

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX080921\
 Data File : VX023622.D
 Acq On : 09 Aug 2021 18:45
 Operator : JC/MD
 Sample : VSTDCCC020
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_X
 LabSampleId :
 VSTDCCC020

Quant Time: Aug 10 03:58:56 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	Amount	Calc.	%Dev	Area%	Dev(min)
1 I	Bromochloromethane	30.000	30.000	0.0	107	0.00
2 M	Dichlorodifluoromethane	20.000	19.131	4.3	106	0.00
3 M	Chloromethane	20.000	18.928	5.4	104	0.00
4 M	Vinyl Chloride	20.000	18.984	5.1	107	0.00
5 M	Bromomethane	20.000	21.291	-6.5	104	0.00
6 M	Chloroethane	20.000	18.774	6.1	107	0.00
7 M	Trichlorofluoromethane	20.000	18.587	7.1	105	0.00
8 T	Diethyl Ether	20.000	18.474	7.6	105	0.00
9	1,1,2-Trichlorotrifluoroeth	20.000	18.913	5.4	106	0.00
10 M	1,1-Dichloroethene	20.000	19.166	4.2	110	0.00
11	Methyl Iodide	20.000	18.545	7.3	112	0.00
12	Methyl Acetate	20.000	19.342	3.3	108	0.00
13 M	Acrolein	100.000	96.901	3.1	118	0.00
14 M	Acrylonitrile	100.000	94.345	5.7	105	0.00
15 M	Acetone	100.000	84.755	15.2	82	0.00
16 M	Carbon Disulfide	20.000	17.066	14.7	101	0.00
17	Allyl chloride	20.000	18.677	6.6	108	0.00
18 M	Methylene Chloride	20.000	19.451	2.7	110	0.00
19 M	trans-1,2-Dichloroethene	20.000	19.001	5.0	109	0.00
20 T	Diisopropyl ether	20.000	19.426	2.9	110	0.00
21 M	1,1-Dichloroethane	20.000	19.207	4.0	110	0.00
22 M	cis-1,2-Dichloroethene	20.000	19.299	3.5	110	0.00
23 M	tert-Butyl Alcohol	100.000	94.985	5.0	105	0.00
24 M	Methyl tert-Butyl Ether	20.000	19.597	2.0	111	0.00
25 M	Chloroform	20.000	19.607	2.0	112	0.00
26	Cyclohexane	20.000	18.935	5.3	107	0.00
27 s	1,2-Dichloroethane-d4	30.000	30.189	-0.6	109	0.00
28 I	1,4-Difluorobenzene	30.000	30.000	0.0	112	0.00
29	1,1-Dichloropropene	20.000	18.980	5.1	114	0.00
30 M	2-Butanone	100.000	89.812	10.2	98	0.00
31	2,2-Dichloropropane	20.000	17.656	11.7	102	0.00
32 M	1,1,1-Trichloroethane	20.000	18.565	7.2	108	0.00
33 M	Carbon Tetrachloride	20.000	18.659	6.7	110	0.00
34 M	Benzene	20.000	18.853	5.7	108	0.00
35	Methacrylonitrile	20.000	18.581	7.1	110	0.00
36 M	1,2-Dichloroethane	20.000	19.410	2.9	112	0.00
37 M	Trichloroethene	20.000	18.176	9.1	107	0.00
38	Methylcyclohexane	20.000	17.837	10.8	106	0.00
39 M	1,2-Dichloropropane	20.000	19.211	3.9	111	0.00
40	Dibromomethane	20.000	18.545	7.3	107	0.00
41 M	Bromodichloromethane	20.000	18.368	8.2	110	0.00
42 M	Vinyl Acetate	100.000	96.175	3.8	110	0.00
43	Ethyl Acetate	20.000	19.243	3.8	109	0.00
44	Isopropyl Acetate	20.000	19.094	4.5	112	0.00
