

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\WX100523\
 Data File : VX038114.D
 Acq On : 05 Oct 2023 21:32
 Operator : JC/MD
 Sample : VSTDCCC020
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 MSVOA_X
 LabSampleId :
 VSTDCCC020

Quant Time: Oct 06 06:35:09 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\624X092723W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Thu Sep 28 06:08:32 2023
 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	55	0.00
2 M	Dichlorodifluoromethane	20.000	18.128	9.4	51	0.00
3 M	Chloromethane	20.000	17.576	12.1	49	0.00
4 M	Vinyl Chloride	20.000	18.750	6.3	52	0.00
5 M	Bromomethane	20.000	24.202	-21.0	65	0.00
6 M	Chloroethane	20.000	22.229	-11.1	62	0.00
7 M	Trichlorofluoromethane	20.000	22.542	-12.7	63	0.00
8 T	Diethyl Ether	20.000	23.161	-15.8	66	0.00
9	1,1,2-Trichlorotrifluoroeth	20.000	17.444	12.8	50	0.00
10 M	1,1-Dichloroethene	20.000	17.595	12.0	49	0.00
11	Methyl Iodide	20.000	18.915	5.4	55	0.00
12	Methyl Acetate	20.000	25.951	-29.8#	72	0.00
13 M	Acrolein	100.000	95.800	4.2	53	0.00
14 M	Acrylonitrile	100.000	122.390	-22.4	68	0.00
15 M	Acetone	100.000	112.609	-12.6	62	0.00
16 M	Carbon Disulfide	20.000	17.235	13.8	51	0.00
17	Allyl chloride	20.000	17.804	11.0	51	0.00
18 M	Methylene Chloride	20.000	19.059	4.7	54	0.00
19 M	trans-1,2-Dichloroethene	20.000	19.067	4.7	54	0.00
20 T	Diisopropyl ether	20.000	20.714	-3.6	57	0.00
21 M	1,1-Dichloroethane	20.000	20.201	-1.0	56	0.00
22 M	cis-1,2-Dichloroethene	20.000	19.510	2.4	55	0.00
23 M	tert-Butyl Alcohol	100.000	126.153	-26.2#	73	0.00
24 M	Methyl tert-Butyl Ether	20.000	20.293	-1.5	57	0.00
25 M	Chloroform	20.000	21.187	-5.9	59	0.00
26	Cyclohexane	20.000	19.463	2.7	55	0.00
27 s	1,2-Dichloroethane-d4	30.000	33.825	-12.8	63	0.00
28 I	1,4-Difluorobenzene	30.000	30.000	0.0	54	0.00
29	1,1-Dichloropropene	20.000	20.702	-3.5	57	0.00
30 M	2-Butanone	100.000	138.702	-38.7#	75	0.00
31	2,2-Dichloropropane	20.000	16.133	19.3	44	0.00
32 M	1,1,1-Trichloroethane	20.000	20.481	-2.4	56	0.00
33 M	Carbon Tetrachloride	20.000	20.222	-1.1	57	0.00
34 M	Benzene	20.000	20.553	-2.8	55	0.00
35	Methacrylonitrile	20.000	25.785	-28.9#	73	0.00
36 M	1,2-Dichloroethane	20.000	23.349	-16.7	63	0.00
37 M	Trichloroethene	20.000	19.572	2.1	53	0.00
38	Methylcyclohexane	20.000	19.372	3.1	54	0.00
39 M	1,2-Dichloropropane	20.000	21.034	-5.2	57	0.00
40	Dibromomethane	20.000	21.788	-8.9	60	0.00
41 M	Bromodichloromethane	20.000	20.946	-4.7	59	0.00
42 M	Vinyl Acetate	100.000	109.558	-9.6	60	0.00
43	Ethyl Acetate	20.000	27.416	-37.1#	77	0.00
