

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX121622\
 Data File : VX033458.D
 Acq On : 16 Dec 2022 13:59
 Operator : JC/MD
 Sample : VSTDCCC020
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_X
 LabSampleId :
 VSTDCCC020

Quant Time: Dec 17 07:46:45 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\624X121222W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Mon Dec 12 12:37:35 2022
 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	103	0.00
2 M	Dichlorodifluoromethane	20.000	19.069	4.7	94	0.00
3 M	Chloromethane	20.000	20.429	-2.1	104	0.00
4 M	Vinyl Chloride	20.000	19.248	3.8	99	0.00
5 M	Bromomethane	20.000	21.113	-5.6	109	0.00
6 M	Chloroethane	20.000	13.160	34.2#	64	0.00
7 M	Trichlorofluoromethane	20.000	13.276	33.6#	66	0.00
8 T	Diethyl Ether	20.000	15.756	21.2	73	0.00
9	1,1,2-Trichlorotrifluoroeth	20.000	14.652	26.7#	70	0.00
10 M	1,1-Dichloroethene	20.000	15.616	21.9	75	0.00
11	Methyl Iodide	20.000	21.608	-8.0	107	0.00
12	Methyl Acetate	20.000	22.741	-13.7	115	0.00
13 M	Acrolein	100.000	114.412	-14.4	108	0.00
14 M	Acrylonitrile	100.000	108.419	-8.4	112	0.00
15 M	Acetone	100.000	61.031	39.0#	54	-0.01
16 M	Carbon Disulfide	20.000	17.545	12.3	87	0.00
17	Allyl chloride	20.000	19.029	4.9	97	0.00
18 M	Methylene Chloride	20.000	20.282	-1.4	104	0.00
19 M	trans-1,2-Dichloroethene	20.000	19.278	3.6	100	0.00
20 T	Diisopropyl ether	20.000	20.817	-4.1	105	0.00
21 M	1,1-Dichloroethane	20.000	20.046	-0.2	103	0.00
22 M	cis-1,2-Dichloroethene	20.000	19.758	1.2	102	0.00
23 M	tert-Butyl Alcohol	100.000	81.493	18.5	83	-0.04
24 M	Methyl tert-Butyl Ether	20.000	20.331	-1.7	104	0.00
25 M	Chloroform	20.000	20.057	-0.3	101	0.00
26	Cyclohexane	20.000	18.933	5.3	97	0.00
27 s	1,2-Dichloroethane-d4	30.000	30.744	-2.5	103	0.00
28 I	1,4-Difluorobenzene	30.000	30.000	0.0	100	0.00
29	1,1-Dichloropropene	20.000	19.655	1.7	96	0.00
30 M	2-Butanone	100.000	102.808	-2.8	96	0.00
31	2,2-Dichloropropane	20.000	18.137	9.3	90	0.00
32 M	1,1,1-Trichloroethane	20.000	19.568	2.2	95	0.00
33 M	Carbon Tetrachloride	20.000	18.567	7.2	90	0.00
34 M	Benzene	20.000	20.780	-3.9	103	0.00
35	Methacrylonitrile	20.000	23.313	-16.6	117	0.00
36 M	1,2-Dichloroethane	20.000	21.791	-9.0	103	0.00
37 M	Trichloroethene	20.000	20.142	-0.7	99	0.00
38	Methylcyclohexane	20.000	18.923	5.4	95	0.00
39 M	1,2-Dichloropropane	20.000	20.741	-3.7	102	0.00
40	Dibromomethane	20.000	21.358	-6.8	106	0.00
41 M	Bromodichloromethane	20.000	19.905	0.5	96	0.00
42 M	Vinyl Acetate	100.000	107.404	-7.4	105	0.00
43	Ethyl Acetate	20.000	23.149	-15.7	114	0.00