45 T	1,4-Dioxane	400.000	363.065	9.2	99	0.00
46	Methyl methacrylate	20.000	18.765	6.2	110	0.00
47	n-amyl Acetate	20.000	19.363	3.2	115	0.00
48 M	t-1,3-Dichloropropene	20.000	18.180	9.1	111	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
49 T	cis-1,3-Dichloropropene	20.000	18.170	9.1	108	0.00
50 M	1,1,2-Trichloroethane	20.000	18.935	5.3	111	0.00
51	Ethyl methacrylate	20.000	18.644	6.8	114	0.00
52	1,3-Dichloropropane	20.000	19.103	4.5	111	0.00
53 M	Dibromochloromethane	20.000	17.341	13.3	107	0.00
54 M	1,2-Dibromoethane	20.000	18.713	6.4	110	0.00
55 M	2-Chloroethyl vinyl ether	100.000	93.697	6.3	110	0.00
56 M	Bromoform	20.000	16.708	16.5	103	0.00
57 I	Chlorobenzene-d5	30.000	30.000	0.0	111	0.00
58 M	4-Methyl-2-Pentanone	100.000	98.401	1.6	108	0.00
59 M	2-Hexanone	100.000	98.381	1.6	105	0.00
60 S	4-Bromofluorobenzene	30.000	29.952	0.2	113	0.00
61 M	Tetrachloroethene	20.000	17.531	12.3	97	0.00
62 M	Toluene	20.000	19.393	3.0	110	0.00
63 S	Toluene-d8	30.000	30.402	-1.3	110	0.00
64 M	Chlorobenzene	20.000	19.290	3.6	110	0.00
65	1,1,1,2-Tetrachloroethane	20.000	18.634	6.8	109	0.00
66 M	Ethyl Benzene	20.000	19.186	4.1	111	0.00
67 M	m/p-Xylenes	40.000	37.657	5.9	108	0.00
68 M	o-Xylene	20.000	18.960	5.2	110	0.00
69 M	Styrene	20.000	18.548	7.3	109	0.00
70	Isopropylbenzene	20.000	18.991	5.0	111	0.00
71 M	1,1,2,2-Tetrachloroethane	20.000	19.801	1.0	111	0.00
72	1,2,3-Trichloropropane	20.000	19.859	0.7	109	0.00
73	Bromobenzene	20.000	19.251	3.7	111	0.00
74	n-propylbenzene	20.000	18.560	7.2	109	0.00
75	2-Chlorotoluene	20.000	19.014	4.9	111	0.00
76	1,3,5-Trimethylbenzene	20.000	19.031	4.8	111	0.00
77	t-1,4-Dichloro-2-butene	20.000	17.342	13.3	103	0.00
78	4-Chlorotoluene	20.000	18.747	6.3	111	0.00
79	tert-butylbenzene	20.000	19.132	4.3	112	0.00
80	1,2,4-Trimethylbenzene	20.000	18.947	5.3	108	0.00
81	sec-Butylbenzene	20.000	18.516	7.4	109	0.00
82	p-Isopropyltoluene	20.000	18.590	7.1	110	0.00
83 M	1,3-Dichlorobenzene	20.000	18.622	6.9	109	0.00
84 M	1,4-Dichlorobenzene	20.000	18.374	8.1	109	0.00
85	n-Butylbenzene	20.000	18.106	9.5	109	0.00
86 T	Hexachloroethane	20.000	17.634	11.8	111	0.00
87 M	1,2-Dichlorobenzene	20.000	18.619	6.9	108	0.00
88	1,2-Dibromo-3-Chloropropane	20.000	17.789	11.1	113	0.00
89	1,2,4-Trichlorobenzene	20.000	17.775	11.1	109	0.00
90	Hexachlorobutadiene	20.000	16.952	15.2	100	0.00
91 M	Naphthalene	20.000	18.725	6.4	112	0.00
92	1,2,3-Trichlorobenzene	20.000	18.344	8.3	111	0.00

(#) = Out of Range

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