

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\WX011022\
 Data File : VX026398.D
 Acq On : 10 Jan 2022 13:07
 Operator : JC/MD
 Sample : VSTDICV020
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 ICVVX011022

Quant Time: Jan 10 16:08:09 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\624X011022W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Mon Jan 10 12:50:55 2022
 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	105	0.00
2 M	Dichlorodifluoromethane	20.000	23.051	-15.3	101	0.00
3 M	Chloromethane	20.000	22.174	-10.9	101	0.00
4 M	Vinyl Chloride	20.000	21.337	-6.7	99	0.00
5 M	Bromomethane	20.000	23.624	-18.1	106	0.00
6 M	Chloroethane	20.000	21.230	-6.2	95	0.00
7 M	Trichlorofluoromethane	20.000	21.284	-6.4	97	0.00
8 T	Diethyl Ether	20.000	21.612	-8.1	101	0.00
9	1,1,2-Trichlorotrifluoroeth	20.000	21.899	-9.5	100	0.00
10 M	1,1-Dichloroethene	20.000	21.013	-5.1	98	0.00
11	Methyl Iodide	20.000	19.052	4.7	97	0.00
12	Methyl Acetate	20.000	21.324	-6.6	100	0.00
13 M	Acrolein	100.000	98.918	1.1	116	0.00
14 M	Acrylonitrile	100.000	107.164	-7.2	100	0.00
15 M	Acetone	100.000	108.190	-8.2	94	0.00
16 M	Carbon Disulfide	20.000	21.207	-6.0	100	0.00
17	Allyl chloride	20.000	20.866	-4.3	100	0.00
18 M	Methylene Chloride	20.000	21.303	-6.5	100	0.00
19 M	trans-1,2-Dichloroethene	20.000	20.888	-4.4	99	0.00
20 T	Diisopropyl ether	20.000	21.385	-6.9	98	0.00
21 M	1,1-Dichloroethane	20.000	21.169	-5.8	99	0.00
22 M	cis-1,2-Dichloroethene	20.000	21.178	-5.9	101	0.00
23 M	tert-Butyl Alcohol	100.000	109.434	-9.4	111	0.00
24 M	Methyl tert-Butyl Ether	20.000	21.116	-5.6	98	0.00
25 M	Chloroform	20.000	21.010	-5.1	97	0.00
26	Cyclohexane	20.000	21.409	-7.0	99	0.00
27 s	1,2-Dichloroethane-d4	30.000	29.881	0.4	102	0.00
28 I	1,4-Difluorobenzene	30.000	30.000	0.0	104	0.00
29	1,1-Dichloropropene	20.000	20.874	-4.4	100	0.00
30 M	2-Butanone	100.000	102.762	-2.8	95	0.00
31	2,2-Dichloropropane	20.000	20.428	-2.1	99	0.00
32 M	1,1,1-Trichloroethane	20.000	21.039	-5.2	100	0.00
33 M	Carbon Tetrachloride	20.000	20.514	-2.6	98	0.00
34 M	Benzene	20.000	21.024	-5.1	99	0.00
35	Methacrylonitrile	20.000	21.230	-6.2	101	0.00
36 M	1,2-Dichloroethane	20.000	20.963	-4.8	100	0.00
37 M	Trichloroethene	20.000	21.145	-5.7	101	0.00
38	Methylcyclohexane	20.000	21.427	-7.1	100	0.00
39 M	1,2-Dichloropropane	20.000	21.153	-5.8	100	0.00
40	Dibromomethane	20.000	21.192	-6.0	101	0.00
41 M	Bromodichloromethane	20.000	21.068	-5.3	100	0.00
42 M	Vinyl Acetate	100.000	106.456	-6.5	101	0.00
43	Ethyl Acetate	20.000	21.789	-8.9	104	0.00