44	Isopropyl Acetate	20.000	21.639	-8.2	106	0.00
45 T	1,4-Dioxane	400.000	351.894	12.0	81	-0.04
46	Methyl methacrylate	20.000	22.053	-10.3	108	0.00
47	n-amyl Acetate	20.000	22.186	-10.9	109	0.00
48 M	t-1,3-Dichloropropene	20.000	18.985	5.1	94	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
49 T	cis-1,3-Dichloropropene	20.000	19.489	2.6	97	0.00
50 M	1,1,2-Trichloroethane	20.000	22.257	-11.3	108	0.00
51	Ethyl methacrylate	20.000	21.364	-6.8	107	0.00
52	1,3-Dichloropropane	20.000	21.579	-7.9	104	0.00
53 M	Dibromochloromethane	20.000	19.357	3.2	95	0.00
54 M	1,2-Dibromoethane	20.000	21.557	-7.8	105	0.00
55 M	2-Chloroethyl vinyl ether	100.000	112.328	-12.3	118	0.00
56 M	Bromoform	20.000	18.683	6.6	92	0.00
57 I	Chlorobenzene-d5	30.000	30.000	0.0	104	0.00
58 M	4-Methyl-2-Pentanone	100.000	111.400	-11.4	111	0.00
59 M	2-Hexanone	100.000	107.974	-8.0	103	0.00
60 S	4-Bromofluorobenzene	30.000	29.712	1.0	102	0.00
61 M	Tetrachloroethene	20.000	19.425	2.9	98	0.00
62 M	Toluene	20.000	19.831	0.8	99	0.00
63 S	Toluene-d8	30.000	29.531	1.6	101	0.00
64 M	Chlorobenzene	20.000	20.142	-0.7	102	0.00
65	1,1,1,2-Tetrachloroethane	20.000	19.294	3.5	97	0.00
66 M	Ethyl Benzene	20.000	19.708	1.5	99	0.00
67 M	m/p-Xylenes	40.000	39.877	0.3	101	0.00
68 M	o-Xylene	20.000	20.094	-0.5	101	0.00
69 M	Styrene	20.000	19.768	1.2	99	0.00
70	Isopropylbenzene	20.000	19.494	2.5	97	0.00
71 M	1,1,2,2-Tetrachloroethane	20.000	21.505	-7.5	108	0.00
72	1,2,3-Trichloropropane	20.000	21.681	-8.4	105	0.00
73	Bromobenzene	20.000	20.200	-1.0	103	0.00
74	n-propylbenzene	20.000	19.361	3.2	98	0.00
75	2-Chlorotoluene	20.000	19.591	2.0	99	0.00
76	1,3,5-Trimethylbenzene	20.000	19.635	1.8	98	0.00
77	t-1,4-Dichloro-2-butene	20.000	17.956	10.2	92	0.00
78	4-Chlorotoluene	20.000	19.616	1.9	97	0.00
79	tert-butylbenzene	20.000	19.086	4.6	95	0.00
80	1,2,4-Trimethylbenzene	20.000	20.180	-0.9	100	0.00
81	sec-Butylbenzene	20.000	19.236	3.8	97	0.00
82	p-Isopropyltoluene	20.000	18.903	5.5	95	0.00
83 M	1,3-Dichlorobenzene	20.000	19.943	0.3	100	0.00
84 M	1,4-Dichlorobenzene	20.000	19.875	0.6	101	0.00
85	n-Butylbenzene	20.000	18.535	7.3	97	0.00
86 T	Hexachloroethane	20.000	16.366	18.2	85	0.00
87 M	1,2-Dichlorobenzene	20.000	20.337	-1.7	102	0.00
88	1,2-Dibromo-3-Chloropropane	20.000	19.507	2.5	97	0.00
89	1,2,4-Trichlorobenzene	20.000	19.514	2.4	103	0.00
90	Hexachlorobutadiene	20.000	19.245	3.8	98	0.00
91 M	Naphthalene	20.000	21.189	-5.9	109	0.00
92	1,2,3-Trichlorobenzene	20.000	19.840	0.8	103	0.00

(#) = Out of Range

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