

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX051321\
 Data File : VX021981.D
 Acq On : 13 May 2021 20:31
 Operator : JC/MD
 Sample : VSTDCCC020
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 53 Sample Multiplier: 1

Instrument :
 MSVOA_X
 LabSampleId :
 VSTDCCC020

Quant Time: May 14 03:47:20 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	93	0.00
2 M	Dichlorodifluoromethane	1.771	3.434	-93.9#	196#	0.00
3 M	Chloromethane	2.127	3.936	-85.0#	185#	0.00
4 M	Vinyl Chloride	2.209	4.261	-92.9#	203#	0.00
5 M	Bromomethane	1.243	1.893	-52.3#	151#	0.00
6 M	Chloroethane	1.422	2.614	-83.8#	197#	0.00
7 M	Trichlorofluoromethane	3.087	5.701	-84.7#	197#	0.00
8 T	Diethyl Ether	1.324	2.566	-93.8#	211#	0.00
9	1,1,2-Trichlorotrifluoroeth	1.770	3.219	-81.9#	191#	0.00
10 M	1,1-Dichloroethene	1.783	3.360	-88.4#	203#	0.00
11	Methyl Iodide	1.773	2.967	-67.3#	197#	0.00
12	Methyl Acetate	2.466	4.766	-93.3#	200#	0.00
13 M	Acrolein	0.382	0.650	-70.2#	179#	0.00
14 M	Acrylonitrile	1.006	1.939	-92.7#	207#	0.00
15 M	Acetone	0.300	0.591	-97.0#	203#	0.00
16 M	Carbon Disulfide	4.878	9.855	-102.0#	221#	0.00
17	Allyl chloride	3.143	6.002	-91.0#	202#	0.00
18 M	Methylene Chloride	2.120	3.936	-85.7#	193#	0.00
19 M	trans-1,2-Dichloroethene	1.938	3.643	-88.0#	197#	0.00
20 T	Diisopropyl ether	5.924	10.987	-85.5#	202#	0.00
21 M	1,1-Dichloroethane	3.548	6.733	-89.8#	201#	0.00
22 M	cis-1,2-Dichloroethene	2.277	4.322	-89.8#	198#	0.00
23 M	tert-Butyl Alcohol	0.489	1.025	-109.6#	219#	0.00
24 M	Methyl tert-Butyl Ether	5.806	10.980	-89.1#	202#	0.00
25 M	Chloroform	3.596	6.701	-86.3#	198#	0.00
26	Cyclohexane	2.927	5.360	-83.1#	203#	0.00
27 s	1,2-Dichloroethane-d4	2.311	2.341	-1.3	96	0.00
28 I	1,4-Difluorobenzene	1.000	1.000	0.0	91	0.00
29	1,1-Dichloropropene	0.470	0.873	-85.7#	197#	0.00
30 M	2-Butanone	0.266	0.524	-97.0#	205#	0.00
31	2,2-Dichloropropane	0.552	0.888	-60.9#	170#	0.00
32 M	1,1,1-Trichloroethane	0.554	1.041	-87.9#	198#	0.00
33 M	Carbon Tetrachloride	0.470	0.905	-92.6#	206#	0.00
34 M	Benzene	1.433	2.728	-90.4#	199#	0.00
35	Methacrylonitrile	0.284	0.554	-95.1#	211#	0.00
36 M	1,2-Dichloroethane	0.489	0.947	-93.7#	204#	0.00
37 M	Trichloroethene	0.360	0.667	-85.3#	198#	0.00
38	Methylcyclohexane	0.533	0.969	-81.8#	201#	0.00
39 M	1,2-Dichloropropane	0.358	0.691	-93.0#	210#	0.00
40	Dibromomethane	0.249	0.485	-94.8#	204#	0.00
41 M	Bromodichloromethane	0.497	0.936	-88.3#	205#	0.00
42 M	Vinyl Acetate	0.993	1.908	-92.1#	207#	0.00
43	Ethyl Acetate	0.540	1.042	-93.0#	200#	0.00
44	Isopropyl Acetate	0.891	1.701	-90.9#	204#	0.00
