

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX060723\
 Data File : VX036067.D
 Acq On : 07 Jun 2023 17:46
 Operator : JC/MD
 Sample : VSTDCCC020
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_X
 LabSampleId :
 VSTDCCC020

Quant Time: Jun 08 07:23:35 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	99	0.00
2 M	Dichlorodifluoromethane	20.000	25.407	-27.0#	196	0.00
3 M	Chloromethane	20.000	19.489	2.6	109	0.00
4 M	Vinyl Chloride	20.000	20.284	-1.4	122	0.00
5 M	Bromomethane	20.000	15.743	21.3	85	0.00
6 M	Chloroethane	20.000	21.965	-9.8	125	0.00
7 M	Trichlorofluoromethane	20.000	21.623	-8.1	150	0.00
8 T	Diethyl Ether	20.000	19.461	2.7	102	0.00
9	1,1,2-Trichlorotrifluoroeth	20.000	24.085	-20.4	180	0.00
10 M	1,1-Dichloroethene	20.000	21.078	-5.4	124	0.00
11	Methyl Iodide	20.000	12.252	38.7#	70	0.00
12	Methyl Acetate	20.000	22.374	-11.9	113	0.00
13 M	Acrolein	100.000	90.627	9.4	99	0.00
14 M	Acrylonitrile	100.000	107.187	-7.2	110	0.00
15 M	Acetone	100.000	100.274	-0.3	99	0.00
16 M	Carbon Disulfide	20.000	19.439	2.8	125	0.00
17	Allyl chloride	20.000	20.797	-4.0	116	0.00
18 M	Methylene Chloride	20.000	19.662	1.7	105	0.00
19 M	trans-1,2-Dichloroethene	20.000	20.628	-3.1	112	0.00
20 T	Diisopropyl ether	20.000	20.875	-4.4	109	0.00
21 M	1,1-Dichloroethane	20.000	21.349	-6.7	116	0.00
22 M	cis-1,2-Dichloroethene	20.000	20.436	-2.2	111	0.00
23 M	tert-Butyl Alcohol	100.000	113.488	-13.5	114	0.00
24 M	Methyl tert-Butyl Ether	20.000	21.804	-9.0	115	0.00
25 M	Chloroform	20.000	22.304	-11.5	122	0.00
26	Cyclohexane	20.000	22.089	-10.4	162	0.00
27 s	1,2-Dichloroethane-d4	30.000	33.682	-12.3	114	0.00
28 I	1,4-Difluorobenzene	30.000	30.000	0.0	106	0.00
29	1,1-Dichloropropene	20.000	21.961	-9.8	136	0.00
30 M	2-Butanone	100.000	104.601	-4.6	108	0.00
31	2,2-Dichloropropane	20.000	21.538	-7.7	129	0.00
32 M	1,1,1-Trichloroethane	20.000	23.165	-15.8	140	0.00
33 M	Carbon Tetrachloride	20.000	23.172	-15.9	147	0.00
34 M	Benzene	20.000	20.184	-0.9	110	0.00
35	Methacrylonitrile	20.000	21.431	-7.2	114	0.01
36 M	1,2-Dichloroethane	20.000	22.594	-13.0	121	0.00
37 M	Trichloroethene	20.000	20.197	-1.0	114	0.00
38	Methylcyclohexane	20.000	20.922	-4.6	168	0.00
39 M	1,2-Dichloropropane	20.000	20.732	-3.7	113	0.00
40	Dibromomethane	20.000	20.676	-3.4	112	0.00
41 M	Bromodichloromethane	20.000	21.584	-7.9	120	0.00
42 M	Vinyl Acetate	100.000	100.200	-0.2	110	0.00
43	Ethyl Acetate	20.000	20.540	-2.7	113	0.00
44	Isopropyl Acetate	20.000	20.288	-1.4	111	0.00
45 T	1,4-Dioxane	400.000	431.372	-7.8	104	0.00
