

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX120823\
 Data File : VX039094.D
 Acq On : 08 Dec 2023 10:12
 Operator : JC/MD
 Sample : VSTDCCC020
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_X
 LabSampleId :
 VSTDCCC020

Quant Time: Dec 08 23:43:46 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\624X112423W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Mon Nov 27 03:22:25 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	101	0.00
2 M	Dichlorodifluoromethane	20.000	18.878	5.6	94	0.00
3 M	Chloromethane	20.000	19.493	2.5	100	0.00
4 M	Vinyl Chloride	20.000	19.266	3.7	98	0.00
5 M	Bromomethane	20.000	23.421	-17.1	106	0.00
6 M	Chloroethane	20.000	20.545	-2.7	100	0.00
7 M	Trichlorofluoromethane	20.000	19.590	2.1	98	0.00
8 T	Diethyl Ether	20.000	20.125	-0.6	102	0.00
9	1,1,2-Trichlorotrifluoroeth	20.000	22.012	-10.1	113	0.00
10 M	1,1-Dichloroethene	20.000	21.334	-6.7	109	0.00
11	Methyl Iodide	20.000	16.668	16.7	93	0.00
12	Methyl Acetate	20.000	22.320	-11.6	115	0.00
13 M	Acrolein	100.000	96.860	3.1	103	0.00
14 M	Acrylonitrile	100.000	106.484	-6.5	109	0.00
15 M	Acetone	100.000	124.029	-24.0	112	0.00
16 M	Carbon Disulfide	20.000	19.649	1.8	102	0.00
17	Allyl chloride	20.000	21.713	-8.6	111	0.00
18 M	Methylene Chloride	20.000	21.364	-6.8	113	0.00
19 M	trans-1,2-Dichloroethene	20.000	20.566	-2.8	107	0.00
20 T	Diisopropyl ether	20.000	22.242	-11.2	114	0.00
21 M	1,1-Dichloroethane	20.000	21.651	-8.3	112	0.00
22 M	cis-1,2-Dichloroethene	20.000	21.397	-7.0	110	-0.01
23 M	tert-Butyl Alcohol	100.000	83.312	16.7	88	0.00
24 M	Methyl tert-Butyl Ether	20.000	21.514	-7.6	111	0.00
25 M	Chloroform	20.000	21.205	-6.0	110	0.00
26	Cyclohexane	20.000	20.898	-4.5	107	0.00
27 s	1,2-Dichloroethane-d4	30.000	30.630	-2.1	101	0.00
28 I	1,4-Difluorobenzene	30.000	30.000	0.0	103	0.00
29	1,1-Dichloropropene	20.000	19.762	1.2	106	0.00
30 M	2-Butanone	100.000	106.030	-6.0	110	0.00
31	2,2-Dichloropropane	20.000	20.301	-1.5	107	0.00
32 M	1,1,1-Trichloroethane	20.000	19.773	1.1	105	0.00
33 M	Carbon Tetrachloride	20.000	19.227	3.9	102	-0.01
34 M	Benzene	20.000	20.612	-3.1	110	0.00
35	Methacrylonitrile	20.000	20.596	-3.0	113	0.00
36 M	1,2-Dichloroethane	20.000	20.221	-1.1	107	0.00
37 M	Trichloroethene	20.000	19.912	0.4	106	0.00
38	Methylcyclohexane	20.000	20.259	-1.3	107	0.00
39 M	1,2-Dichloropropane	20.000	21.496	-7.5	118	0.00
40	Dibromomethane	20.000	19.707	1.5	106	0.00
41 M	Bromodichloromethane	20.000	20.616	-3.1	110	0.00
42 M	Vinyl Acetate	100.000	103.206	-3.2	109	0.00
43	Ethyl Acetate	20.000	19.661	1.7	105	0.00