45 T	1,4-Dioxane	0.008	0.016#	-100.0#	207#	0.00
46	Methyl methacrylate	0.413	0.787	-90.6#	209#	0.00
47	n-amyl Acetate	0.741	1.504	-103.0#	221#	0.00
48 M	t-1,3-Dichloropropene	0.558	1.032	-84.9#	199#	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
49 T	cis-1,3-Dichloropropene	0.599	1.134	-89.3#	204#	0.00
50 M	1,1,2-Trichloroethane	0.354	0.701	-98.0#	210#	0.00
51	Ethyl methacrylate	0.571	1.118	-95.8#	209#	0.00
52	1,3-Dichloropropane	0.618	1.176	-90.3#	207#	0.00
53 M	Dibromochloromethane	0.356	0.699	-96.3#	211#	0.00
54 M	1,2-Dibromoethane	0.364	0.682	-87.4#	200#	0.00
55 M	2-Chloroethyl vinyl ether	0.302	0.580	-92.1#	206#	0.00
56 M	Bromoform	0.226	0.441	-95.1#	212#	0.00
57 I	Chlorobenzene-d5	1.000	1.000	0.0	97	0.00
58 M	4-Methyl-2-Pentanone	0.605	1.145	-89.3#	207#	0.00
59 M	2-Hexanone	0.448	0.872	-94.6#	210#	0.00
60 S	4-Bromofluorobenzene	0.498	0.504	-1.2	99	0.00
61 M	Tetrachloroethene	0.340	0.602	-77.1#	187#	0.00
62 M	Toluene	1.718	3.126	-82.0#	201#	0.00
63 S	Toluene-d8	1.371	1.355	1.2	95	0.00
64 M	Chlorobenzene	1.027	1.928	-87.7#	202#	0.00
65	1,1,1,2-Tetrachloroethane	0.375	0.693	-84.8#	211#	0.00
66 M	Ethyl Benzene	1.890	3.568	-88.8#	209#	0.00
67 M	m/p-Xylenes	0.716	1.354	-89.1#	208#	0.00
68 M	o-Xylene	0.698	1.308	-87.4#	211#	0.00
69 M	Styrene	1.167	2.186	-87.3#	207#	0.00
70	Isopropylbenzene	1.832	3.482	-90.1#	210#	0.00
71 M	1,1,2,2-Tetrachloroethane	0.604	1.174	-94.4#	214#	0.00
72	1,2,3-Trichloropropane	0.535	1.060	-98.1#	211#	0.00
73	Bromobenzene	0.388	0.739	-90.5#	213#	0.00
74	n-propylbenzene	2.136	4.026	-88.5#	216#	0.00
75	2-Chlorotoluene	1.265	2.406	-90.2#	212#	0.00
76	1,3,5-Trimethylbenzene	1.530	2.898	-89.4#	212#	0.00
77	t-1,4-Dichloro-2-butene	0.217	0.393	-81.1#	212#	0.00
78	4-Chlorotoluene	1.456	2.748	-88.7#	217#	0.00
79	tert-butylbenzene	1.463	2.757	-88.4#	211#	0.00
80	1,2,4-Trimethylbenzene	1.529	2.895	-89.3#	213#	0.00
81	sec-Butylbenzene	1.839	3.431	-86.6#	210#	0.00
82	p-Isopropyltoluene	1.541	2.850	-84.9#	210#	0.00
83 M	1,3-Dichlorobenzene	0.736	1.382	-87.8#	212#	0.00
84 M	1,4-Dichlorobenzene	0.738	1.358	-84.0#	210#	0.00
85	n-Butylbenzene	1.413	2.541	-79.8#	212#	0.00
86 T	Hexachloroethane	0.256	0.479	-87.1#	215#	0.00
87 M	1,2-Dichlorobenzene	0.713	1.331	-86.7#	212#	0.00
88	1,2-Dibromo-3-Chloropropane	0.135	0.256	-89.6#	211#	0.00
89	1,2,4-Trichlorobenzene	0.437	0.786	-79.9#	206#	0.00
90	Hexachlorobutadiene	0.169	0.299	-76.9#	208#	0.00
91 M	Naphthalene	1.713	3.294	-92.3#	226#	0.00
92	1,2,3-Trichlorobenzene	0.433	0.811	-87.3#	218#	0.00

(#) = Out of Range

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