44	Isopropyl Acetate	20.000	21.264	-6.3	102	0.00
45 T	1,4-Dioxane	400.000	442.062	-10.5	105	0.00
46	Methyl methacrylate	20.000	21.744	-8.7	103	0.00
47	n-amyl Acetate	20.000	21.820	-9.1	103	0.00
48 M	t-1,3-Dichloropropene	20.000	20.622	-3.1	100	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
49 T	cis-1,3-Dichloropropene	20.000	20.948	-4.7	101	0.00
50 M	1,1,2-Trichloroethane	20.000	20.984	-4.9	98	0.00
51	Ethyl methacrylate	20.000	21.689	-8.4	102	0.00
52	1,3-Dichloropropane	20.000	21.617	-8.1	101	0.00
53 M	Dibromochloromethane	20.000	21.102	-5.5	99	0.00
54 M	1,2-Dibromoethane	20.000	21.391	-7.0	102	0.00
55 M	2-Chloroethyl vinyl ether	100.000	69.890	30.1#	70	0.00
56 M	Bromoform	20.000	20.571	-2.9	101	0.00
57 I	Chlorobenzene-d5	30.000	30.000	0.0	106	0.00
58 M	4-Methyl-2-Pentanone	100.000	108.553	-8.6	100	0.00
59 M	2-Hexanone	100.000	107.350	-7.3	97	0.00
60 S	4-Bromofluorobenzene	30.000	29.443	1.9	104	0.00
61 M	Tetrachloroethene	20.000	21.110	-5.5	99	0.00
62 M	Toluene	20.000	21.284	-6.4	102	0.00
63 S	Toluene-d8	30.000	29.614	1.3	104	0.00
64 M	Chlorobenzene	20.000	21.156	-5.8	100	0.00
65	1,1,1,2-Tetrachloroethane	20.000	21.489	-7.4	102	0.00
66 M	Ethyl Benzene	20.000	21.263	-6.3	101	0.00
67 M	m/p-Xylenes	40.000	42.564	-6.4	101	0.00
68 M	o-Xylene	20.000	21.607	-8.0	101	0.00
69 M	Styrene	20.000	21.247	-6.2	102	0.00
70	Isopropylbenzene	20.000	21.655	-8.3	102	0.00
71 M	1,1,2,2-Tetrachloroethane	20.000	21.083	-5.4	102	0.00
72	1,2,3-Trichloropropane	20.000	21.627	-8.1	103	0.00
73	Bromobenzene	20.000	20.961	-4.8	100	0.00
74	n-propylbenzene	20.000	21.520	-7.6	103	0.00
75	2-Chlorotoluene	20.000	21.271	-6.4	101	0.00
76	1,3,5-Trimethylbenzene	20.000	21.485	-7.4	101	0.00
77	t-1,4-Dichloro-2-butene	20.000	19.064	4.7	100	0.00
78	4-Chlorotoluene	20.000	21.344	-6.7	102	0.00
79	tert-butylbenzene	20.000	21.321	-6.6	101	0.00
80	1,2,4-Trimethylbenzene	20.000	21.233	-6.2	100	0.00
81	sec-Butylbenzene	20.000	21.539	-7.7	102	0.00
82	p-Isopropyltoluene	20.000	21.601	-8.0	102	0.00
83 M	1,3-Dichlorobenzene	20.000	20.992	-5.0	102	0.00
84 M	1,4-Dichlorobenzene	20.000	20.959	-4.8	102	0.00
85	n-Butylbenzene	20.000	21.095	-5.5	102	0.00
86 T	Hexachloroethane	20.000	20.718	-3.6	102	0.00
87 M	1,2-Dichlorobenzene	20.000	21.301	-6.5	102	0.00
88	1,2-Dibromo-3-Chloropropane	20.000	20.723	-3.6	102	0.00
89	1,2,4-Trichlorobenzene	20.000	20.443	-2.2	103	0.00
90	Hexachlorobutadiene	20.000	20.792	-4.0	101	0.00
91 M	Naphthalene	20.000	20.389	-1.9	101	0.00
92	1,2,3-Trichlorobenzene	20.000	20.251	-1.3	99	0.00

(#) = Out of Range

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