

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\WX121120\
 Data File : VX019877.D
 Acq On : 11 Dec 2020 15:44
 Operator : JC/MD
 Sample : VSTDCCC020
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_X
 LabSampleId :
 VSTDCCC020

Quant Time: Dec 12 00:23:43 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	16.964	15.2	71	0.00
3 M	Chloromethane	20.000	17.958	10.2	76	0.00
4 M	Vinyl Chloride	20.000	17.629	11.9	76	0.00
5 M	Bromomethane	20.000	28.786	-43.9#	82	0.02
6 M	Chloroethane	20.000	16.539	17.3	72	0.00
7 M	Trichlorofluoromethane	20.000	17.575	12.1	75	0.00
8 T	Diethyl Ether	20.000	18.510	7.4	78	0.00
9	1,1,2-Trichlorotrifluoroeth	20.000	18.987	5.1	80	0.00
10 M	1,1-Dichloroethene	20.000	18.445	7.8	80	0.00
11	Methyl Iodide	20.000	16.027	19.9	75	0.00
12	Methyl Acetate	20.000	19.136	4.3	85	0.00
13 M	Acrolein	100.000	91.523	8.5	86	0.00
14 M	Acrylonitrile	100.000	91.482	8.5	81	0.00
15 M	Acetone	100.000	80.860	19.1	70	0.02
16 M	Carbon Disulfide	20.000	15.251	23.7	67	0.00
17	Allyl chloride	20.000	17.944	10.3	79	0.00
18 M	Methylene Chloride	20.000	18.483	7.6	80	0.00
19 M	trans-1,2-Dichloroethene	20.000	17.566	12.2	76	0.00
20 T	Diisopropyl ether	20.000	19.081	4.6	82	0.00
21 M	1,1-Dichloroethane	20.000	18.618	6.9	80	0.00
22 M	cis-1,2-Dichloroethene	20.000	17.994	10.0	78	0.00
23 M	tert-Butyl Alcohol	100.000	82.706	17.3	79	0.04
24 M	Methyl tert-Butyl Ether	20.000	18.527	7.4	80	0.00
25 M	Chloroform	20.000	18.663	6.7	80	0.00
26	Cyclohexane	20.000	17.735	11.3	77	0.00
27 s	1,2-Dichloroethane-d4	30.000	30.665	-2.2	89	0.00
28 I	1,4-Difluorobenzene	30.000	30.000	0.0	87	0.00
29	1,1-Dichloropropene	20.000	18.022	9.9	76	0.00
30 M	2-Butanone	100.000	89.005	11.0	78	0.01
31	2,2-Dichloropropane	20.000	18.143	9.3	77	0.00
32 M	1,1,1-Trichloroethane	20.000	18.320	8.4	78	0.00
33 M	Carbon Tetrachloride	20.000	17.740	11.3	75	0.00
34 M	Benzene	20.000	18.792	6.0	79	0.00
35	Methacrylonitrile	20.000	19.000	5.0	82	0.00
36 M	1,2-Dichloroethane	20.000	18.859	5.7	80	0.00
37 M	Trichloroethene	20.000	18.018	9.9	78	0.00
38	Methylcyclohexane	20.000	17.572	12.1	75	0.00
39 M	1,2-Dichloropropane	20.000	19.087	4.6	82	0.00
40	Dibromomethane	20.000	18.064	9.7	78	0.00
41 M	Bromodichloromethane	20.000	17.916	10.4	77	0.00
42 M	Vinyl Acetate	100.000	93.279	6.7	79	0.00
43	Ethyl Acetate	20.000	18.709	6.5	81	0.00
44	Isopropyl Acetate	20.000	18.173	9.1	79	0.00
45 T	1,4-Dioxane	400.000	343.061	14.2	75	0.04
46	Methyl methacrylate	20.000	17.615	11.9	77	0.00
47	n-amyl Acetate	20.000	16.354	18.2	74	0.00

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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	17.205	14.0	75	0.00
49 T	cis-1,3-Dichloropropene	20.000	17.555	12.2	75	0.00
50 M	1,1,2-Trichloroethane	20.000	18.541	7.3	79	0.00
51	Ethyl methacrylate	20.000	17.615	11.9	78	0.00
52	1,3-Dichloropropane	20.000	18.769	6.2	80	0.00
53 M	Dibromochloromethane	20.000	16.796	16.0	73	0.00
54 M	1,2-Dibromoethane	20.000	18.000	10.0	76	0.00
55 M	2-Chloroethyl vinyl ether	100.000	104.097	-4.1	87	0.00
56 M	Bromoform	20.000	15.612	21.9	69	0.00
57 I	Chlorobenzene-d5	30.000	30.000	0.0	86	0.00
58 M	4-Methyl-2-Pentanone	100.000	95.099	4.9	81	0.00
59 M	2-Hexanone	100.000	92.364	7.6	80	0.00
60 S	4-Bromofluorobenzene	30.000	28.874	3.8	83	0.00
61 M	Tetrachloroethene	20.000	19.678	1.6	81	0.00
62 M	Toluene	20.000	19.007	5.0	78	0.00
63 S	Toluene-d8	30.000	31.146	-3.8	87	0.00
64 M	Chlorobenzene	20.000	17.959	10.2	75	0.00
65	1,1,1,2-Tetrachloroethane	20.000	17.990	10.1	75	0.00
66 M	Ethyl Benzene	20.000	18.092	9.5	75	0.00
67 M	m/p-Xylenes	40.000	35.579	11.1	74	0.00
68 M	o-Xylene	20.000	17.647	11.8	74	0.00
69 M	Styrene	20.000	17.474	12.6	73	0.00
70	Isopropylbenzene	20.000	18.193	9.0	75	0.00
71 M	1,1,2,2-Tetrachloroethane	20.000	17.851	10.7	75	0.00
72	1,2,3-Trichloropropane	20.000	17.924	10.4	75	0.00
73	Bromobenzene	20.000	17.549	12.3	74	0.00
74	n-propylbenzene	20.000	17.521	12.4	73	0.00
75	2-Chlorotoluene	20.000	17.827	10.9	75	0.00
76	1,3,5-Trimethylbenzene	20.000	17.812	10.9	75	0.00
77	t-1,4-Dichloro-2-butene	20.000	15.750	21.3	71	0.00
78	4-Chlorotoluene	20.000	17.472	12.6	73	0.00
79	tert-butylbenzene	20.000	17.337	13.3	76	0.00
80	1,2,4-Trimethylbenzene	20.000	17.689	11.6	75	0.00
81	sec-Butylbenzene	20.000	17.651	11.7	74	0.00
82	p-Isopropyltoluene	20.000	17.334	13.3	74	0.00
83 M	1,3-Dichlorobenzene	20.000	17.158	14.2	74	0.00
84 M	1,4-Dichlorobenzene	20.000	16.814	15.9	71	0.00
85	n-Butylbenzene	20.000	16.685	16.6	72	0.00
86 T	Hexachloroethane	20.000	15.841	20.8	70	0.00
87 M	1,2-Dichlorobenzene	20.000	17.108	14.5	72	0.00
88	1,2-Dibromo-3-Chloropropane	20.000	17.396	13.0	78	0.00
89	1,2,4-Trichlorobenzene	20.000	16.685	16.6	72	0.00
90	Hexachlorobutadiene	20.000	17.492	12.5	74	0.00
91 M	Naphthalene	20.000	17.335	13.3	76	0.00
92	1,2,3-Trichlorobenzene	20.000	17.499	12.5	76	0.00

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

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