

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX111122\
 Data File : VX032780.D
 Acq On : 11 Nov 2022 17:34
 Operator : JC/MD
 Sample : VSTDCCC020
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_X
 LabSampleId :
 VSTDCCC020

Quant Time: Nov 14 05:14:50 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\624X111022W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Fri Nov 11 05:24:06 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	21.327	-6.6	95	0.00
3 M	Chloromethane	20.000	20.632	-3.2	94	0.00
4 M	Vinyl Chloride	20.000	20.959	-4.8	95	0.00
5 M	Bromomethane	20.000	15.818	20.9	74	0.00
6 M	Chloroethane	20.000	17.177	14.1	81	0.00
7 M	Trichlorofluoromethane	20.000	20.797	-4.0	95	0.00
8 T	Diethyl Ether	20.000	20.588	-2.9	95	0.00
9	1,1,2-Trichlorotrifluoroeth	20.000	21.339	-6.7	98	0.00
10 M	1,1-Dichloroethene	20.000	20.244	-1.2	95	0.00
11	Methyl Iodide	20.000	13.951	30.2#	71	0.00
12	Methyl Acetate	20.000	19.834	0.8	92	0.00
13 M	Acrolein	100.000	92.035	8.0	90	0.00
14 M	Acrylonitrile	100.000	99.163	0.8	94	0.00
15 M	Acetone	100.000	99.269	0.7	91	0.00
16 M	Carbon Disulfide	20.000	19.741	1.3	95	0.00
17	Allyl chloride	20.000	19.997	0.0	96	0.00
18 M	Methylene Chloride	20.000	20.386	-1.9	95	0.00
19 M	trans-1,2-Dichloroethene	20.000	19.926	0.4	95	0.00
20 T	Diisopropyl ether	20.000	19.658	1.7	95	0.00
21 M	1,1-Dichloroethane	20.000	20.211	-1.1	94	0.00
22 M	cis-1,2-Dichloroethene	20.000	19.845	0.8	95	0.00
23 M	tert-Butyl Alcohol	100.000	104.224	-4.2	89	-0.02
24 M	Methyl tert-Butyl Ether	20.000	19.956	0.2	96	0.00
25 M	Chloroform	20.000	19.755	1.2	95	0.00
26	Cyclohexane	20.000	20.316	-1.6	97	0.00
27 s	1,2-Dichloroethane-d4	30.000	29.515	1.6	93	0.00
28 I	1,4-Difluorobenzene	30.000	30.000	0.0	95	0.00
29	1,1-Dichloropropene	20.000	20.306	-1.5	96	0.00
30 M	2-Butanone	100.000	97.473	2.5	92	0.00
31	2,2-Dichloropropane	20.000	23.455	-17.3	111	0.00
32 M	1,1,1-Trichloroethane	20.000	20.066	-0.3	95	0.00
33 M	Carbon Tetrachloride	20.000	20.021	-0.1	96	0.00
34 M	Benzene	20.000	20.238	-1.2	95	0.00
35	Methacrylonitrile	20.000	19.406	3.0	93	0.00
36 M	1,2-Dichloroethane	20.000	19.995	0.0	92	0.00
37 M	Trichloroethene	20.000	20.716	-3.6	97	0.00
38	Methylcyclohexane	20.000	21.181	-5.9	100	0.00
39 M	1,2-Dichloropropane	20.000	20.420	-2.1	97	0.00
40	Dibromomethane	20.000	20.247	-1.2	95	0.00
41 M	Bromodichloromethane	20.000	20.018	-0.1	96	0.00
42 M	Vinyl Acetate	100.000	100.506	-0.5	96	0.00
43	Ethyl Acetate	20.000	19.957	0.2	92	0.00
44	Isopropyl Acetate	20.000	19.980	0.1	96	0.00
