

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\WX112822\
 Data File : VX033101.D
 Acq On : 28 Nov 2022 20:05
 Operator : JC/MD
 Sample : VSTDCCC020
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_X
 LabSampleId :
 VSTDCCC020

Quant Time: Nov 29 03:46:00 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	94	0.00
2 M	Dichlorodifluoromethane	20.000	19.689	1.6	87	0.00
3 M	Chloromethane	20.000	20.718	-3.6	93	0.00
4 M	Vinyl Chloride	20.000	20.645	-3.2	92	0.00
5 M	Bromomethane	20.000	14.724	26.4#	68	0.00
6 M	Chloroethane	20.000	19.257	3.7	90	0.00
7 M	Trichlorofluoromethane	20.000	21.932	-9.7	99	0.00
8 T	Diethyl Ether	20.000	21.911	-9.6	100	0.00
9	1,1,2-Trichlorotrifluoroeth	20.000	20.970	-4.8	95	0.00
10 M	1,1-Dichloroethene	20.000	20.807	-4.0	96	0.00
11	Methyl Iodide	20.000	19.348	3.3	97	0.00
12	Methyl Acetate	20.000	20.871	-4.4	95	0.00
13 M	Acrolein	100.000	104.710	-4.7	101	0.00
14 M	Acrylonitrile	100.000	101.502	-1.5	95	0.00
15 M	Acetone	100.000	104.989	-5.0	95	0.01
16 M	Carbon Disulfide	20.000	21.390	-7.0	102	0.00
17	Allyl chloride	20.000	20.852	-4.3	99	0.00
18 M	Methylene Chloride	20.000	20.277	-1.4	94	0.00
19 M	trans-1,2-Dichloroethene	20.000	20.216	-1.1	95	0.00
20 T	Diisopropyl ether	20.000	20.461	-2.3	97	0.00
21 M	1,1-Dichloroethane	20.000	21.003	-5.0	96	0.00
22 M	cis-1,2-Dichloroethene	20.000	20.632	-3.2	97	0.00
23 M	tert-Butyl Alcohol	100.000	109.329	-9.3	92	0.03
24 M	Methyl tert-Butyl Ether	20.000	20.623	-3.1	98	0.00
25 M	Chloroform	20.000	20.825	-4.1	99	0.00
26	Cyclohexane	20.000	20.413	-2.1	96	0.00
27 s	1,2-Dichloroethane-d4	30.000	29.953	0.2	94	0.00
28 I	1,4-Difluorobenzene	30.000	30.000	0.0	93	0.00
29	1,1-Dichloropropene	20.000	20.578	-2.9	95	0.00
30 M	2-Butanone	100.000	104.051	-4.1	96	0.00
31	2,2-Dichloropropane	20.000	23.986	-19.9	111	0.00
32 M	1,1,1-Trichloroethane	20.000	21.775	-8.9	101	0.00
33 M	Carbon Tetrachloride	20.000	21.385	-6.9	100	0.00
34 M	Benzene	20.000	20.789	-3.9	96	0.00
35	Methacrylonitrile	20.000	20.188	-0.9	94	0.00
36 M	1,2-Dichloroethane	20.000	21.153	-5.8	96	0.00
37 M	Trichloroethene	20.000	20.600	-3.0	95	0.00
38	Methylcyclohexane	20.000	20.319	-1.6	94	0.00
39 M	1,2-Dichloropropane	20.000	20.435	-2.2	95	0.00
40	Dibromomethane	20.000	21.224	-6.1	98	0.00
41 M	Bromodichloromethane	20.000	21.861	-9.3	103	0.00
42 M	Vinyl Acetate	100.000	103.851	-3.9	97	0.00
43	Ethyl Acetate	20.000	21.010	-5.1	95	0.00
44	Isopropyl Acetate	20.000	20.069	-0.3	95	0.00
45 T	1,4-Dioxane	400.000	479.273	-19.8	109	0.02
