

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX121222\
 Data File : VX033378.D
 Acq On : 12 Dec 2022 16:58
 Operator : JC/MD
 Sample : VSTDCCC020
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_X
 LabSampleId :
 VSTDCCC020

Quant Time: Dec 13 07:32:01 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	96	0.00
2 M	Dichlorodifluoromethane	20.000	21.414	-7.1	99	0.00
3 M	Chloromethane	20.000	20.538	-2.7	98	0.00
4 M	Vinyl Chloride	20.000	20.412	-2.1	98	0.00
5 M	Bromomethane	20.000	17.373	13.1	84	0.00
6 M	Chloroethane	20.000	21.788	-8.9	99	0.00
7 M	Trichlorofluoromethane	20.000	16.684	16.6	78	0.00
8 T	Diethyl Ether	20.000	15.775	21.1	68	0.00
9	1,1,2-Trichlorotrifluoroeth	20.000	21.561	-7.8	96	0.00
10 M	1,1-Dichloroethene	20.000	21.201	-6.0	95	0.00
11	Methyl Iodide	20.000	16.713	16.4	77	0.00
12	Methyl Acetate	20.000	20.624	-3.1	98	0.00
13 M	Acrolein	100.000	76.744	23.3	68	0.00
14 M	Acrylonitrile	100.000	101.010	-1.0	98	0.00
15 M	Acetone	100.000	83.838	16.2	70	-0.01
16 M	Carbon Disulfide	20.000	19.654	1.7	92	0.00
17	Allyl chloride	20.000	19.476	2.6	93	0.00
18 M	Methylene Chloride	20.000	20.637	-3.2	99	0.00
19 M	trans-1,2-Dichloroethene	20.000	20.220	-1.1	98	0.00
20 T	Diisopropyl ether	20.000	20.399	-2.0	97	0.00
21 M	1,1-Dichloroethane	20.000	20.418	-2.1	98	0.00
22 M	cis-1,2-Dichloroethene	20.000	20.848	-4.2	101	0.00
23 M	tert-Butyl Alcohol	100.000	82.344	17.7	79	-0.04
24 M	Methyl tert-Butyl Ether	20.000	20.038	-0.2	96	0.00
25 M	Chloroform	20.000	20.448	-2.2	96	0.00
26	Cyclohexane	20.000	20.718	-3.6	100	0.00
27 s	1,2-Dichloroethane-d4	30.000	31.035	-3.5	98	-0.01
28 I	1,4-Difluorobenzene	30.000	30.000	0.0	96	0.00
29	1,1-Dichloropropene	20.000	20.081	-0.4	95	0.00
30 M	2-Butanone	100.000	94.814	5.2	85	-0.01
31	2,2-Dichloropropane	20.000	18.845	5.8	90	0.00
32 M	1,1,1-Trichloroethane	20.000	20.303	-1.5	95	0.00
33 M	Carbon Tetrachloride	20.000	20.229	-1.1	94	0.00
34 M	Benzene	20.000	20.478	-2.4	98	0.00
35	Methacrylonitrile	20.000	20.673	-3.4	100	0.00
36 M	1,2-Dichloroethane	20.000	21.538	-7.7	98	0.00
37 M	Trichloroethene	20.000	20.963	-4.8	99	0.00
38	Methylcyclohexane	20.000	20.485	-2.4	99	0.00
39 M	1,2-Dichloropropane	20.000	20.702	-3.5	98	0.00
40	Dibromomethane	20.000	20.959	-4.8	100	0.00
41 M	Bromodichloromethane	20.000	20.361	-1.8	95	0.00
42 M	Vinyl Acetate	100.000	102.342	-2.3	97	0.00
43	Ethyl Acetate	20.000	21.298	-6.5	101	0.00
44	Isopropyl Acetate	20.000	20.102	-0.5	95	0.00
45 T	1,4-Dioxane	400.000	318.156	20.5	71	-0.03
