

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX061523\
 Data File : VX036163.D
 Acq On : 15 Jun 2023 10:59
 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 16 07:51:34 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	94	0.00
2 M	Dichlorodifluoromethane	20.000	24.707	-23.5	180	0.00
3 M	Chloromethane	20.000	19.070	4.6	101	0.00
4 M	Vinyl Chloride	20.000	19.487	2.6	111	0.00
5 M	Bromomethane	20.000	17.442	12.8	89	0.00
6 M	Chloroethane	20.000	20.235	-1.2	109	0.00
7 M	Trichlorofluoromethane	20.000	21.401	-7.0	141	0.00
8 T	Diethyl Ether	20.000	20.626	-3.1	102	0.00
9	1,1,2-Trichlorotrifluoroeth	20.000	23.540	-17.7	166	0.00
10 M	1,1-Dichloroethene	20.000	19.995	0.0	112	0.00
11	Methyl Iodide	20.000	18.129	9.4	98	0.00
12	Methyl Acetate	20.000	23.249	-16.2	111	0.00
13 M	Acrolein	100.000	91.237	8.8	94	0.00
14 M	Acrylonitrile	100.000	110.390	-10.4	108	0.00
15 M	Acetone	100.000	97.187	2.8	91	-0.01
16 M	Carbon Disulfide	20.000	19.481	2.6	118	0.00
17	Allyl chloride	20.000	21.208	-6.0	111	0.00
18 M	Methylene Chloride	20.000	20.489	-2.4	103	0.00
19 M	trans-1,2-Dichloroethene	20.000	20.523	-2.6	105	0.00
20 T	Diisopropyl ether	20.000	21.255	-6.3	105	0.00
21 M	1,1-Dichloroethane	20.000	21.489	-7.4	110	0.00
22 M	cis-1,2-Dichloroethene	20.000	20.525	-2.6	105	0.00
23 M	tert-Butyl Alcohol	100.000	111.401	-11.4	106	-0.02
24 M	Methyl tert-Butyl Ether	20.000	22.733	-13.7	113	0.00
25 M	Chloroform	20.000	22.337	-11.7	116	0.00
26	Cyclohexane	20.000	21.009	-5.0	146	0.00
27 s	1,2-Dichloroethane-d4	30.000	39.294	-31.0#	126	0.00
28 I	1,4-Difluorobenzene	30.000	30.000	0.0	109	0.00
29	1,1-Dichloropropene	20.000	19.337	3.3	123	0.00
30 M	2-Butanone	100.000	98.952	1.0	105	-0.01
31	2,2-Dichloropropane	20.000	20.358	-1.8	125	0.00
32 M	1,1,1-Trichloroethane	20.000	20.826	-4.1	129	0.00
33 M	Carbon Tetrachloride	20.000	21.415	-7.1	140	0.00
34 M	Benzene	20.000	18.153	9.2	102	0.00
35	Methacrylonitrile	20.000	20.514	-2.6	112	0.00
36 M	1,2-Dichloroethane	20.000	22.187	-10.9	122	0.00
37 M	Trichloroethene	20.000	18.084	9.6	105	0.00
38	Methylcyclohexane	20.000	19.749	1.3	163	0.00
39 M	1,2-Dichloropropane	20.000	18.704	6.5	105	0.00
40	Dibromomethane	20.000	19.823	0.9	110	0.00
41 M	Bromodichloromethane	20.000	21.286	-6.4	122	0.00
42 M	Vinyl Acetate	100.000	96.842	3.2	110	0.00
43	Ethyl Acetate	20.000	20.033	-0.2	113	0.00
44	Isopropyl Acetate	20.000	19.419	2.9	109	0.00
45 T	1,4-Dioxane	400.000	358.336	10.4	89	-0.03
46	Methyl methacrylate	20.000	19.940	0.3	114	0.00
47	n-amyl Acetate	20.000	19.276	3.6	110	0.00
48 M	t-1,3-Dichloropropene	20.000	19.774	1.1	118	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
49 T	cis-1,3-Dichloropropene	20.000	19.741	1.3	113	0.00
50 M	1,1,2-Trichloroethane	20.000	19.323	3.4	106	0.00
51	Ethyl methacrylate	20.000	19.446	2.8	111	0.00
52	1,3-Dichloropropane	20.000	19.479	2.6	106	0.00
53 M	Dibromochloromethane	20.000	20.214	-1.1	119	0.00
54 M	1,2-Dibromoethane	20.000	19.094	4.5	105	0.00
55 M	2-Chloroethyl vinyl ether	100.000	103.329	-3.3	108	0.00
56 M	Bromoform	20.000	19.925	0.4	126	0.00
57 I	Chlorobenzene-d5	30.000	30.000	0.0	116	0.00
58 M	4-Methyl-2-Pentanone	100.000	95.458	4.5	110	0.00
59 M	2-Hexanone	100.000	96.101	3.9	109	0.00
60 S	4-Bromofluorobenzene	30.000	32.043	-6.8	125	0.00
61 M	Tetrachloroethene	20.000	17.485	12.6	110	0.00
62 M	Toluene	20.000	17.244	13.8	104	0.00
63 S	Toluene-d8	30.000	28.132	6.2	109	0.00
64 M	Chlorobenzene	20.000	17.318	13.4	104	0.00
65	1,1,1,2-Tetrachloroethane	20.000	18.245	8.8	113	0.00
66 M	Ethyl Benzene	20.000	17.730	11.3	110	0.00
67 M	m/p-Xylenes	40.000	35.251	11.9	108	0.00
68 M	o-Xylene	20.000	17.429	12.9	104	0.00
69 M	Styrene	20.000	17.701	11.5	107	0.00
70	Isopropylbenzene	20.000	18.253	8.7	115	0.00
71 M	1,1,2,2-Tetrachloroethane	20.000	18.888	5.6	109	0.00
72	1,2,3-Trichloropropane	20.000	19.040	4.8	116	0.00
73	Bromobenzene	20.000	17.347	13.3	104	0.00
74	n-propylbenzene	20.000	18.398	8.0	116	0.00
75	2-Chlorotoluene	20.000	18.992	5.0	117	0.00
76	1,3,5-Trimethylbenzene	20.000	18.810	6.0	117	0.00
77	t-1,4-Dichloro-2-butene	20.000	17.865	10.7	124	0.00
78	4-Chlorotoluene	20.000	19.218	3.9	118	0.00
79	tert-butylbenzene	20.000	18.653	6.7	119	0.00
80	1,2,4-Trimethylbenzene	20.000	18.710	6.4	115	0.00
81	sec-Butylbenzene	20.000	18.668	6.7	125	0.00
82	p-Isopropyltoluene	20.000	18.532	7.3	122	0.00
83 M	1,3-Dichlorobenzene	20.000	18.065	9.7	110	0.00
84 M	1,4-Dichlorobenzene	20.000	17.887	10.6	109	0.00
85	n-Butylbenzene	20.000	18.897	5.5	133	0.00
86 T	Hexachloroethane	20.000	17.900	10.5	132	0.00
87 M	1,2-Dichlorobenzene	20.000	18.298	8.5	107	0.00
88	1,2-Dibromo-3-Chloropropane	20.000	21.472	-7.4	134	0.00
89	1,2,4-Trichlorobenzene	20.000	18.387	8.1	116	0.00
90	Hexachlorobutadiene	20.000	19.733	1.3	150	0.00
91 M	Naphthalene	20.000	18.208	9.0	109	0.00
92	1,2,3-Trichlorobenzene	20.000	18.279	8.6	114	0.00

(#) = Out of Range

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