

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX092823\
 Data File : VX037938.D
 Acq On : 28 Sep 2023 09:30
 Operator : JC/MD
 Sample : VSTDCCC020
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 LabSampleId :
 VSTDCCC020

Quant Time: Sep 29 04:20:48 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	102	0.00
2 M	Dichlorodifluoromethane	20.000	19.773	1.1	103	0.00
3 M	Chloromethane	20.000	19.472	2.6	100	0.00
4 M	Vinyl Chloride	20.000	19.481	2.6	101	0.00
5 M	Bromomethane	20.000	19.508	2.5	97	0.00
6 M	Chloroethane	20.000	19.629	1.9	102	0.00
7 M	Trichlorofluoromethane	20.000	19.677	1.6	101	0.00
8 T	Diethyl Ether	20.000	20.342	-1.7	107	0.00
9	1,1,2-Trichlorotrifluoroeth	20.000	19.786	1.1	104	0.00
10 M	1,1-Dichloroethene	20.000	19.317	3.4	100	0.00
11	Methyl Iodide	20.000	19.314	3.4	104	0.00
12	Methyl Acetate	20.000	20.512	-2.6	105	0.00
13 M	Acrolein	100.000	107.346	-7.3	110	0.00
14 M	Acrylonitrile	100.000	103.122	-3.1	107	0.00
15 M	Acetone	100.000	126.503	-26.5#	128	0.00
16 M	Carbon Disulfide	20.000	19.873	0.6	109	0.00
17	Allyl chloride	20.000	19.796	1.0	104	0.00
18 M	Methylene Chloride	20.000	19.277	3.6	101	0.00
19 M	trans-1,2-Dichloroethene	20.000	19.351	3.2	102	0.00
20 T	Diisopropyl ether	20.000	20.014	-0.1	103	0.00
21 M	1,1-Dichloroethane	20.000	19.545	2.3	101	0.00
22 M	cis-1,2-Dichloroethene	20.000	19.260	3.7	101	0.00
23 M	tert-Butyl Alcohol	100.000	107.988	-8.0	115	0.00
24 M	Methyl tert-Butyl Ether	20.000	20.073	-0.4	104	0.00
25 M	Chloroform	20.000	19.673	1.6	102	0.00
26	Cyclohexane	20.000	19.464	2.7	103	0.00
27 s	1,2-Dichloroethane-d4	30.000	30.541	-1.8	106	0.00
28 I	1,4-Difluorobenzene	30.000	30.000	0.0	103	0.00
29	1,1-Dichloropropene	20.000	19.724	1.4	102	0.00
30 M	2-Butanone	100.000	110.793	-10.8	113	0.00
31	2,2-Dichloropropane	20.000	20.416	-2.1	106	0.00
32 M	1,1,1-Trichloroethane	20.000	19.697	1.5	103	0.00
33 M	Carbon Tetrachloride	20.000	20.315	-1.6	107	0.00
34 M	Benzene	20.000	19.704	1.5	100	0.00
35	Methacrylonitrile	20.000	20.205	-1.0	108	0.00
36 M	1,2-Dichloroethane	20.000	20.021	-0.1	102	0.00
37 M	Trichloroethene	20.000	19.360	3.2	100	0.00
38	Methylcyclohexane	20.000	20.000	0.0	105	0.00
39 M	1,2-Dichloropropane	20.000	19.677	1.6	102	0.00
40	Dibromomethane	20.000	20.317	-1.6	106	0.00
41 M	Bromodichloromethane	20.000	20.114	-0.6	107	0.00
42 M	Vinyl Acetate	100.000	103.402	-3.4	106	0.00
43	Ethyl Acetate	20.000	19.629	1.9	104	0.00
44	Isopropyl Acetate	20.000	20.503	-2.5	108	0.00
45 T	1,4-Dioxane	400.000	447.157	-11.8	116	0.00
