

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\WX121620\
 Data File : VX020058.D
 Acq On : 16 Dec 2020 11:48
 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 17 00:30:17 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	84	0.00
2 M	Dichlorodifluoromethane	20.000	17.598	12.0	72	0.00
3 M	Chloromethane	20.000	18.028	9.9	74	0.00
4 M	Vinyl Chloride	20.000	18.565	7.2	77	0.00
5 M	Bromomethane	20.000	26.357	-31.8#	72	0.00
6 M	Chloroethane	20.000	19.829	0.9	83	0.00
7 M	Trichlorofluoromethane	20.000	19.648	1.8	81	0.00
8 T	Diethyl Ether	20.000	20.032	-0.2	82	0.00
9	1,1,2-Trichlorotrifluoroeth	20.000	19.788	1.1	81	0.00
10 M	1,1-Dichloroethene	20.000	18.727	6.4	79	0.00
11	Methyl Iodide	20.000	14.572	27.1	66	0.00
12	Methyl Acetate	20.000	21.871	-9.4	93	0.00
13 M	Acrolein	100.000	82.592	17.4	75	0.00
14 M	Acrylonitrile	100.000	102.687	-2.7	88	0.00
15 M	Acetone	100.000	109.108	-9.1	92	0.00
16 M	Carbon Disulfide	20.000	16.264	18.7	69	0.00
17	Allyl chloride	20.000	19.601	2.0	83	0.00
18 M	Methylene Chloride	20.000	19.982	0.1	83	0.00
19 M	trans-1,2-Dichloroethene	20.000	19.075	4.6	80	0.00
20 T	Diisopropyl ether	20.000	21.168	-5.8	88	0.00
21 M	1,1-Dichloroethane	20.000	20.238	-1.2	83	0.00
22 M	cis-1,2-Dichloroethene	20.000	19.592	2.0	82	0.00
23 M	tert-Butyl Alcohol	100.000	86.413	13.6	80	0.00
24 M	Methyl tert-Butyl Ether	20.000	19.845	0.8	82	0.00
25 M	Chloroform	20.000	20.567	-2.8	85	0.00
26	Cyclohexane	20.000	18.739	6.3	79	0.00
27 s	1,2-Dichloroethane-d4	30.000	31.321	-4.4	88	0.00
28 I	1,4-Difluorobenzene	30.000	30.000	0.0	84	0.00
29	1,1-Dichloropropene	20.000	19.382	3.1	80	0.00
30 M	2-Butanone	100.000	105.321	-5.3	89	0.00
31	2,2-Dichloropropane	20.000	19.824	0.9	81	0.00
32 M	1,1,1-Trichloroethane	20.000	19.822	0.9	81	0.00
33 M	Carbon Tetrachloride	20.000	19.409	3.0	80	0.00
34 M	Benzene	20.000	20.201	-1.0	83	0.00
35	Methacrylonitrile	20.000	20.827	-4.1	87	0.00
36 M	1,2-Dichloroethane	20.000	20.786	-3.9	85	0.00
37 M	Trichloroethene	20.000	19.498	2.5	82	0.00
38	Methylcyclohexane	20.000	19.158	4.2	79	0.00
39 M	1,2-Dichloropropane	20.000	20.943	-4.7	87	0.00
40	Dibromomethane	20.000	19.905	0.5	83	0.00
41 M	Bromodichloromethane	20.000	20.164	-0.8	84	0.00
42 M	Vinyl Acetate	100.000	102.004	-2.0	84	0.00
43	Ethyl Acetate	20.000	20.250	-1.3	85	0.00
44	Isopropyl Acetate	20.000	19.792	1.0	83	0.00
45 T	1,4-Dioxane	400.000	369.195	7.7	78	0.00
46	Methyl methacrylate	20.000	19.772	1.1	83	0.00
47	n-aryl Acetate	20.000	18.974	5.1	83	0.00
48 M	t-1,3-Dichloropropene	20.000	19.318	3.4	81	0.00
49 T	cis-1,3-Dichloropropene	20.000	19.587	2.1	82	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
50 M	1,1,2-Trichloroethane	20.000	20.770	-3.8	86	0.00
51	Ethyl methacrylate	20.000	19.075	4.6	82	0.00
52	1,3-Dichloropropane	20.000	20.702	-3.5	86	0.00
53 M	Dibromochloromethane	20.000	19.172	4.1	81	0.00
54 M	1,2-Dibromoethane	20.000	19.840	0.8	81	0.00
55 M	2-Chloroethyl vinyl ether	100.000	98.405	1.6	80	0.00
56 M	Bromoform	20.000	18.001	10.0	78	0.00
57 I	Chlorobenzene-d5	30.000	30.000	0.0	85	0.00
58 M	4-Methyl-2-Pentanone	100.000	103.023	-3.0	87	0.00
59 M	2-Hexanone	100.000	101.712	-1.7	87	0.00
60 S	4-Bromofluorobenzene	30.000	29.885	0.4	85	0.00
61 M	Tetrachloroethene	20.000	20.674	-3.4	84	0.00
62 M	Toluene	20.000	20.206	-1.0	83	0.00
63 S	Toluene-d8	30.000	31.148	-3.8	86	0.00
64 M	Chlorobenzene	20.000	19.532	2.3	81	0.00
65	1,1,1,2-Tetrachloroethane	20.000	19.964	0.2	82	0.00
66 M	Ethyl Benzene	20.000	19.618	1.9	81	0.00
67 M	m/p-Xylenes	40.000	39.067	2.3	80	0.00
68 M	o-Xylene	20.000	19.138	4.3	80	0.00
69 M	Styrene	20.000	19.226	3.9	80	0.00
70	Isopropylbenzene	20.000	19.588	2.1	80	0.00
71 M	1,1,2,2-Tetrachloroethane	20.000	20.136	-0.7	84	0.00
72	1,2,3-Trichloropropane	20.000	20.126	-0.6	84	0.00
73	Bromobenzene	20.000	18.864	5.7	79	0.00
74	n-propylbenzene	20.000	19.941	0.3	83	0.00
75	2-Chlorotoluene	20.000	19.847	0.8	83	0.00
76	1,3,5-Trimethylbenzene	20.000	19.678	1.6	82	0.00
77	t-1,4-Dichloro-2-butene	20.000	16.995	15.0	75	0.00
78	4-Chlorotoluene	20.000	19.922	0.4	83	0.00
79	tert-butylbenzene	20.000	18.914	5.4	82	0.00
80	1,2,4-Trimethylbenzene	20.000	19.605	2.0	82	0.00
81	sec-Butylbenzene	20.000	19.873	0.6	82	0.00
82	p-Isopropyltoluene	20.000	19.747	1.3	83	0.00
83 M	1,3-Dichlorobenzene	20.000	19.224	3.9	82	0.00
84 M	1,4-Dichlorobenzene	20.000	19.017	4.9	80	0.00
85	n-Butylbenzene	20.000	19.645	1.8	83	0.00
86 T	Hexachloroethane	20.000	18.139	9.3	79	0.00
87 M	1,2-Dichlorobenzene	20.000	19.303	3.5	80	0.00
88	1,2-Dibromo-3-Chloropropane	20.000	18.500	7.5	83	0.00
89	1,2,4-Trichlorobenzene	20.000	19.215	3.9	82	0.00
90	Hexachlorobutadiene	20.000	20.433	-2.2	86	0.00
91 M	Naphthalene	20.000	18.670	6.6	81	0.00
92	1,2,3-Trichlorobenzene	20.000	19.505	2.5	84	0.00

(#) = Out of Range

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