

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\X060723\
 Data File : VX036050.D
 Acq On : 07 Jun 2023 08:53
 Operator : JC/MD
 Sample : VSTDCCC020
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 LabSampleId :
 VSTDCCC020

Quant Time: Jun 08 07:20:44 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\624X052323W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Tue May 23 11:36:37 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	24.675	-23.4	194	0.00
3 M	Chloromethane	20.000	19.249	3.8	110	0.00
4 M	Vinyl Chloride	20.000	20.173	-0.9	123	0.00
5 M	Bromomethane	20.000	19.105	4.5	105	0.00
6 M	Chloroethane	20.000	19.305	3.5	112	0.00
7 M	Trichlorofluoromethane	20.000	21.443	-7.2	152	0.00
8 T	Diethyl Ether	20.000	19.184	4.1	102	0.00
9	1,1,2-Trichlorotrifluoroeth	20.000	23.157	-15.8	176	0.00
10 M	1,1-Dichloroethene	20.000	19.844	0.8	119	0.00
11	Methyl Iodide	20.000	15.521	22.4	90	0.00
12	Methyl Acetate	20.000	21.826	-9.1	112	0.00
13 M	Acrolein	100.000	102.660	-2.7	114	0.00
14 M	Acrylonitrile	100.000	103.617	-3.6	109	0.00
15 M	Acetone	100.000	116.219	-16.2	117	-0.01
16 M	Carbon Disulfide	20.000	19.451	2.7	127	0.00
17	Allyl chloride	20.000	20.221	-1.1	114	0.00
18 M	Methylene Chloride	20.000	18.415	7.9	100	0.00
19 M	trans-1,2-Dichloroethene	20.000	19.306	3.5	106	0.00
20 T	Diisopropyl ether	20.000	19.875	0.6	106	0.00
21 M	1,1-Dichloroethane	20.000	20.438	-2.2	113	0.00
22 M	cis-1,2-Dichloroethene	20.000	19.217	3.9	106	0.00
23 M	tert-Butyl Alcohol	100.000	107.141	-7.1	110	-0.04
24 M	Methyl tert-Butyl Ether	20.000	20.597	-3.0	111	0.00
25 M	Chloroform	20.000	21.530	-7.7	120	0.00
26	Cyclohexane	20.000	20.609	-3.0	154	0.00
27 s	1,2-Dichloroethane-d4	30.000	34.814	-16.0	120	0.00
28 I	1,4-Difluorobenzene	30.000	30.000	0.0	104	0.00
29	1,1-Dichloropropene	20.000	21.297	-6.5	129	0.00
30 M	2-Butanone	100.000	114.093	-14.1	116	-0.02
31	2,2-Dichloropropane	20.000	21.521	-7.6	126	0.00
32 M	1,1,1-Trichloroethane	20.000	22.371	-11.9	132	0.00
33 M	Carbon Tetrachloride	20.000	22.968	-14.8	143	0.00
34 M	Benzene	20.000	20.152	-0.8	108	0.00
35	Methacrylonitrile	20.000	21.835	-9.2	114	0.00
36 M	1,2-Dichloroethane	20.000	23.305	-16.5	122	0.00
37 M	Trichloroethene	20.000	19.674	1.6	109	0.00
38	Methylcyclohexane	20.000	20.624	-3.1	163	0.00
39 M	1,2-Dichloropropane	20.000	20.068	-0.3	108	0.00
40	Dibromomethane	20.000	21.223	-6.1	112	0.00
41 M	Bromodichloromethane	20.000	22.072	-10.4	120	0.00
42 M	Vinyl Acetate	100.000	103.300	-3.3	111	0.00
43	Ethyl Acetate	20.000	21.074	-5.4	113	0.00
44	Isopropyl Acetate	20.000	20.272	-1.4	109	0.00
45 T	1,4-Dioxane	400.000	433.427	-8.4	103	-0.04
46	Methyl methacrylate	20.000	21.354	-6.8	116	0.00
47	n-amyl Acetate	20.000	20.272	-1.4	110	0.00
48 M	t-1,3-Dichloropropene	20.000	20.728	-3.6	118	0.00

