

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\WX060123\
 Data File : VX035947.D
 Acq On : 01 Jun 2023 09:56
 Operator : JC/MD
 Sample : VSTDCCC020
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_X
 LabSampleId :
 VSTDCCC020

Quant Time: Jun 02 01:35:26 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	100	0.00
2 M	Dichlorodifluoromethane	20.000	27.619	-38.1#	215	0.00
3 M	Chloromethane	20.000	20.262	-1.3	114	0.00
4 M	Vinyl Chloride	20.000	20.821	-4.1	126	0.00
5 M	Bromomethane	20.000	20.575	-2.9	112	0.00
6 M	Chloroethane	20.000	21.347	-6.7	122	0.00
7 M	Trichlorofluoromethane	20.000	22.137	-10.7	155	0.00
8 T	Diethyl Ether	20.000	19.796	1.0	105	0.00
9	1,1,2-Trichlorotrifluoroeth	20.000	25.435	-27.2#	192	0.00
10 M	1,1-Dichloroethene	20.000	21.337	-6.7	127	0.00
11	Methyl Iodide	20.000	19.382	3.1	111	0.00
12	Methyl Acetate	20.000	20.745	-3.7	106	0.00
13 M	Acrolein	100.000	117.068	-17.1	129	0.00
14 M	Acrylonitrile	100.000	103.030	-3.0	107	0.00
15 M	Acetone	100.000	113.160	-13.2	113	0.00
16 M	Carbon Disulfide	20.000	22.576	-12.9	147	0.00
17	Allyl chloride	20.000	21.467	-7.3	120	0.00
18 M	Methylene Chloride	20.000	19.708	1.5	106	0.00
19 M	trans-1,2-Dichloroethene	20.000	21.088	-5.4	115	0.00
20 T	Diisopropyl ether	20.000	20.596	-3.0	109	0.00
21 M	1,1-Dichloroethane	20.000	21.278	-6.4	116	0.00
22 M	cis-1,2-Dichloroethene	20.000	20.224	-1.1	111	0.00
23 M	tert-Butyl Alcohol	100.000	117.139	-17.1	119	0.00
24 M	Methyl tert-Butyl Ether	20.000	21.480	-7.4	114	0.00
25 M	Chloroform	20.000	21.507	-7.5	119	0.00
26	Cyclohexane	20.000	23.105	-15.5	171	0.00
27 s	1,2-Dichloroethane-d4	30.000	31.499	-5.0	107	0.00
28 I	1,4-Difluorobenzene	30.000	30.000	0.0	111	0.00
29	1,1-Dichloropropene	20.000	21.406	-7.0	138	0.00
30 M	2-Butanone	100.000	103.335	-3.3	112	0.00
31	2,2-Dichloropropane	20.000	22.527	-12.6	141	0.00
32 M	1,1,1-Trichloroethane	20.000	22.007	-10.0	139	0.00
33 M	Carbon Tetrachloride	20.000	23.371	-16.9	155	0.00
34 M	Benzene	20.000	19.813	0.9	113	0.00
35	Methacrylonitrile	20.000	19.933	0.3	111	0.00
36 M	1,2-Dichloroethane	20.000	20.362	-1.8	114	0.00
37 M	Trichloroethene	20.000	20.199	-1.0	119	0.00
38	Methylcyclohexane	20.000	22.106	-10.5	186	0.00
39 M	1,2-Dichloropropane	20.000	19.251	3.7	110	0.00
40	Dibromomethane	20.000	19.544	2.3	110	0.00
41 M	Bromodichloromethane	20.000	21.338	-6.7	124	0.00
42 M	Vinyl Acetate	100.000	97.309	2.7	112	0.00
43	Ethyl Acetate	20.000	18.029	9.9	103	0.00
44	Isopropyl Acetate	20.000	18.466	7.7	106	0.00
45 T	1,4-Dioxane	400.000	446.343	-11.6	113	0.00
46	Methyl methacrylate	20.000	19.021	4.9	110	0.00
47	n-amyl Acetate	20.000	18.115	9.4	105	0.00
48 M	t-1,3-Dichloropropene	20.000	19.744	1.3	120	0.00

