

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX051321\
 Data File : VX021954.D
 Acq On : 13 May 2021 09:24
 Operator : JC/MD
 Sample : VSTDCCC020
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_X
 LabSampleId :
 VSTDCCC020

Quant Time: May 14 03:44:30 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	Amount	Calc.	%Dev	Area%	Dev(min)
1 I	Bromochloromethane	30.000	30.000	0.0	105	0.00
2 M	Dichlorodifluoromethane	10.000	20.032	-100.3#	227	0.00
3 M	Chloromethane	10.000	18.321	-83.2#	206	0.00
4 M	Vinyl Chloride	10.000	19.052	-90.5#	226	0.00
5 M	Bromomethane	10.000	20.424	-104.2#	228	0.00
6 M	Chloroethane	10.000	18.953	-89.5#	229	0.00
7 M	Trichlorofluoromethane	10.000	19.039	-90.4#	229	0.00
8 T	Diethyl Ether	10.000	18.776	-87.8#	230	0.00
9	1,1,2-Trichlorotrifluoroeth	10.000	18.519	-85.2#	219	0.00
10 M	1,1-Dichloroethene	10.000	18.437	-84.4#	223	0.00
11	Methyl Iodide	10.000	20.096	-101.0#	266	0.00
12	Methyl Acetate	10.000	18.045	-80.5#	210	0.00
13 M	Acrolein	50.000	108.336	-116.7#	257	0.00
14 M	Acrylonitrile	50.000	92.374	-84.7#	223	0.00
15 M	Acetone	50.000	112.340	-124.7#	261	0.00
16 M	Carbon Disulfide	10.000	19.246	-92.5#	237	0.00
17	Allyl chloride	10.000	18.659	-86.6#	223	0.00
18 M	Methylene Chloride	10.000	18.420	-84.2#	215	0.00
19 M	trans-1,2-Dichloroethene	10.000	18.961	-89.6#	224	0.00
20 T	Diisopropyl ether	10.000	18.204	-82.0#	223	-0.01
21 M	1,1-Dichloroethane	10.000	18.715	-87.1#	223	0.00
22 M	cis-1,2-Dichloroethene	10.000	18.967	-89.7#	223	0.00
23 M	tert-Butyl Alcohol	50.000	91.336	-82.7#	215	-0.01
24 M	Methyl tert-Butyl Ether	10.000	18.622	-86.2#	224	0.00
25 M	Chloroform	10.000	18.812	-88.1#	225	0.00
26	Cyclohexane	10.000	18.675	-86.8#	233	0.00
27 s	1,2-Dichloroethane-d4	30.000	29.443	1.9	105	-0.01
28 I	1,4-Difluorobenzene	30.000	30.000	0.0	106	0.00
29	1,1-Dichloropropene	10.000	18.340	-83.4#	226	0.00
30 M	2-Butanone	50.000	99.689	-99.4#	240	0.00
31	2,2-Dichloropropane	10.000	18.478	-84.8#	227	-0.01
32 M	1,1,1-Trichloroethane	10.000	18.174	-81.7#	222	0.00
33 M	Carbon Tetrachloride	10.000	18.281	-82.8#	227	-0.01
34 M	Benzene	10.000	17.769	-77.7#	215	0.00
35	Methacrylonitrile	10.000	17.474	-74.7#	220	0.00
36 M	1,2-Dichloroethane	10.000	18.690	-86.9#	228	0.00
37 M	Trichloroethene	10.000	17.980	-79.8#	223	0.00
38	Methylcyclohexane	10.000	17.968	-79.7#	231	0.00
39 M	1,2-Dichloropropane	10.000	18.333	-83.3#	231	-0.01
40	Dibromomethane	10.000	17.921	-79.2#	218	0.00
41 M	Bromodichloromethane	10.000	18.241	-82.4#	230	0.00
42 M	Vinyl Acetate	50.000	90.581	-81.2#	226	0.00
43	Ethyl Acetate	10.000	18.072	-80.7#	218	0.00
44	Isopropyl Acetate	10.000	18.174	-81.7#	226	0.00
45 T	1,4-Dioxane	200.000	355.785	-77.9#	207	-0.02
46	Methyl methacrylate	10.000	17.755	-77.5#	226	0.00
47	n-amyl Acetate	10.000	18.796	-88.0#	238	0.00
48 M	t-1,3-Dichloropropene	10.000	18.814	-88.1#	234	0.00