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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)
49 T	cis-1,3-Dichloropropene	20.000	20.462	-2.3	111	0.00
50 M	1,1,2-Trichloroethane	20.000	21.010	-5.1	110	0.00
51	Ethyl methacrylate	20.000	20.459	-2.3	112	0.00
52	1,3-Dichloropropane	20.000	20.854	-4.3	108	0.00
53 M	Dibromochloromethane	20.000	20.956	-4.8	117	0.00
54 M	1,2-Dibromoethane	20.000	20.697	-3.5	109	0.00
55 M	2-Chloroethyl vinyl ether	100.000	105.234	-5.2	104	0.00
56 M	Bromoform	20.000	20.639	-3.2	124	0.00
57 I	Chlorobenzene-d5	30.000	30.000	0.0	106	0.00
58 M	4-Methyl-2-Pentanone	100.000	108.422	-8.4	114	0.00
59 M	2-Hexanone	100.000	111.332	-11.3	115	0.00
60 S	4-Bromofluorobenzene	30.000	33.133	-10.4	118	0.00
61 M	Tetrachloroethene	20.000	19.795	1.0	114	0.00
62 M	Toluene	20.000	20.086	-0.4	110	0.00
63 S	Toluene-d8	30.000	30.462	-1.5	108	0.00
64 M	Chlorobenzene	20.000	19.725	1.4	108	0.00
65	1,1,1,2-Tetrachloroethane	20.000	20.573	-2.9	116	0.00
66 M	Ethyl Benzene	20.000	20.566	-2.8	117	0.00
67 M	m/p-Xylenes	40.000	40.364	-0.9	113	0.00
68 M	o-Xylene	20.000	19.899	0.5	109	0.00
69 M	Styrene	20.000	20.355	-1.8	112	0.00
70	Isopropylbenzene	20.000	20.761	-3.8	119	0.00
71 M	1,1,2,2-Tetrachloroethane	20.000	20.852	-4.3	110	0.00
72	1,2,3-Trichloropropane	20.000	21.018	-5.1	117	0.00
73	Bromobenzene	20.000	19.738	1.3	109	0.00
74	n-propylbenzene	20.000	20.621	-3.1	119	0.00
75	2-Chlorotoluene	20.000	21.552	-7.8	122	0.00
76	1,3,5-Trimethylbenzene	20.000	21.306	-6.5	121	0.00
77	t-1,4-Dichloro-2-butene	20.000	18.358	8.2	116	0.00
78	4-Chlorotoluene	20.000	21.569	-7.8	121	0.00
79	tert-butylbenzene	20.000	20.358	-1.8	119	0.00
80	1,2,4-Trimethylbenzene	20.000	21.271	-6.4	120	0.00
81	sec-Butylbenzene	20.000	20.004	-0.0	122	0.00
82	p-Isopropyltoluene	20.000	20.097	-0.5	121	0.00
83 M	1,3-Dichlorobenzene	20.000	19.933	0.3	111	0.00
84 M	1,4-Dichlorobenzene	20.000	20.189	-0.9	112	0.00
85	n-Butylbenzene	20.000	20.030	-0.2	129	0.00
86 T	Hexachloroethane	20.000	19.145	4.3	129	0.00
87 M	1,2-Dichlorobenzene	20.000	20.275	-1.4	108	0.00
88	1,2-Dibromo-3-Chloropropane	20.000	22.830	-14.1	130	0.00
89	1,2,4-Trichlorobenzene	20.000	18.269	8.7	105	0.00
90	Hexachlorobutadiene	20.000	18.981	5.1	132	0.00
91 M	Naphthalene	20.000	18.972	5.1	104	0.00
92	1,2,3-Trichlorobenzene	20.000	18.086	9.6	103	0.00

(#) = Out of Range

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