

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\WX112822\
 Data File : VX033091.D
 Acq On : 28 Nov 2022 15:10
 Operator : JC/MD
 Sample : VSTDCCC020
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_X
 LabSampleId :
 VSTDCCC020

Quant Time: Nov 29 03:44:21 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	110	0.00
2 M	Dichlorodifluoromethane	20.000	18.012	9.9	93	0.00
3 M	Chloromethane	20.000	18.743	6.3	98	0.00
4 M	Vinyl Chloride	20.000	19.696	1.5	103	0.00
5 M	Bromomethane	20.000	14.164	29.2#	77	0.00
6 M	Chloroethane	20.000	18.201	9.0	99	0.00
7 M	Trichlorofluoromethane	20.000	20.098	-0.5	106	0.00
8 T	Diethyl Ether	20.000	19.088	4.6	102	0.00
9	1,1,2-Trichlorotrifluoroeth	20.000	19.937	0.3	106	0.00
10 M	1,1-Dichloroethene	20.000	19.476	2.6	105	0.00
11	Methyl Iodide	20.000	14.874	25.6#	87	0.00
12	Methyl Acetate	20.000	17.994	10.0	96	0.00
13 M	Acrolein	100.000	98.463	1.5	111	0.00
14 M	Acrylonitrile	100.000	91.417	8.6	100	0.00
15 M	Acetone	100.000	96.800	3.2	102	0.01
16 M	Carbon Disulfide	20.000	19.877	0.6	111	0.00
17	Allyl chloride	20.000	18.929	5.4	105	0.00
18 M	Methylene Chloride	20.000	18.672	6.6	101	0.00
19 M	trans-1,2-Dichloroethene	20.000	19.141	4.3	105	0.00
20 T	Diisopropyl ether	20.000	18.386	8.1	102	0.00
21 M	1,1-Dichloroethane	20.000	18.728	6.4	100	0.00
22 M	cis-1,2-Dichloroethene	20.000	18.964	5.2	105	0.00
23 M	tert-Butyl Alcohol	100.000	116.079	-16.1	114	0.02
24 M	Methyl tert-Butyl Ether	20.000	18.564	7.2	103	0.00
25 M	Chloroform	20.000	18.955	5.2	105	0.00
26	Cyclohexane	20.000	19.042	4.8	105	0.00
27 s	1,2-Dichloroethane-d4	30.000	29.980	0.1	109	0.00
28 I	1,4-Difluorobenzene	30.000	30.000	0.0	111	0.00
29	1,1-Dichloropropene	20.000	19.051	4.7	105	0.00
30 M	2-Butanone	100.000	90.574	9.4	100	0.00
31	2,2-Dichloropropane	20.000	22.452	-12.3	124	0.00
32 M	1,1,1-Trichloroethane	20.000	19.013	4.9	105	0.00
33 M	Carbon Tetrachloride	20.000	19.486	2.6	109	-0.01
34 M	Benzene	20.000	19.013	4.9	104	0.00
35	Methacrylonitrile	20.000	18.182	9.1	101	-0.01
36 M	1,2-Dichloroethane	20.000	18.807	6.0	101	0.00
37 M	Trichloroethene	20.000	19.328	3.4	106	0.00
38	Methylcyclohexane	20.000	19.410	2.9	107	0.00
39 M	1,2-Dichloropropane	20.000	19.152	4.2	106	0.00
40	Dibromomethane	20.000	19.284	3.6	106	0.00
41 M	Bromodichloromethane	20.000	19.536	2.3	110	0.00
42 M	Vinyl Acetate	100.000	91.488	8.5	102	0.00
43	Ethyl Acetate	20.000	18.084	9.6	98	0.00
44	Isopropyl Acetate	20.000	17.664	11.7	99	0.00
45 T	1,4-Dioxane	400.000	408.262	-2.1	111	0.00
