

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\WX121120\
 Data File : VX019865.D
 Acq On : 11 Dec 2020 09:15
 Operator : JC/MD
 Sample : VSTDCCC020
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 LabSampleId :
 VSTDCCC020

Quant Time: Dec 12 00:20:00 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\624X120820W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Wed Dec 09 06:09:21 2020
 Response via : Initial Calibration

Min. RRF : 0.050 Min. Rel. Area : 20% Max. R.T. Dev 0.50min
 Max. RRF Dev : 30% Max. Rel. Area : 150%

	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
1 I	Bromochloromethane	30.000	30.000	0.0	87	0.00
2 M	Dichlorodifluoromethane	20.000	17.351	13.2	73	0.00
3 M	Chloromethane	20.000	17.138	14.3	72	0.00
4 M	Vinyl Chloride	20.000	17.387	13.1	75	0.00
5 M	Bromomethane	20.000	26.874	-34.4#	76	0.00
6 M	Chloroethane	20.000	17.713	11.4	77	0.00
7 M	Trichlorofluoromethane	20.000	17.585	12.1	75	0.00
8 T	Diethyl Ether	20.000	17.593	12.0	74	0.00
9	1,1,2-Trichlorotrifluoroeth	20.000	17.863	10.7	75	0.00
10 M	1,1-Dichloroethene	20.000	17.071	14.6	74	0.00
11	Methyl Iodide	20.000	15.396	23.0	72	0.00
12	Methyl Acetate	20.000	18.197	9.0	80	0.00
13 M	Acrolein	100.000	83.605	16.4	78	0.00
14 M	Acrylonitrile	100.000	87.410	12.6	78	0.00
15 M	Acetone	100.000	94.473	5.5	82	0.00
16 M	Carbon Disulfide	20.000	15.712	21.4	69	0.00
17	Allyl chloride	20.000	17.258	13.7	76	0.00
18 M	Methylene Chloride	20.000	17.554	12.2	76	0.00
19 M	trans-1,2-Dichloroethene	20.000	17.187	14.1	74	0.00
20 T	Diisopropyl ether	20.000	18.012	9.9	77	0.00
21 M	1,1-Dichloroethane	20.000	17.719	11.4	76	0.00
22 M	cis-1,2-Dichloroethene	20.000	17.269	13.7	75	0.00
23 M	tert-Butyl Alcohol	100.000	82.841	17.2	79	0.00
24 M	Methyl tert-Butyl Ether	20.000	17.830	10.9	77	0.00
25 M	Chloroform	20.000	17.720	11.4	76	0.00
26	Cyclohexane	20.000	17.516	12.4	76	0.00
27 s	1,2-Dichloroethane-d4	30.000	30.651	-2.2	89	0.00
28 I	1,4-Difluorobenzene	30.000	30.000	0.0	89	0.00
29	1,1-Dichloropropene	20.000	17.415	12.9	75	0.00
30 M	2-Butanone	100.000	90.558	9.4	80	0.00
31	2,2-Dichloropropane	20.000	17.478	12.6	75	0.00
32 M	1,1,1-Trichloroethane	20.000	17.617	11.9	76	0.00
33 M	Carbon Tetrachloride	20.000	17.025	14.9	73	0.00
34 M	Benzene	20.000	17.566	12.2	75	0.00
35	Methacrylonitrile	20.000	17.034	14.8	75	0.00
36 M	1,2-Dichloroethane	20.000	17.687	11.6	76	0.00
37 M	Trichloroethene	20.000	17.496	12.5	77	0.00
38	Methylcyclohexane	20.000	17.386	13.1	76	0.00
39 M	1,2-Dichloropropane	20.000	18.039	9.8	79	0.00
40	Dibromomethane	20.000	17.241	13.8	76	0.00
41 M	Bromodichloromethane	20.000	16.960	15.2	74	0.00
42 M	Vinyl Acetate	100.000	87.858	12.1	76	0.00
43	Ethyl Acetate	20.000	17.300	13.5	77	0.00
44	Isopropyl Acetate	20.000	16.980	15.1	75	0.00
45 T	1,4-Dioxane	400.000	323.428	19.1	72	0.00
46	Methyl methacrylate	20.000	17.216	13.9	76	0.00
47	n-amyl Acetate	20.000	16.241	18.8	74	0.00

