

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\X032823\
 Data File : VX034779.D
 Acq On : 28 Mar 2023 09:06
 Operator : JC/MD
 Sample : VSTDCCC020
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 LabSampleId :
 VSTDCCC020

Quant Time: Mar 28 15:16:37 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\624X032823W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Tue Mar 28 09:11:00 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	99	0.00
2 M	Dichlorodifluoromethane	20.000	21.043	-5.2	112	0.00
3 M	Chloromethane	20.000	20.773	-3.9	102	0.00
4 M	Vinyl Chloride	20.000	20.730	-3.7	106	0.00
5 M	Bromomethane	20.000	21.187	-5.9	106	0.00
6 M	Chloroethane	20.000	20.545	-2.7	106	0.00
7 M	Trichlorofluoromethane	20.000	21.097	-5.5	112	0.00
8 T	Diethyl Ether	20.000	20.274	-1.4	102	0.00
9	1,1,2-Trichlorotrifluoroeth	20.000	21.333	-6.7	115	0.00
10 M	1,1-Dichloroethene	20.000	20.003	-0.0	106	0.00
11	Methyl Iodide	20.000	19.581	2.1	106	0.00
12	Methyl Acetate	20.000	19.646	1.8	100	0.00
13 M	Acrolein	100.000	103.876	-3.9	104	0.00
14 M	Acrylonitrile	100.000	96.750	3.3	98	0.00
15 M	Acetone	100.000	113.821	-13.8	115	0.00
16 M	Carbon Disulfide	20.000	19.683	1.6	109	0.00
17	Allyl chloride	20.000	20.221	-1.1	107	0.00
18 M	Methylene Chloride	20.000	19.794	1.0	101	0.00
19 M	trans-1,2-Dichloroethene	20.000	20.439	-2.2	109	0.00
20 T	Diisopropyl ether	20.000	20.242	-1.2	103	0.00
21 M	1,1-Dichloroethane	20.000	19.712	1.4	102	0.00
22 M	cis-1,2-Dichloroethene	20.000	20.050	-0.3	105	0.00
23 M	tert-Butyl Alcohol	100.000	99.440	0.6	101	0.02
24 M	Methyl tert-Butyl Ether	20.000	19.610	2.0	101	0.00
25 M	Chloroform	20.000	19.734	1.3	104	0.00
26	Cyclohexane	20.000	20.827	-4.1	115	0.00
27 s	1,2-Dichloroethane-d4	30.000	30.292	-1.0	103	0.00
28 I	1,4-Difluorobenzene	30.000	30.000	0.0	106	0.00
29	1,1-Dichloropropene	20.000	19.774	1.1	113	0.00
30 M	2-Butanone	100.000	101.619	-1.6	107	0.00
31	2,2-Dichloropropane	20.000	20.598	-3.0	117	0.00
32 M	1,1,1-Trichloroethane	20.000	18.933	5.3	107	0.00
33 M	Carbon Tetrachloride	20.000	19.191	4.0	112	0.00
34 M	Benzene	20.000	19.546	2.3	105	0.00
35	Methacrylonitrile	20.000	18.075	9.6	97	0.00
36 M	1,2-Dichloroethane	20.000	19.150	4.3	105	0.00
37 M	Trichloroethene	20.000	19.860	0.7	111	0.00
38	Methylcyclohexane	20.000	20.757	-3.8	118	0.00
39 M	1,2-Dichloropropane	20.000	19.406	3.0	105	0.00
40	Dibromomethane	20.000	19.287	3.6	103	0.00
41 M	Bromodichloromethane	20.000	18.988	5.1	106	0.00
42 M	Vinyl Acetate	100.000	96.535	3.5	102	0.00
43	Ethyl Acetate	20.000	19.230	3.8	101	0.00