46	Methyl methacrylate	20.000	18.014	9.9	100	0.00
47	n-amyl Acetate	20.000	17.899	10.5	100	0.00
48 M	t-1,3-Dichloropropene	20.000	18.557	7.2	107	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
49 T	cis-1,3-Dichloropropene	20.000	19.444	2.8	110	0.00
50 M	1,1,2-Trichloroethane	20.000	19.063	4.7	108	0.00
51	Ethyl methacrylate	20.000	17.958	10.2	101	0.00
52	1,3-Dichloropropane	20.000	18.771	6.1	102	0.00
53 M	Dibromochloromethane	20.000	19.342	3.3	112	0.00
54 M	1,2-Dibromoethane	20.000	18.782	6.1	106	0.00
55 M	2-Chloroethyl vinyl ether	100.000	85.271	14.7	95	0.00
56 M	Bromoform	20.000	18.518	7.4	109	0.00
57 I	Chlorobenzene-d5	30.000	30.000	0.0	111	0.00
58 M	4-Methyl-2-Pentanone	100.000	90.780	9.2	98	0.00
59 M	2-Hexanone	100.000	91.487	8.5	98	0.00
60 S	4-Bromofluorobenzene	30.000	29.983	0.1	114	0.00
61 M	Tetrachloroethene	20.000	19.163	4.2	108	0.00
62 M	Toluene	20.000	18.802	6.0	105	0.00
63 S	Toluene-d8	30.000	29.883	0.4	111	0.00
64 M	Chlorobenzene	20.000	19.164	4.2	107	0.00
65	1,1,1,2-Tetrachloroethane	20.000	19.272	3.6	107	0.00
66 M	Ethyl Benzene	20.000	19.165	4.2	107	0.00
67 M	m/p-Xylenes	40.000	38.375	4.1	108	0.00
68 M	o-Xylene	20.000	18.796	6.0	105	0.00
69 M	Styrene	20.000	18.606	7.0	104	0.00
70	Isopropylbenzene	20.000	19.163	4.2	107	0.00
71 M	1,1,2,2-Tetrachloroethane	20.000	18.937	5.3	104	0.00
72	1,2,3-Trichloropropane	20.000	19.677	1.6	105	0.00
73	Bromobenzene	20.000	19.080	4.6	106	0.00
74	n-propylbenzene	20.000	19.265	3.7	108	0.00
75	2-Chlorotoluene	20.000	19.384	3.1	108	0.00
76	1,3,5-Trimethylbenzene	20.000	19.218	3.9	107	0.00
77	t-1,4-Dichloro-2-butene	20.000	18.439	7.8	110	0.00
78	4-Chlorotoluene	20.000	19.062	4.7	107	0.00
79	tert-butylbenzene	20.000	19.386	3.1	109	0.00
80	1,2,4-Trimethylbenzene	20.000	19.338	3.3	106	0.00
81	sec-Butylbenzene	20.000	19.568	2.2	110	0.00
82	p-Isopropyltoluene	20.000	19.536	2.3	109	0.00
83 M	1,3-Dichlorobenzene	20.000	19.278	3.6	106	0.00
84 M	1,4-Dichlorobenzene	20.000	19.357	3.2	107	0.00
85	n-Butylbenzene	20.000	19.369	3.2	109	0.00
86 T	Hexachloroethane	20.000	19.604	2.0	115	0.00
87 M	1,2-Dichlorobenzene	20.000	19.255	3.7	107	0.00
88	1,2-Dibromo-3-Chloropropane	20.000	18.775	6.1	110	0.00
89	1,2,4-Trichlorobenzene	20.000	19.107	4.5	109	0.00
90	Hexachlorobutadiene	20.000	20.140	-0.7	114	0.00
91 M	Naphthalene	20.000	18.571	7.1	103	0.00
92	1,2,3-Trichlorobenzene	20.000	18.932	5.3	104	0.00

(#) = Out of Range

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