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 Max. RRF Dev : 25% Max. Rel. Area : 150%

	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
49 T	cis-1,3-Dichloropropene	20.000	20.192	-1.0	117	0.00
50 M	1,1,2-Trichloroethane	20.000	20.224	-1.1	113	0.00
51	Ethyl methacrylate	20.000	19.233	3.8	112	0.00
52	1,3-Dichloropropane	20.000	19.943	0.3	110	0.00
53 M	Dibromochloromethane	20.000	21.006	-5.0	126	0.00
54 M	1,2-Dibromoethane	20.000	19.920	0.4	112	0.00
55 M	2-Chloroethyl vinyl ether	100.000	99.748	0.3	106	0.00
56 M	Bromoform	20.000	21.111	-5.6	135	0.00
57 I	Chlorobenzene-d5	30.000	30.000	0.0	110	0.00
58 M	4-Methyl-2-Pentanone	100.000	96.161	3.8	105	0.00
59 M	2-Hexanone	100.000	98.777	1.2	106	0.00
60 S	4-Bromofluorobenzene	30.000	31.260	-4.2	116	0.00
61 M	Tetrachloroethene	20.000	21.982	-9.9	131	0.00
62 M	Toluene	20.000	20.470	-2.3	117	0.00
63 S	Toluene-d8	30.000	30.007	-0.0	111	0.00
64 M	Chlorobenzene	20.000	20.167	-0.8	114	0.00
65	1,1,1,2-Tetrachloroethane	20.000	20.247	-1.2	118	0.00
66 M	Ethyl Benzene	20.000	20.755	-3.8	123	0.00
67 M	m/p-Xylenes	40.000	42.108	-5.3	122	0.00
68 M	o-Xylene	20.000	20.728	-3.6	117	0.00
69 M	Styrene	20.000	20.595	-3.0	118	0.00
70	Isopropylbenzene	20.000	21.467	-7.3	128	0.00
71 M	1,1,2,2-Tetrachloroethane	20.000	19.586	2.1	108	0.00
72	1,2,3-Trichloropropane	20.000	19.096	4.5	111	0.00
73	Bromobenzene	20.000	20.507	-2.5	117	0.00
74	n-propylbenzene	20.000	20.856	-4.3	125	0.00
75	2-Chlorotoluene	20.000	21.223	-6.1	124	0.00
76	1,3,5-Trimethylbenzene	20.000	21.441	-7.2	127	0.00
77	t-1,4-Dichloro-2-butene	20.000	18.520	7.4	122	0.00
78	4-Chlorotoluene	20.000	21.047	-5.2	123	0.00
79	tert-butylbenzene	20.000	21.239	-6.2	129	0.00
80	1,2,4-Trimethylbenzene	20.000	20.966	-4.8	123	0.00
81	sec-Butylbenzene	20.000	20.980	-4.9	133	0.00
82	p-Isopropyltoluene	20.000	21.138	-5.7	132	0.00
83 M	1,3-Dichlorobenzene	20.000	20.757	-3.8	120	0.00
84 M	1,4-Dichlorobenzene	20.000	20.819	-4.1	120	0.00
85	n-Butylbenzene	20.000	20.490	-2.4	137	0.00
86 T	Hexachloroethane	20.000	20.079	-0.4	141	0.00
87 M	1,2-Dichlorobenzene	20.000	20.743	-3.7	115	0.00
88	1,2-Dibromo-3-Chloropropane	20.000	22.634	-13.2	134	0.00
89	1,2,4-Trichlorobenzene	20.000	21.482	-7.4	129	0.00
90	Hexachlorobutadiene	20.000	23.904	-19.5	172	0.00
91 M	Naphthalene	20.000	21.321	-6.6	121	0.00
92	1,2,3-Trichlorobenzene	20.000	21.054	-5.3	125	0.00

(#) = Out of Range

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