44	Isopropyl Acetate	20.000	18.548	7.3	99	0.00
45 T	1,4-Dioxane	400.000	400.690	-0.2	101	0.02
46	Methyl methacrylate	20.000	18.607	7.0	102	0.00
47	n-amyl Acetate	20.000	18.235	8.8	100	0.00
48 M	t-1,3-Dichloropropene	20.000	18.530	7.3	107	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
49 T	cis-1,3-Dichloropropene	20.000	19.297	3.5	108	0.00
50 M	1,1,2-Trichloroethane	20.000	19.085	4.6	104	0.00
51	Ethyl methacrylate	20.000	18.493	7.5	101	0.00
52	1,3-Dichloropropane	20.000	19.395	3.0	104	0.00
53 M	Dibromochloromethane	20.000	18.375	8.1	105	0.00
54 M	1,2-Dibromoethane	20.000	18.548	7.3	102	0.00
55 M	2-Chloroethyl vinyl ether	100.000	103.301	-3.3	108	0.00
56 M	Bromoform	20.000	17.337	13.3	106	0.00
57 I	Chlorobenzene-d5	30.000	30.000	0.0	105	0.00
58 M	4-Methyl-2-Pentanone	100.000	96.136	3.9	98	0.00
59 M	2-Hexanone	100.000	101.633	-1.6	105	0.00
60 S	4-Bromofluorobenzene	30.000	29.084	3.1	106	0.00
61 M	Tetrachloroethene	20.000	19.960	0.2	112	0.00
62 M	Toluene	20.000	19.744	1.3	107	0.00
63 S	Toluene-d8	30.000	30.075	-0.2	105	0.00
64 M	Chlorobenzene	20.000	19.731	1.3	108	0.00
65	1,1,1,2-Tetrachloroethane	20.000	18.911	5.4	104	0.00
66 M	Ethyl Benzene	20.000	19.876	0.6	109	0.00
67 M	m/p-Xylenes	40.000	39.945	0.1	112	0.00
68 M	o-Xylene	20.000	19.938	0.3	109	0.00
69 M	Styrene	20.000	19.383	3.1	108	0.00
70	Isopropylbenzene	20.000	19.791	1.0	111	0.00
71 M	1,1,2,2-Tetrachloroethane	20.000	19.201	4.0	101	0.00
72	1,2,3-Trichloropropane	20.000	17.585	12.1	93	0.00
73	Bromobenzene	20.000	19.653	1.7	108	0.00
74	n-propylbenzene	20.000	20.188	-0.9	114	0.00
75	2-Chlorotoluene	20.000	19.754	1.2	112	0.00
76	1,3,5-Trimethylbenzene	20.000	19.845	0.8	112	0.00
77	t-1,4-Dichloro-2-butene	20.000	17.417	12.9	108	0.00
78	4-Chlorotoluene	20.000	19.595	2.0	113	0.00
79	tert-butylbenzene	20.000	19.558	2.2	111	0.00
80	1,2,4-Trimethylbenzene	20.000	19.945	0.3	113	0.00
81	sec-Butylbenzene	20.000	19.982	0.1	115	0.00
82	p-Isopropyltoluene	20.000	19.945	0.3	116	0.00
83 M	1,3-Dichlorobenzene	20.000	19.654	1.7	110	0.00
84 M	1,4-Dichlorobenzene	20.000	19.485	2.6	110	0.00
85	n-Butylbenzene	20.000	19.877	0.6	118	0.00
86 T	Hexachloroethane	20.000	18.465	7.7	120	0.00
87 M	1,2-Dichlorobenzene	20.000	19.658	1.7	107	0.00
88	1,2-Dibromo-3-Chloropropane	20.000	17.607	12.0	105	0.00
89	1,2,4-Trichlorobenzene	20.000	20.008	-0.0	114	0.00
90	Hexachlorobutadiene	20.000	20.654	-3.3	119	0.00
91 M	Naphthalene	20.000	19.354	3.2	105	0.00
92	1,2,3-Trichlorobenzene	20.000	19.799	1.0	110	0.00

(#) = Out of Range

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