

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX051321\
 Data File : VX021938.D
 Acq On : 12 May 2021 19:43
 Operator : JC/MD
 Sample : VSTDICV020
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 ICVVX051321

Quant Time: May 13 06:16:00 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	102	0.00
2 M	Dichlorodifluoromethane	1.771	3.265	-84.4#	203#	0.00
3 M	Chloromethane	2.127	3.778	-77.6#	193#	0.00
4 M	Vinyl Chloride	2.209	4.010	-81.5#	208#	0.00
5 M	Bromomethane	1.243	2.199	-76.9#	192#	0.00
6 M	Chloroethane	1.422	2.544	-78.9#	209#	0.00
7 M	Trichlorofluoromethane	3.087	5.378	-74.2#	203#	0.00
8 T	Diethyl Ether	1.324	2.299	-73.6#	206#	0.00
9	1,1,2-Trichlorotrifluoroeth	1.770	3.087	-74.4#	200#	0.00
10 M	1,1-Dichloroethene	1.783	3.037	-70.3#	200#	0.00
11	Methyl Iodide	1.773	3.470	-95.7#	251#	0.00
12	Methyl Acetate	2.466	4.466	-81.1#	204#	0.00
13 M	Acrolein	0.382	0.743	-94.5#	223#	0.00
14 M	Acrylonitrile	1.006	1.785	-77.4#	208#	0.00
15 M	Acetone	0.300	0.531	-77.0#	199#	0.00
16 M	Carbon Disulfide	4.878	8.745	-79.3#	214#	0.00
17	Allyl chloride	3.143	5.481	-74.4#	202#	0.00
18 M	Methylene Chloride	2.120	3.704	-74.7#	198#	0.00
19 M	trans-1,2-Dichloroethene	1.938	3.440	-77.5#	203#	0.00
20 T	Diisopropyl ether	5.924	10.242	-72.9#	206#	0.00
21 M	1,1-Dichloroethane	3.548	6.328	-78.4#	206#	0.00
22 M	cis-1,2-Dichloroethene	2.277	4.054	-78.0#	203#	0.00
23 M	tert-Butyl Alcohol	0.489	0.833	-70.3#	194#	0.00
24 M	Methyl tert-Butyl Ether	5.806	10.421	-79.5#	209#	0.00
25 M	Chloroform	3.596	6.395	-77.8#	206#	0.00
26	Cyclohexane	2.927	5.117	-74.8#	211#	0.00
27 s	1,2-Dichloroethane-d4	2.311	2.273	1.6	102	0.00
28 I	1,4-Difluorobenzene	1.000	1.000	0.0	98	0.00
29	1,1-Dichloropropene	0.470	0.849	-80.6#	206#	0.00
30 M	2-Butanone	0.266	0.479	-80.1#	201#	0.00
31	2,2-Dichloropropane	0.552	0.960	-73.9#	198#	0.00
32 M	1,1,1-Trichloroethane	0.554	0.986	-78.0#	201#	0.00
33 M	Carbon Tetrachloride	0.470	0.858	-82.6#	210#	0.00
34 M	Benzene	1.433	2.580	-80.0#	202#	0.00
35	Methacrylonitrile	0.284	0.510	-79.6#	209#	0.00
36 M	1,2-Dichloroethane	0.489	0.890	-82.0#	206#	0.00
37 M	Trichloroethene	0.360	0.635	-76.4#	203#	0.00
38	Methylcyclohexane	0.533	0.949	-78.0#	212#	0.00
39 M	1,2-Dichloropropane	0.358	0.632	-76.5#	207#	0.00
40	Dibromomethane	0.249	0.452	-81.5#	205#	0.00
41 M	Bromodichloromethane	0.497	0.900	-81.1#	212#	0.00
42 M	Vinyl Acetate	0.993	1.792	-80.5#	209#	0.00
43	Ethyl Acetate	0.540	1.011	-87.2#	209#	0.00
44	Isopropyl Acetate	0.891	1.613	-81.0#	208#	0.00
45 T	1,4-Dioxane	0.008	0.014#	-75.0#	189#	0.00