44	Isopropyl Acetate	20.000	24.369	-21.8	68	0.00
45 T	1,4-Dioxane	400.000	450.251	-12.6	62	0.00
46	Methyl methacrylate	20.000	24.211	-21.1	66	0.00
47	n-amyl Acetate	20.000	22.557	-12.8	64	0.00
48 M	t-1,3-Dichloropropene	20.000	19.688	1.6	57	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
49 T	cis-1,3-Dichloropropene	20.000	19.747	1.3	56	0.00
50 M	1,1,2-Trichloroethane	20.000	21.169	-5.8	59	0.00
51	Ethyl methacrylate	20.000	21.526	-7.6	61	0.00
52	1,3-Dichloropropane	20.000	22.191	-11.0	61	0.00
53 M	Dibromochloromethane	20.000	19.352	3.2	56	0.00
54 M	1,2-Dibromoethane	20.000	21.042	-5.2	58	0.00
55 M	2-Chloroethyl vinyl ether	100.000	118.736	-18.7	66	0.00
56 M	Bromoform	20.000	18.727	6.4	58	0.00
57 I	Chlorobenzene-d5	30.000	30.000	0.0	56	0.00
58 M	4-Methyl-2-Pentanone	100.000	136.887	-36.9#	75	0.00
59 M	2-Hexanone	100.000	140.972	-41.0#	78	0.00
60 S	4-Bromofluorobenzene	30.000	30.271	-0.9	58	0.00
61 M	Tetrachloroethene	20.000	19.511	2.4	55	0.00
62 M	Toluene	20.000	20.371	-1.9	57	0.00
63 S	Toluene-d8	30.000	30.835	-2.8	57	0.00
64 M	Chlorobenzene	20.000	20.267	-1.3	57	0.00
65	1,1,1,2-Tetrachloroethane	20.000	19.335	3.3	55	0.00
66 M	Ethyl Benzene	20.000	20.398	-2.0	57	0.00
67 M	m/p-Xylenes	40.000	40.292	-0.7	57	0.00
68 M	o-Xylene	20.000	20.165	-0.8	57	0.00
69 M	Styrene	20.000	20.074	-0.4	58	0.00
70	Isopropylbenzene	20.000	20.140	-0.7	57	0.00
71 M	1,1,2,2-Tetrachloroethane	20.000	22.439	-12.2	63	0.00
72	1,2,3-Trichloropropane	20.000	23.815	-19.1	68	0.00
73	Bromobenzene	20.000	19.420	2.9	56	0.00
74	n-propylbenzene	20.000	20.748	-3.7	58	0.00
75	2-Chlorotoluene	20.000	20.931	-4.7	60	0.00
76	1,3,5-Trimethylbenzene	20.000	20.420	-2.1	58	0.00
77	t-1,4-Dichloro-2-butene	20.000	18.131	9.3	58	0.00
78	4-Chlorotoluene	20.000	20.754	-3.8	59	0.00
79	tert-butylbenzene	20.000	19.517	2.4	56	0.00
80	1,2,4-Trimethylbenzene	20.000	20.019	-0.1	57	0.00
81	sec-Butylbenzene	20.000	20.273	-1.4	58	0.00
82	p-Isopropyltoluene	20.000	19.413	2.9	56	0.00
83 M	1,3-Dichlorobenzene	20.000	19.314	3.4	56	0.00
84 M	1,4-Dichlorobenzene	20.000	19.507	2.5	56	0.00
85	n-Butylbenzene	20.000	20.186	-0.9	59	0.00
86 T	Hexachloroethane	20.000	18.328	8.4	57	0.00
87 M	1,2-Dichlorobenzene	20.000	19.232	3.8	55	0.00
88	1,2-Dibromo-3-Chloropropane	20.000	25.762	-28.8#	76	0.00
89	1,2,4-Trichlorobenzene	20.000	18.465	7.7	54	0.00
90	Hexachlorobutadiene	20.000	16.960	15.2	50	0.00
91 M	Naphthalene	20.000	21.079	-5.4	59	0.00
92	1,2,3-Trichlorobenzene	20.000	18.758	6.2	53	0.00

(#) = Out of Range

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