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Quant Time: Dec 10 00:20:00 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\624X120820W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
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Min. RRF : 0.050 Min. Rel. Area : 20% Max. R.T. Dev 0.50min
 Max. RRF Dev : 30% Max. Rel. Area : 150%

	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
48 M	t-1,3-Dichloropropene	20.000	16.554	17.2	73	0.00
49 T	cis-1,3-Dichloropropene	20.000	16.869	15.7	74	0.00
50 M	1,1,2-Trichloroethane	20.000	17.522	12.4	76	0.00
51	Ethyl methacrylate	20.000	16.612	16.9	75	0.00
52	1,3-Dichloropropane	20.000	17.625	11.9	76	0.00
53 M	Dibromochloromethane	20.000	16.251	18.7	72	0.00
54 M	1,2-Dibromoethane	20.000	17.044	14.8	73	0.00
55 M	2-Chloroethyl vinyl ether	100.000	89.150	10.8	76	0.00
56 M	Bromoform	20.000	15.383	23.1	70	0.00
57 I	Chlorobenzene-d5	30.000	30.000	0.0	88	0.00
58 M	4-Methyl-2-Pentanone	100.000	87.828	12.2	77	0.00
59 M	2-Hexanone	100.000	90.079	9.9	80	0.00
60 S	4-Bromofluorobenzene	30.000	29.744	0.9	87	0.00
61 M	Tetrachloroethene	20.000	19.145	4.3	81	0.00
62 M	Toluene	20.000	18.126	9.4	77	0.00
63 S	Toluene-d8	30.000	30.594	-2.0	88	0.00
64 M	Chlorobenzene	20.000	17.504	12.5	75	0.00
65	1,1,1,2-Tetrachloroethane	20.000	17.127	14.4	73	0.00
66 M	Ethyl Benzene	20.000	17.446	12.8	74	0.00
67 M	m/p-Xylenes	40.000	34.518	13.7	73	0.00
68 M	o-Xylene	20.000	17.309	13.5	74	0.00
69 M	Styrene	20.000	16.913	15.4	73	0.00
70	Isopropylbenzene	20.000	17.528	12.4	74	0.00
71 M	1,1,2,2-Tetrachloroethane	20.000	16.930	15.4	73	0.00
72	1,2,3-Trichloropropane	20.000	16.553	17.2	71	0.00
73	Bromobenzene	20.000	16.755	16.2	72	0.00
74	n-propylbenzene	20.000	17.608	12.0	76	0.00
75	2-Chlorotoluene	20.000	17.240	13.8	74	0.00
76	1,3,5-Trimethylbenzene	20.000	17.341	13.3	75	0.00
77	t-1,4-Dichloro-2-butene	20.000	15.050	24.7	69	0.00
78	4-Chlorotoluene	20.000	17.426	12.9	75	0.00
79	tert-butylbenzene	20.000	16.818	15.9	75	0.00
80	1,2,4-Trimethylbenzene	20.000	17.560	12.2	76	0.00
81	sec-Butylbenzene	20.000	17.609	12.0	76	0.00
82	p-Isopropyltoluene	20.000	17.547	12.3	77	0.00
83 M	1,3-Dichlorobenzene	20.000	17.196	14.0	75	0.00
84 M	1,4-Dichlorobenzene	20.000	16.811	15.9	73	0.00
85	n-Butylbenzene	20.000	17.191	14.0	75	0.00
86 T	Hexachloroethane	20.000	15.911	20.4	72	0.00
87 M	1,2-Dichlorobenzene	20.000	16.792	16.0	72	0.00
88	1,2-Dibromo-3-Chloropropane	20.000	16.313	18.4	75	0.00
89	1,2,4-Trichlorobenzene	20.000	17.134	14.3	75	0.00
90	Hexachlorobutadiene	20.000	18.251	8.7	79	0.00
91 M	Naphthalene	20.000	16.771	16.1	75	0.00
92	1,2,3-Trichlorobenzene	20.000	17.335	13.3	77	0.00

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Compound	Amount	Calc.	%Dev	Area%	Dev(min)

(#) = Out of Range		SPCC's out = 0 CCC's out = 0			