46	Methyl methacrylate	20.000	20.493	-2.5	114	0.00
47	n-amyl Acetate	20.000	19.799	1.0	110	0.00
48 M	t-1,3-Dichloropropene	20.000	19.586	2.1	114	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
49 T	cis-1,3-Dichloropropene	20.000	19.526	2.4	108	0.00
50 M	1,1,2-Trichloroethane	20.000	20.954	-4.8	112	0.00
51	Ethyl methacrylate	20.000	20.347	-1.7	113	0.00
52	1,3-Dichloropropane	20.000	21.170	-5.9	112	0.00
53 M	Dibromochloromethane	20.000	21.500	-7.5	123	0.00
54 M	1,2-Dibromoethane	20.000	20.588	-2.9	110	0.00
55 M	2-Chloroethyl vinyl ether	100.000	108.889	-8.9	110	0.00
56 M	Bromoform	20.000	20.575	-2.9	126	0.00
57 I	Chlorobenzene-d5	30.000	30.000	0.0	109	0.00
58 M	4-Methyl-2-Pentanone	100.000	105.376	-5.4	114	0.00
59 M	2-Hexanone	100.000	104.765	-4.8	111	0.00
60 S	4-Bromofluorobenzene	30.000	31.553	-5.2	115	0.00
61 M	Tetrachloroethene	20.000	20.364	-1.8	120	0.00
62 M	Toluene	20.000	20.311	-1.6	114	0.00
63 S	Toluene-d8	30.000	30.371	-1.2	111	0.00
64 M	Chlorobenzene	20.000	20.206	-1.0	113	0.00
65	1,1,1,2-Tetrachloroethane	20.000	20.445	-2.2	118	0.00
66 M	Ethyl Benzene	20.000	20.676	-3.4	121	0.00
67 M	m/p-Xylenes	40.000	41.077	-2.7	118	0.00
68 M	o-Xylene	20.000	20.427	-2.1	114	0.00
69 M	Styrene	20.000	20.842	-4.2	118	0.00
70	Isopropylbenzene	20.000	21.255	-6.3	125	0.00
71 M	1,1,2,2-Tetrachloroethane	20.000	21.018	-5.1	114	0.00
72	1,2,3-Trichloropropane	20.000	20.584	-2.9	118	0.00
73	Bromobenzene	20.000	20.059	-0.3	113	0.00
74	n-propylbenzene	20.000	20.621	-3.1	122	0.00
75	2-Chlorotoluene	20.000	20.970	-4.8	121	0.00
76	1,3,5-Trimethylbenzene	20.000	21.155	-5.8	124	0.00
77	t-1,4-Dichloro-2-butene	20.000	16.613	16.9	108	0.00
78	4-Chlorotoluene	20.000	21.216	-6.1	122	0.00
79	tert-butylbenzene	20.000	20.963	-4.8	126	0.00
80	1,2,4-Trimethylbenzene	20.000	21.090	-5.4	122	0.00
81	sec-Butylbenzene	20.000	20.750	-3.8	130	0.00
82	p-Isopropyltoluene	20.000	20.774	-3.9	128	0.00
83 M	1,3-Dichlorobenzene	20.000	20.358	-1.8	116	0.00
84 M	1,4-Dichlorobenzene	20.000	20.518	-2.6	117	0.00
85	n-Butylbenzene	20.000	19.879	0.6	131	0.00
86 T	Hexachloroethane	20.000	19.361	3.2	134	0.00
87 M	1,2-Dichlorobenzene	20.000	20.797	-4.0	114	0.00
88	1,2-Dibromo-3-Chloropropane	20.000	21.640	-8.2	127	0.00
89	1,2,4-Trichlorobenzene	20.000	18.917	5.4	112	0.00
90	Hexachlorobutadiene	20.000	21.792	-9.0	155	0.00
91 M	Naphthalene	20.000	20.242	-1.2	114	0.00
92	1,2,3-Trichlorobenzene	20.000	19.275	3.6	113	0.00

(#) = Out of Range

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