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 Max. RRF Dev : 30% Max. Rel. Area : 150%

	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
49 T	cis-1,3-Dichloropropene	10.000	18.813	-88.1#	235	0.00
50 M	1,1,2-Trichloroethane	10.000	18.216	-82.2#	225	0.00
51	Ethyl methacrylate	10.000	18.811	-88.1#	233	0.00
52	1,3-Dichloropropane	10.000	18.078	-80.8#	228	0.00
53 M	Dibromochloromethane	10.000	18.576	-85.8#	232	0.00
54 M	1,2-Dibromoethane	10.000	18.545	-85.5#	229	0.00
55 M	2-Chloroethyl vinyl ether	50.000	89.903	-79.8#	224	0.00
56 M	Bromoform	10.000	19.422	-94.2#	245	0.00
57 I	Chlorobenzene-d5	30.000	30.000	0.0	108	0.00
58 M	4-Methyl-2-Pentanone	50.000	91.843	-83.7#	223	0.00
59 M	2-Hexanone	50.000	99.810	-99.6#	240	0.00
60 S	4-Bromofluorobenzene	30.000	30.812	-2.7	112	0.00
61 M	Tetrachloroethene	10.000	18.673	-86.7#	220	0.00
62 M	Toluene	10.000	18.592	-85.9#	229	0.00
63 S	Toluene-d8	30.000	30.062	-0.2	107	0.00
64 M	Chlorobenzene	10.000	19.133	-91.3#	229	0.00
65	1,1,1,2-Tetrachloroethane	10.000	18.775	-87.7#	238	0.00
66 M	Ethyl Benzene	10.000	18.979	-89.8#	234	0.00
67 M	m/p-Xylenes	20.000	37.605	-88.0#	230	0.00
68 M	o-Xylene	10.000	18.923	-89.2#	237	0.00
69 M	Styrene	10.000	18.791	-87.9#	231	0.00
70	Isopropylbenzene	10.000	18.840	-88.4#	232	0.00
71 M	1,1,2,2-Tetrachloroethane	10.000	18.534	-85.3#	227	0.00
72	1,2,3-Trichloropropane	10.000	19.302	-93.0#	229	0.00
73	Bromobenzene	10.000	19.011	-90.1#	237	0.00
74	n-propylbenzene	10.000	19.611	-96.1#	250	0.00
75	2-Chlorotoluene	10.000	19.274	-92.7#	239	0.00
76	1,3,5-Trimethylbenzene	10.000	19.491	-94.9#	243	0.00
77	t-1,4-Dichloro-2-butene	10.000	19.268	-92.7#	251	0.00
78	4-Chlorotoluene	10.000	18.799	-88.0#	241	0.00
79	tert-butylbenzene	10.000	19.054	-90.5#	237	0.00
80	1,2,4-Trimethylbenzene	10.000	19.247	-92.5#	241	0.00
81	sec-Butylbenzene	10.000	19.134	-91.3#	240	0.00
82	p-Isopropyltoluene	10.000	19.391	-93.9#	246	0.00
83 M	1,3-Dichlorobenzene	10.000	18.803	-88.0#	236	0.00
84 M	1,4-Dichlorobenzene	10.000	18.933	-89.3#	241	0.00
85	n-Butylbenzene	10.000	19.601	-96.0#	257	0.00
86 T	Hexachloroethane	10.000	19.243	-92.4#	246	0.00
87 M	1,2-Dichlorobenzene	10.000	19.009	-90.1#	240	0.00
88	1,2-Dibromo-3-Chloropropane	10.000	17.200	-72.0#	213	0.00
89	1,2,4-Trichlorobenzene	10.000	18.640	-86.4#	238	0.00
90	Hexachlorobutadiene	10.000	20.606	-106.1#	270	0.00
91 M	Naphthalene	10.000	18.402	-84.0#	240	0.00
92	1,2,3-Trichlorobenzene	10.000	19.209	-92.1#	250	0.00

(#) = Out of Range

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