

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\WX072823\
 Data File : VX036693.D
 Acq On : 28 Jul 2023 09:20
 Operator : JC/MD
 Sample : VSTDCCC020
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_X
 LabSampleId :
 VSTDCCC020

Quant Time: Jul 28 16:15:13 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\624X071423W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Fri Jul 14 04:32:22 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	108	0.00
2 M	Dichlorodifluoromethane	20.000	25.765	-28.8#	134	0.00
3 M	Chloromethane	20.000	17.644	11.8	99	0.00
4 M	Vinyl Chloride	20.000	18.155	9.2	97	0.00
5 M	Bromomethane	20.000	11.033	44.8#	60	-0.01
6 M	Chloroethane	20.000	15.565	22.2	86	0.00
7 M	Trichlorofluoromethane	20.000	18.186	9.1	97	0.00
8 T	Diethyl Ether	20.000	15.524	22.4	95	0.00
9	1,1,2-Trichlorotrifluoroeth	20.000	23.190	-16.0	130	0.00
10 M	1,1-Dichloroethene	20.000	21.169	-5.8	120	0.00
11	Methyl Iodide	20.000	20.773	-3.9	135	0.00
12	Methyl Acetate	20.000	20.524	-2.6	121	0.00
13 M	Acrolein	100.000	116.612	-16.6	151	0.00
14 M	Acrylonitrile	100.000	102.438	-2.4	121	0.00
15 M	Acetone	100.000	138.181	-38.2#	162	0.00
16 M	Carbon Disulfide	20.000	24.029	-20.1	141	0.00
17	Allyl chloride	20.000	21.988	-9.9	131	0.00
18 M	Methylene Chloride	20.000	20.422	-2.1	124	0.00
19 M	trans-1,2-Dichloroethene	20.000	21.903	-9.5	127	0.00
20 T	Diisopropyl ether	20.000	21.229	-6.1	125	0.00
21 M	1,1-Dichloroethane	20.000	20.927	-4.6	123	0.00
22 M	cis-1,2-Dichloroethene	20.000	21.664	-8.3	126	0.00
23 M	tert-Butyl Alcohol	100.000	118.705	-18.7	145	0.00
24 M	Methyl tert-Butyl Ether	20.000	22.302	-11.5	133	0.00
25 M	Chloroform	20.000	21.309	-6.5	124	-0.01
26	Cyclohexane	20.000	23.449	-17.2	127	0.00
27 s	1,2-Dichloroethane-d4	30.000	29.573	1.4	110	0.00
28 I	1,4-Difluorobenzene	30.000	30.000	0.0	114	0.00
29	1,1-Dichloropropene	20.000	21.844	-9.2	127	0.00
30 M	2-Butanone	100.000	110.951	-11.0	135	0.00
31	2,2-Dichloropropane	20.000	24.741	-23.7	152	0.00
32 M	1,1,1-Trichloroethane	20.000	22.918	-14.6	134	0.00
33 M	Carbon Tetrachloride	20.000	22.959	-14.8	137	0.00
34 M	Benzene	20.000	20.533	-2.7	124	0.00
35	Methacrylonitrile	20.000	19.515	2.4	121	0.00
36 M	1,2-Dichloroethane	20.000	19.671	1.6	121	0.00
37 M	Trichloroethene	20.000	21.032	-5.2	127	0.00
38	Methylcyclohexane	20.000	23.575	-17.9	135	0.00
39 M	1,2-Dichloropropane	20.000	19.572	2.1	121	0.00
40	Dibromomethane	20.000	19.739	1.3	124	0.00
41 M	Bromodichloromethane	20.000	21.920	-9.6	138	0.00
42 M	Vinyl Acetate	100.000	103.340	-3.3	129	0.00
43	Ethyl Acetate	20.000	19.866	0.7	125	0.00