46	Methyl methacrylate	20.000	20.560	-2.8	106	0.00
47	n-amyl Acetate	20.000	19.443	2.8	104	0.00
48 M	t-1,3-Dichloropropene	20.000	20.047	-0.2	110	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
49 T	cis-1,3-Dichloropropene	20.000	19.873	0.6	106	0.00
50 M	1,1,2-Trichloroethane	20.000	20.168	-0.8	106	0.00
51	Ethyl methacrylate	20.000	19.662	1.7	105	0.00
52	1,3-Dichloropropane	20.000	20.241	-1.2	104	0.00
53 M	Dibromochloromethane	20.000	19.896	0.5	108	0.00
54 M	1,2-Dibromoethane	20.000	19.938	0.3	103	0.00
55 M	2-Chloroethyl vinyl ether	100.000	101.348	-1.3	107	0.00
56 M	Bromoform	20.000	19.301	3.5	113	0.00
57 I	Chlorobenzene-d5	30.000	30.000	0.0	102	0.00
58 M	4-Methyl-2-Pentanone	100.000	104.780	-4.8	104	0.00
59 M	2-Hexanone	100.000	108.849	-8.8	110	0.00
60 S	4-Bromofluorobenzene	30.000	30.025	-0.1	105	0.00
61 M	Tetrachloroethene	20.000	20.008	-0.0	103	0.00
62 M	Toluene	20.000	19.942	0.3	101	0.00
63 S	Toluene-d8	30.000	30.396	-1.3	102	0.00
64 M	Chlorobenzene	20.000	20.116	-0.6	103	0.00
65	1,1,1,2-Tetrachloroethane	20.000	20.159	-0.8	104	0.00
66 M	Ethyl Benzene	20.000	20.098	-0.5	103	0.00
67 M	m/p-Xylenes	40.000	39.948	0.1	102	0.00
68 M	o-Xylene	20.000	19.847	0.8	103	0.00
69 M	Styrene	20.000	19.745	1.3	103	0.00
70	Isopropylbenzene	20.000	20.016	-0.1	103	0.00
71 M	1,1,2,2-Tetrachloroethane	20.000	20.274	-1.4	104	0.00
72	1,2,3-Trichloropropane	20.000	20.808	-4.0	108	0.00
73	Bromobenzene	20.000	19.633	1.8	104	0.00
74	n-propylbenzene	20.000	20.091	-0.5	103	0.00
75	2-Chlorotoluene	20.000	19.841	0.8	103	0.00
76	1,3,5-Trimethylbenzene	20.000	19.859	0.7	103	0.00
77	t-1,4-Dichloro-2-butene	20.000	20.026	-0.1	117	0.00
78	4-Chlorotoluene	20.000	19.962	0.2	104	0.00
79	tert-butylbenzene	20.000	19.874	0.6	104	0.00
80	1,2,4-Trimethylbenzene	20.000	19.963	0.2	103	0.00
81	sec-Butylbenzene	20.000	20.174	-0.9	105	0.00
82	p-Isopropyltoluene	20.000	20.191	-1.0	105	0.00
83 M	1,3-Dichlorobenzene	20.000	20.036	-0.2	105	0.00
84 M	1,4-Dichlorobenzene	20.000	19.686	1.6	103	0.00
85	n-Butylbenzene	20.000	20.099	-0.5	108	0.00
86 T	Hexachloroethane	20.000	19.584	2.1	110	0.00
87 M	1,2-Dichlorobenzene	20.000	19.614	1.9	102	0.00
88	1,2-Dibromo-3-Chloropropane	20.000	21.219	-6.1	115	0.00
89	1,2,4-Trichlorobenzene	20.000	20.064	-0.3	106	0.00
90	Hexachlorobutadiene	20.000	20.334	-1.7	109	0.00
91 M	Naphthalene	20.000	20.380	-1.9	104	0.00
92	1,2,3-Trichlorobenzene	20.000	20.140	-0.7	104	0.00

(#) = Out of Range

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