.8#	201#	0.00
52	1,3-Dichloropropane	0.618	1.128	-82.5#	202#	0.00
53 M	Dibromochloromethane	0.356	0.633	-77.8#	194#	0.00
54 M	1,2-Dibromoethane	0.364	0.652	-79.1#	194#	0.00
55 M	2-Chloroethyl vinyl ether	0.302	0.555	-83.8#	201#	0.00
56 M	Bromoform	0.226	0.419	-85.4#	205#	0.00
57 I	Chlorobenzene-d5	1.000	1.000	0.0	97	0.00
58 M	4-Methyl-2-Pentanone	0.605	1.069	-76.7#	193#	0.00
59 M	2-Hexanone	0.448	0.812	-81.3#	195#	0.00
60 S	4-Bromofluorobenzene	0.498	0.520	-4.4	102	0.00
61 M	Tetrachloroethene	0.340	0.587	-72.6#	182#	0.00
62 M	Toluene	1.718	3.019	-75.7#	194#	0.00
63 S	Toluene-d8	1.371	1.371	0.0	96	0.00
64 M	Chlorobenzene	1.027	1.886	-83.6#	197#	0.00
65	1,1,1,2-Tetrachloroethane	0.375	0.663	-76.8#	201#	0.00
66 M	Ethyl Benzene	1.890	3.416	-80.7#	200#	0.00
67 M	m/p-Xylenes	0.716	1.293	-80.6#	198#	0.00
68 M	o-Xylene	0.698	1.288	-84.5#	207#	0.00
69 M	Styrene	1.167	2.098	-79.8#	198#	0.00
70	Isopropylbenzene	1.832	3.301	-80.2#	199#	0.00
71 M	1,1,2,2-Tetrachloroethane	0.604	1.114	-84.4#	202#	0.00
72	1,2,3-Trichloropropane	0.535	1.030	-92.5#	205#	0.00
73	Bromobenzene	0.388	0.709	-82.7#	204#	0.00
74	n-propylbenzene	2.136	3.903	-82.7#	209#	0.00
75	2-Chlorotoluene	1.265	2.369	-87.3#	208#	0.00
76	1,3,5-Trimethylbenzene	1.530	2.838	-85.5#	207#	0.00
77	t-1,4-Dichloro-2-butene	0.217	0.377	-73.7#	203#	0.00
78	4-Chlorotoluene	1.456	2.654	-82.3#	210#	0.00
79	tert-butylbenzene	1.463	2.697	-84.3#	206#	0.00
80	1,2,4-Trimethylbenzene	1.529	2.841	-85.8#	209#	0.00
81	sec-Butylbenzene	1.839	3.381	-83.8#	207#	0.00
82	p-Isopropyltoluene	1.541	2.837	-84.1#	209#	0.00
83 M	1,3-Dichlorobenzene	0.736	1.316	-78.8#	201#	0.00
84 M	1,4-Dichlorobenzene	0.738	1.327	-79.8#	205#	0.00
85	n-Butylbenzene	1.413	2.528	-78.9#	210#	0.00
86 T	Hexachloroethane	0.256	0.457	-78.5#	205#	0.00
87 M	1,2-Dichlorobenzene	0.713	1.326	-86.0#	211#	0.00
88	1,2-Dibromo-3-Chloropropane	0.135	0.244	-80.7#	201#	0.00
89	1,2,4-Trichlorobenzene	0.437	0.768	-75.7#	201#	0.00
90	Hexachlorobutadiene	0.169	0.295	-74.6#	205#	0.00
91 M	Naphthalene	1.713	3.059	-78.6#	209#	0.00
92	1,2,3-Trichlorobenzene	0.433	0.783	-80.8#	210#	0.00

(#) = Out of Range

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