46	Methyl methacrylate	20.000	20.207	-1.0	94	0.00
47	n-amyl Acetate	20.000	18.854	5.7	88	0.00
48 M	t-1,3-Dichloropropene	20.000	21.170	-5.9	102	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
49 T	cis-1,3-Dichloropropene	20.000	21.760	-8.8	104	0.00
50 M	1,1,2-Trichloroethane	20.000	20.809	-4.0	99	0.00
51	Ethyl methacrylate	20.000	20.047	-0.2	94	0.00
52	1,3-Dichloropropane	20.000	20.777	-3.9	95	0.00
53 M	Dibromochloromethane	20.000	21.900	-9.5	106	0.00
54 M	1,2-Dibromoethane	20.000	21.046	-5.2	100	0.00
55 M	2-Chloroethyl vinyl ether	100.000	96.006	4.0	90	0.00
56 M	Bromoform	20.000	22.521	-12.6	111	0.00
57 I	Chlorobenzene-d5	30.000	30.000	0.0	93	0.00
58 M	4-Methyl-2-Pentanone	100.000	101.949	-1.9	92	0.00
59 M	2-Hexanone	100.000	104.105	-4.1	94	0.00
60 S	4-Bromofluorobenzene	30.000	28.858	3.8	92	0.00
61 M	Tetrachloroethene	20.000	20.352	-1.8	96	0.00
62 M	Toluene	20.000	20.453	-2.3	96	0.00
63 S	Toluene-d8	30.000	29.480	1.7	92	0.00
64 M	Chlorobenzene	20.000	20.247	-1.2	95	0.00
65	1,1,1,2-Tetrachloroethane	20.000	21.485	-7.4	100	0.00
66 M	Ethyl Benzene	20.000	20.296	-1.5	95	0.00
67 M	m/p-Xylenes	40.000	41.122	-2.8	97	0.00
68 M	o-Xylene	20.000	20.128	-0.6	94	0.00
69 M	Styrene	20.000	20.029	-0.1	94	0.00
70	Isopropylbenzene	20.000	20.138	-0.7	94	0.00
71 M	1,1,2,2-Tetrachloroethane	20.000	20.913	-4.6	96	0.00
72	1,2,3-Trichloropropane	20.000	21.217	-6.1	95	0.00
73	Bromobenzene	20.000	20.342	-1.7	95	0.00
74	n-propylbenzene	20.000	20.239	-1.2	95	0.00
75	2-Chlorotoluene	20.000	20.222	-1.1	94	0.00
76	1,3,5-Trimethylbenzene	20.000	20.245	-1.2	94	0.00
77	t-1,4-Dichloro-2-butene	20.000	20.779	-3.9	104	0.00
78	4-Chlorotoluene	20.000	20.438	-2.2	96	0.00
79	tert-butylbenzene	20.000	20.237	-1.2	95	0.00
80	1,2,4-Trimethylbenzene	20.000	20.341	-1.7	93	0.00
81	sec-Butylbenzene	20.000	20.318	-1.6	96	0.00
82	p-Isopropyltoluene	20.000	20.384	-1.9	96	0.00
83 M	1,3-Dichlorobenzene	20.000	20.549	-2.7	95	0.00
84 M	1,4-Dichlorobenzene	20.000	20.507	-2.5	95	0.00
85	n-Butylbenzene	20.000	20.093	-0.5	95	0.00
86 T	Hexachloroethane	20.000	22.007	-10.0	108	0.00
87 M	1,2-Dichlorobenzene	20.000	20.509	-2.5	96	0.00
88	1,2-Dibromo-3-Chloropropane	20.000	23.087	-15.4	114	0.00
89	1,2,4-Trichlorobenzene	20.000	19.788	1.1	94	0.00
90	Hexachlorobutadiene	20.000	21.223	-6.1	101	0.00
91 M	Naphthalene	20.000	20.252	-1.3	95	0.00
92	1,2,3-Trichlorobenzene	20.000	19.871	0.6	92	0.00

(#) = Out of Range

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