46	Methyl methacrylate	0.413	0.762	-84.5#	217#	0.00
47	n-amyl Acetate	0.741	1.321	-78.3#	209#	0.00
48 M	t-1,3-Dichloropropene	0.558	1.006	-80.3#	208#	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
49 T	cis-1,3-Dichloropropene	0.599	1.095	-82.8#	212#	0.00
50 M	1,1,2-Trichloroethane	0.354	0.639	-80.5#	206#	0.00
51	Ethyl methacrylate	0.571	1.022	-79.0#	206#	0.00
52	1,3-Dichloropropane	0.618	1.108	-79.3#	210#	0.00
53 M	Dibromochloromethane	0.356	0.660	-85.4#	214#	0.00
54 M	1,2-Dibromoethane	0.364	0.674	-85.2#	212#	0.00
55 M	2-Chloroethyl vinyl ether	0.302	0.567	-87.7#	217#	0.00
56 M	Bromoform	0.226	0.407	-80.1#	210#	0.00
57 I	Chlorobenzene-d5	1.000	1.000	0.0	103	0.00
58 M	4-Methyl-2-Pentanone	0.605	1.091	-80.3#	208#	0.00
59 M	2-Hexanone	0.448	0.813	-81.5#	207#	0.00
60 S	4-Bromofluorobenzene	0.498	0.491	1.4	102	0.00
61 M	Tetrachloroethene	0.340	0.603	-77.4#	198#	0.00
62 M	Toluene	1.718	3.059	-78.1#	208#	0.00
63 S	Toluene-d8	1.371	1.360	0.8	100	0.00
64 M	Chlorobenzene	1.027	1.894	-84.4#	209#	0.00
65	1,1,1,2-Tetrachloroethane	0.375	0.665	-77.3#	213#	0.00
66 M	Ethyl Benzene	1.890	3.429	-81.4#	212#	0.00
67 M	m/p-Xylenes	0.716	1.276	-78.2#	206#	0.00
68 M	o-Xylene	0.698	1.277	-83.0#	217#	0.00
69 M	Styrene	1.167	2.069	-77.3#	207#	0.00
70	Isopropylbenzene	1.832	3.241	-76.9#	207#	0.00
71 M	1,1,2,2-Tetrachloroethane	0.604	1.066	-76.5#	205#	0.00
72	1,2,3-Trichloropropane	0.535	0.958	-79.1#	201#	0.00
73	Bromobenzene	0.388	0.671	-72.9#	204#	0.00
74	n-propylbenzene	2.136	3.779	-76.9#	214#	0.00
75	2-Chlorotoluene	1.265	2.270	-79.4#	211#	0.00
76	1,3,5-Trimethylbenzene	1.530	2.739	-79.0#	211#	0.00
77	t-1,4-Dichloro-2-butene	0.217	0.392	-80.6#	223#	0.00
78	4-Chlorotoluene	1.456	2.563	-76.0#	214#	0.00
79	tert-butylbenzene	1.463	2.639	-80.4#	213#	0.00
80	1,2,4-Trimethylbenzene	1.529	2.718	-77.8#	211#	0.00
81	sec-Butylbenzene	1.839	3.230	-75.6#	209#	0.00
82	p-Isopropyltoluene	1.541	2.699	-75.1#	210#	0.00
83 M	1,3-Dichlorobenzene	0.736	1.273	-73.0#	206#	0.00
84 M	1,4-Dichlorobenzene	0.738	1.300	-76.2#	213#	0.00
85	n-Butylbenzene	1.413	2.411	-70.6#	212#	0.00
86 T	Hexachloroethane	0.256	0.464	-81.3#	220#	0.00
87 M	1,2-Dichlorobenzene	0.713	1.260	-76.7#	212#	0.00
88	1,2-Dibromo-3-Chloropropane	0.135	0.231	-71.1#	201#	0.00
89	1,2,4-Trichlorobenzene	0.437	0.739	-69.1#	204#	0.00
90	Hexachlorobutadiene	0.169	0.303	-79.3#	223#	0.00
91 M	Naphthalene	1.713	3.027	-76.7#	219#	0.00
92	1,2,3-Trichlorobenzene	0.433	0.766	-76.9#	218#	0.00

(#) = Out of Range

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