44	Isopropyl Acetate	20.000	20.395	-2.0	111	0.00
45 T	1,4-Dioxane	400.000	296.281	25.9#	83	0.00
46	Methyl methacrylate	20.000	20.376	-1.9	110	0.00
47	n-amyl Acetate	20.000	20.189	-0.9	113	0.00
48 M	t-1,3-Dichloropropene	20.000	19.606	2.0	105	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
49 T	cis-1,3-Dichloropropene	20.000	20.643	-3.2	110	0.00
50 M	1,1,2-Trichloroethane	20.000	20.766	-3.8	111	0.00
51	Ethyl methacrylate	20.000	20.907	-4.5	116	0.00
52	1,3-Dichloropropane	20.000	20.661	-3.3	110	0.00
53 M	Dibromochloromethane	20.000	19.788	1.1	105	0.00
54 M	1,2-Dibromoethane	20.000	19.717	1.4	107	0.00
55 M	2-Chloroethyl vinyl ether	100.000	97.774	2.2	110	0.00
56 M	Bromoform	20.000	18.427	7.9	101	0.00
57 I	Chlorobenzene-d5	30.000	30.000	0.0	102	0.00
58 M	4-Methyl-2-Pentanone	100.000	105.148	-5.1	109	0.00
59 M	2-Hexanone	100.000	106.067	-6.1	110	0.00
60 S	4-Bromofluorobenzene	30.000	30.198	-0.7	105	0.00
61 M	Tetrachloroethene	20.000	19.747	1.3	101	0.00
62 M	Toluene	20.000	20.753	-3.8	108	0.00
63 S	Toluene-d8	30.000	30.225	-0.8	104	0.00
64 M	Chlorobenzene	20.000	20.457	-2.3	108	0.00
65	1,1,1,2-Tetrachloroethane	20.000	20.665	-3.3	108	0.00
66 M	Ethyl Benzene	20.000	20.672	-3.4	108	0.00
67 M	m/p-Xylenes	40.000	41.087	-2.7	108	0.00
68 M	o-Xylene	20.000	20.728	-3.6	110	0.00
69 M	Styrene	20.000	20.271	-1.4	108	0.00
70	Isopropylbenzene	20.000	20.757	-3.8	108	0.00
71 M	1,1,2,2-Tetrachloroethane	20.000	21.148	-5.7	112	0.00
72	1,2,3-Trichloropropane	20.000	21.228	-6.1	110	0.00
73	Bromobenzene	20.000	20.114	-0.6	108	0.00
74	n-propylbenzene	20.000	20.820	-4.1	109	0.00
75	2-Chlorotoluene	20.000	20.627	-3.1	109	0.00
76	1,3,5-Trimethylbenzene	20.000	20.069	-0.3	105	0.00
77	t-1,4-Dichloro-2-butene	20.000	19.675	1.6	110	0.00
78	4-Chlorotoluene	20.000	20.611	-3.1	108	0.00
79	tert-butylbenzene	20.000	20.522	-2.6	107	0.00
80	1,2,4-Trimethylbenzene	20.000	20.398	-2.0	107	0.00
81	sec-Butylbenzene	20.000	20.779	-3.9	110	0.00
82	p-Isopropyltoluene	20.000	20.035	-0.2	106	0.00
83 M	1,3-Dichlorobenzene	20.000	20.155	-0.8	108	0.00
84 M	1,4-Dichlorobenzene	20.000	20.194	-1.0	107	0.00
85	n-Butylbenzene	20.000	20.455	-2.3	110	0.00
86 T	Hexachloroethane	20.000	19.892	0.5	106	0.00
87 M	1,2-Dichlorobenzene	20.000	20.386	-1.9	107	0.00
88	1,2-Dibromo-3-Chloropropane	20.000	19.146	4.3	101	0.00
89	1,2,4-Trichlorobenzene	20.000	20.186	-0.9	107	0.00
90	Hexachlorobutadiene	20.000	20.618	-3.1	108	0.00
91 M	Naphthalene	20.000	19.740	1.3	106	0.00
92	1,2,3-Trichlorobenzene	20.000	20.810	-4.0	110	0.00

(#) = Out of Range

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