

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX080321\
 Data File : VX023524.D
 Acq On : 03 Aug 2021 13:29
 Operator : JC/MD
 Sample : VSTDICV020
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 ICVVX080321

Quant Time: Aug 04 04:54:32 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	110	0.00
2 M	Dichlorodifluoromethane	20.000	18.647	6.8	106	0.00
3 M	Chloromethane	20.000	18.443	7.8	104	0.00
4 M	Vinyl Chloride	20.000	18.381	8.1	107	0.00
5 M	Bromomethane	20.000	22.358	-11.8	113	0.00
6 M	Chloroethane	20.000	18.292	8.5	108	0.00
7 M	Trichlorofluoromethane	20.000	18.254	8.7	106	0.00
8 T	Diethyl Ether	20.000	17.622	11.9	104	0.00
9	1,1,2-Trichlorotrifluoroeth	20.000	18.692	6.5	108	0.00
10 M	1,1-Dichloroethene	20.000	18.320	8.4	108	0.00
11	Methyl Iodide	20.000	16.746	16.3	104	0.00
12	Methyl Acetate	20.000	17.844	10.8	103	0.00
13 M	Acrolein	100.000	88.845	11.2	111	0.00
14 M	Acrylonitrile	100.000	91.216	8.8	105	0.00
15 M	Acetone	100.000	100.272	-0.3	100	0.00
16 M	Carbon Disulfide	20.000	17.658	11.7	108	0.00
17	Allyl chloride	20.000	18.194	9.0	108	0.00
18 M	Methylene Chloride	20.000	18.325	8.4	107	0.00
19 M	trans-1,2-Dichloroethene	20.000	18.291	8.5	109	0.00
20 T	Diisopropyl ether	20.000	18.114	9.4	105	0.00
21 M	1,1-Dichloroethane	20.000	18.340	8.3	108	0.00
22 M	cis-1,2-Dichloroethene	20.000	18.027	9.9	106	0.00
23 M	tert-Butyl Alcohol	100.000	91.213	8.8	104	0.00
24 M	Methyl tert-Butyl Ether	20.000	18.310	8.5	107	0.00
25 M	Chloroform	20.000	17.956	10.2	106	0.00
26	Cyclohexane	20.000	18.426	7.9	108	0.00
27 s	1,2-Dichloroethane-d4	30.000	29.232	2.6	109	0.00
28 I	1,4-Difluorobenzene	30.000	30.000	0.0	112	0.00
29	1,1-Dichloropropene	20.000	18.914	5.4	114	0.00
30 M	2-Butanone	100.000	92.206	7.8	101	0.00
31	2,2-Dichloropropane	20.000	18.516	7.4	108	0.00
32 M	1,1,1-Trichloroethane	20.000	17.881	10.6	105	0.00
33 M	Carbon Tetrachloride	20.000	17.914	10.4	106	0.00
34 M	Benzene	20.000	18.185	9.1	105	0.00
35	Methacrylonitrile	20.000	17.691	11.5	106	0.00
36 M	1,2-Dichloroethane	20.000	17.981	10.1	105	0.00
37 M	Trichloroethene	20.000	18.466	7.7	110	0.00
38	Methylcyclohexane	20.000	18.807	6.0	113	0.00
39 M	1,2-Dichloropropane	20.000	18.057	9.7	105	0.00
40	Dibromomethane	20.000	17.979	10.1	105	0.00
41 M	Bromodichloromethane	20.000	17.714	11.4	107	0.00
42 M	Vinyl Acetate	100.000	91.548	8.5	106	0.00
43	Ethyl Acetate	20.000	18.265	8.7	104	0.00
44	Isopropyl Acetate	20.000	17.931	10.3	106	0.00
45 T	1,4-Dioxane	400.000	370.582	7.4	102	0.00
46	Methyl methacrylate	20.000	18.143	9.3	107	0.00
47	n-amyl Acetate	20.000	17.917	10.4	107	0.00
48 M	t-1,3-Dichloropropene	20.000	17.709	11.5	108	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
49 T	cis-1,3-Dichloropropene	20.000	17.840	10.8	107	0.00
50 M	1,1,2-Trichloroethane	20.000	17.922	10.4	106	0.00
51	Ethyl methacrylate	20.000	18.029	9.9	111	0.00
52	1,3-Dichloropropane	20.000	18.328	8.4	107	0.00
53 M	Dibromochloromethane	20.000	17.002	15.0	106	0.00
54 M	1,2-Dibromoethane	20.000	18.127	9.4	107	0.00
55 M	2-Chloroethyl vinyl ether	100.000	96.589	3.4	114	0.00
56 M	Bromoform	20.000	16.962	15.2	105	0.00
57 I	Chlorobenzene-d5	30.000	30.000	0.0	111	0.00
58 M	4-Methyl-2-Pentanone	100.000	94.271	5.7	104	0.00
59 M	2-Hexanone	100.000	96.766	3.2	104	0.00
60 S	4-Bromofluorobenzene	30.000	29.507	1.6	112	0.00
61 M	Tetrachloroethene	20.000	19.788	1.1	110	0.00
62 M	Toluene	20.000	19.049	4.8	108	0.00
63 S	Toluene-d8	30.000	30.217	-0.7	110	0.00
64 M	Chlorobenzene	20.000	18.756	6.2	107	0.00
65	1,1,1,2-Tetrachloroethane	20.000	18.207	9.0	107	0.00
66 M	Ethyl Benzene	20.000	18.830	5.9	110	0.00
67 M	m/p-Xylenes	40.000	37.484	6.3	108	0.00
68 M	o-Xylene	20.000	18.653	6.7	108	0.00
69 M	Styrene	20.000	18.471	7.6	109	0.00
70	Isopropylbenzene	20.000	18.654	6.7	110	0.00
71 M	1,1,2,2-Tetrachloroethane	20.000	18.943	5.3	107	0.00
72	1,2,3-Trichloropropane	20.000	18.903	5.5	104	0.00
73	Bromobenzene	20.000	18.849	5.8	110	0.00
74	n-propylbenzene	20.000	18.568	7.2	110	0.00
75	2-Chlorotoluene	20.000	18.711	6.4	110	0.00
76	1,3,5-Trimethylbenzene	20.000	18.770	6.2	110	0.00
77	t-1,4-Dichloro-2-butene	20.000	17.788	11.1	106	0.00
78	4-Chlorotoluene	20.000	18.303	8.5	109	0.00
79	tert-butylbenzene	20.000	18.706	6.5	110	0.00
80	1,2,4-Trimethylbenzene	20.000	18.814	5.9	108	0.00
81	sec-Butylbenzene	20.000	18.858	5.7	112	0.00
82	p-Isopropyltoluene	20.000	18.924	5.4	112	0.00
83 M	1,3-Dichlorobenzene	20.000	18.436	7.8	109	0.00
84 M	1,4-Dichlorobenzene	20.000	18.615	6.9	111	0.00
85	n-Butylbenzene	20.000	18.698	6.5	113	0.00
86 T	Hexachloroethane	20.000	17.425	12.9	110	0.00
87 M	1,2-Dichlorobenzene	20.000	18.489	7.6	107	0.00
88	1,2-Dibromo-3-Chloropropane	20.000	16.574	17.1	106	0.00
89	1,2,4-Trichlorobenzene	20.000	18.580	7.1	115	0.00
90	Hexachlorobutadiene	20.000	19.018	4.9	112	0.00
91 M	Naphthalene	20.000	17.796	11.0	107	0.00
92	1,2,3-Trichlorobenzene	20.000	18.531	7.3	113	0.00

(#) = Out of Range

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