44	Isopropyl Acetate	20.000	20.635	-3.2	127	0.00
45 T	1,4-Dioxane	400.000	410.299	-2.6	128	-0.02
46	Methyl methacrylate	20.000	20.178	-0.9	129	0.00
47	n-amyl Acetate	20.000	20.641	-3.2	130	0.00
48 M	t-1,3-Dichloropropene	20.000	22.244	-11.2	144	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
49 T	cis-1,3-Dichloropropene	20.000	21.790	-8.9	136	0.00
50 M	1,1,2-Trichloroethane	20.000	20.230	-1.2	123	0.00
51	Ethyl methacrylate	20.000	21.274	-6.4	132	0.00
52	1,3-Dichloropropane	20.000	20.430	-2.1	123	0.00
53 M	Dibromochloromethane	20.000	22.116	-10.6	140	0.00
54 M	1,2-Dibromoethane	20.000	20.606	-3.0	127	0.00
55 M	2-Chloroethyl vinyl ether	100.000	91.460	8.5	111	0.00
56 M	Bromoform	20.000	23.113	-15.6	151	0.00
57 I	Chlorobenzene-d5	30.000	30.000	0.0	115	0.00
58 M	4-Methyl-2-Pentanone	100.000	97.622	2.4	118	0.00
59 M	2-Hexanone	100.000	102.893	-2.9	125	0.00
60 S	4-Bromofluorobenzene	30.000	30.956	-3.2	118	0.00
61 M	Tetrachloroethene	20.000	20.960	-4.8	122	0.00
62 M	Toluene	20.000	20.775	-3.9	124	0.00
63 S	Toluene-d8	30.000	29.427	1.9	111	0.00
64 M	Chlorobenzene	20.000	20.467	-2.3	124	0.00
65	1,1,1,2-Tetrachloroethane	20.000	22.384	-11.9	138	0.00
66 M	Ethyl Benzene	20.000	21.498	-7.5	128	0.00
67 M	m/p-Xylenes	40.000	42.307	-5.8	126	0.00
68 M	o-Xylene	20.000	20.831	-4.2	124	0.00
69 M	Styrene	20.000	21.442	-7.2	129	0.00
70	Isopropylbenzene	20.000	21.783	-8.9	128	0.00
71 M	1,1,2,2-Tetrachloroethane	20.000	20.048	-0.2	124	0.00
72	1,2,3-Trichloropropane	20.000	18.479	7.6	113	0.00
73	Bromobenzene	20.000	20.213	-1.1	124	0.00
74	n-propylbenzene	20.000	22.129	-10.6	132	0.00
75	2-Chlorotoluene	20.000	21.483	-7.4	126	0.00
76	1,3,5-Trimethylbenzene	20.000	21.640	-8.2	127	0.00
77	t-1,4-Dichloro-2-butene	20.000	23.680	-18.4	160	0.00
78	4-Chlorotoluene	20.000	21.771	-8.9	132	0.00
79	tert-butylbenzene	20.000	22.297	-11.5	133	0.00
80	1,2,4-Trimethylbenzene	20.000	21.744	-8.7	130	0.00
81	sec-Butylbenzene	20.000	22.434	-12.2	130	0.00
82	p-Isopropyltoluene	20.000	22.654	-13.3	132	0.00
83 M	1,3-Dichlorobenzene	20.000	21.143	-5.7	127	0.00
84 M	1,4-Dichlorobenzene	20.000	20.837	-4.2	128	0.00
85	n-Butylbenzene	20.000	22.197	-11.0	134	0.00
86 T	Hexachloroethane	20.000	26.431	-32.2#	172	0.00
87 M	1,2-Dichlorobenzene	20.000	20.477	-2.4	126	0.00
88	1,2-Dibromo-3-Chloropropane	20.000	21.482	-7.4	135	0.00
89	1,2,4-Trichlorobenzene	20.000	20.083	-0.4	125	0.00
90	Hexachlorobutadiene	20.000	22.998	-15.0	130	0.00
91 M	Naphthalene	20.000	19.663	1.7	122	0.00
92	1,2,3-Trichlorobenzene	20.000	19.902	0.5	122	0.00

(#) = Out of Range

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