45 T	1,4-Dioxane	400.000	343.961	14.0	80	-0.02
46	Methyl methacrylate	20.000	20.075	-0.4	96	0.00
47	n-amyl Acetate	20.000	19.924	0.4	95	0.00
48 M	t-1,3-Dichloropropene	20.000	19.808	1.0	98	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
49 T	cis-1,3-Dichloropropene	20.000	20.331	-1.7	99	0.00
50 M	1,1,2-Trichloroethane	20.000	20.438	-2.2	99	0.00
51	Ethyl methacrylate	20.000	19.991	0.0	96	0.00
52	1,3-Dichloropropane	20.000	20.425	-2.1	95	0.00
53 M	Dibromochloromethane	20.000	19.722	1.4	97	0.00
54 M	1,2-Dibromoethane	20.000	19.931	0.3	97	0.00
55 M	2-Chloroethyl vinyl ether	100.000	104.307	-4.3	99	0.00
56 M	Bromoform	20.000	18.611	6.9	93	0.00
57 I	Chlorobenzene-d5	30.000	30.000	0.0	94	0.00
58 M	4-Methyl-2-Pentanone	100.000	101.959	-2.0	93	0.00
59 M	2-Hexanone	100.000	101.556	-1.6	92	0.00
60 S	4-Bromofluorobenzene	30.000	29.651	1.2	95	0.00
61 M	Tetrachloroethene	20.000	20.424	-2.1	98	0.00
62 M	Toluene	20.000	20.375	-1.9	96	0.00
63 S	Toluene-d8	30.000	30.542	-1.8	96	0.00
64 M	Chlorobenzene	20.000	20.619	-3.1	98	0.00
65	1,1,1,2-Tetrachloroethane	20.000	20.061	-0.3	95	0.00
66 M	Ethyl Benzene	20.000	20.453	-2.3	97	0.00
67 M	m/p-Xylenes	40.000	40.961	-2.4	97	0.00
68 M	o-Xylene	20.000	19.973	0.1	95	0.00
69 M	Styrene	20.000	20.271	-1.4	96	0.00
70	Isopropylbenzene	20.000	20.603	-3.0	97	0.00
71 M	1,1,2,2-Tetrachloroethane	20.000	20.338	-1.7	95	0.00
72	1,2,3-Trichloropropane	20.000	20.864	-4.3	94	0.00
73	Bromobenzene	20.000	20.319	-1.6	96	0.00
74	n-propylbenzene	20.000	20.979	-4.9	99	0.00
75	2-Chlorotoluene	20.000	20.761	-3.8	98	0.00
76	1,3,5-Trimethylbenzene	20.000	20.797	-4.0	98	0.00
77	t-1,4-Dichloro-2-butene	20.000	18.307	8.5	92	0.00
78	4-Chlorotoluene	20.000	21.048	-5.2	100	0.00
79	tert-butylbenzene	20.000	20.406	-2.0	97	0.00
80	1,2,4-Trimethylbenzene	20.000	21.091	-5.5	98	0.00
81	sec-Butylbenzene	20.000	21.025	-5.1	100	0.00
82	p-Isopropyltoluene	20.000	21.135	-5.7	100	0.00
83 M	1,3-Dichlorobenzene	20.000	21.291	-6.5	100	0.00
84 M	1,4-Dichlorobenzene	20.000	21.265	-6.3	100	0.00
85	n-Butylbenzene	20.000	21.636	-8.2	103	0.00
86 T	Hexachloroethane	20.000	18.567	7.2	92	0.00
87 M	1,2-Dichlorobenzene	20.000	20.866	-4.3	98	0.00
88	1,2-Dibromo-3-Chloropropane	20.000	19.888	0.6	99	0.00
89	1,2,4-Trichlorobenzene	20.000	21.151	-5.8	102	0.00
90	Hexachlorobutadiene	20.000	21.896	-9.5	105	0.00
91 M	Naphthalene	20.000	20.815	-4.1	98	0.00
92	1,2,3-Trichlorobenzene	20.000	21.296	-6.5	100	0.00

(#) = Out of Range

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