46	Methyl methacrylate	20.000	21.047	-5.2	99	0.00
47	n-amyl Acetate	20.000	21.439	-7.2	101	0.00
48 M	t-1,3-Dichloropropene	20.000	19.635	1.8	93	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
49 T	cis-1,3-Dichloropropene	20.000	19.945	0.3	96	0.00
50 M	1,1,2-Trichloroethane	20.000	21.901	-9.5	103	0.00
51	Ethyl methacrylate	20.000	21.068	-5.3	101	0.00
52	1,3-Dichloropropane	20.000	21.180	-5.9	99	0.00
53 M	Dibromochloromethane	20.000	20.478	-2.4	97	0.00
54 M	1,2-Dibromoethane	20.000	21.384	-6.9	100	0.00
55 M	2-Chloroethyl vinyl ether	100.000	103.894	-3.9	105	0.00
56 M	Bromoform	20.000	19.829	0.9	94	0.00
57 I	Chlorobenzene-d5	30.000	30.000	0.0	100	0.00
58 M	4-Methyl-2-Pentanone	100.000	103.608	-3.6	99	0.00
59 M	2-Hexanone	100.000	101.128	-1.1	93	0.00
60 S	4-Bromofluorobenzene	30.000	30.463	-1.5	101	0.00
61 M	Tetrachloroethene	20.000	20.567	-2.8	100	0.00
62 M	Toluene	20.000	20.301	-1.5	98	0.00
63 S	Toluene-d8	30.000	30.128	-0.4	99	0.00
64 M	Chlorobenzene	20.000	20.550	-2.8	100	0.00
65	1,1,1,2-Tetrachloroethane	20.000	19.881	0.6	96	0.00
66 M	Ethyl Benzene	20.000	20.772	-3.9	100	0.00
67 M	m/p-Xylenes	40.000	41.513	-3.8	101	0.00
68 M	o-Xylene	20.000	20.533	-2.7	100	0.00
69 M	Styrene	20.000	20.640	-3.2	100	0.00
70	Isopropylbenzene	20.000	20.994	-5.0	101	0.00
71 M	1,1,2,2-Tetrachloroethane	20.000	20.919	-4.6	101	0.00
72	1,2,3-Trichloropropane	20.000	20.371	-1.9	95	0.00
73	Bromobenzene	20.000	20.848	-4.2	102	0.00
74	n-propylbenzene	20.000	20.752	-3.8	101	0.00
75	2-Chlorotoluene	20.000	20.823	-4.1	101	0.00
76	1,3,5-Trimethylbenzene	20.000	20.956	-4.8	101	0.00
77	t-1,4-Dichloro-2-butene	20.000	15.710	21.4	78	0.00
78	4-Chlorotoluene	20.000	20.957	-4.8	100	0.00
79	tert-butylbenzene	20.000	20.996	-5.0	101	0.00
80	1,2,4-Trimethylbenzene	20.000	21.249	-6.2	102	0.00
81	sec-Butylbenzene	20.000	21.156	-5.8	102	0.00
82	p-Isopropyltoluene	20.000	21.187	-5.9	103	0.00
83 M	1,3-Dichlorobenzene	20.000	21.105	-5.5	102	0.00
84 M	1,4-Dichlorobenzene	20.000	20.528	-2.6	100	0.00
85	n-Butylbenzene	20.000	20.707	-3.5	104	0.00
86 T	Hexachloroethane	20.000	17.545	12.3	87	0.00
87 M	1,2-Dichlorobenzene	20.000	21.123	-5.6	102	0.00
88	1,2-Dibromo-3-Chloropropane	20.000	18.463	7.7	89	0.00
89	1,2,4-Trichlorobenzene	20.000	20.839	-4.2	106	0.00
90	Hexachlorobutadiene	20.000	21.095	-5.5	104	0.00
91 M	Naphthalene	20.000	20.646	-3.2	102	0.00
92	1,2,3-Trichlorobenzene	20.000	20.722	-3.6	104	0.00

(#) = Out of Range

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