

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\WX121620\
 Data File : VX020063.D
 Acq On : 16 Dec 2020 14:08
 Operator : JC/MD
 Sample : VSTDCCC020
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_X
 LabSampleId :
 VSTDCCC020

Quant Time: Dec 17 00:32:45 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	79	0.00
2 M	Dichlorodifluoromethane	20.000	17.504	12.5	67	0.00
3 M	Chloromethane	20.000	17.869	10.7	69	0.00
4 M	Vinyl Chloride	20.000	18.216	8.9	71	0.00
5 M	Bromomethane	20.000	25.667	-28.3	66	0.00
6 M	Chloroethane	20.000	19.471	2.6	77	0.00
7 M	Trichlorofluoromethane	20.000	18.605	7.0	73	0.00
8 T	Diethyl Ether	20.000	19.306	3.5	74	0.00
9	1,1,2-Trichlorotrifluoroeth	20.000	19.822	0.9	76	0.00
10 M	1,1-Dichloroethene	20.000	18.195	9.0	72	0.00
11	Methyl Iodide	20.000	14.236	28.8	61	0.00
12	Methyl Acetate	20.000	21.596	-8.0	87	0.00
13 M	Acrolein	100.000	96.632	3.4	83	0.00
14 M	Acrylonitrile	100.000	100.724	-0.7	82	0.00
15 M	Acetone	100.000	96.895	3.1	77	0.00
16 M	Carbon Disulfide	20.000	15.760	21.2	63	0.00
17	Allyl chloride	20.000	19.082	4.6	76	0.00
18 M	Methylene Chloride	20.000	19.691	1.5	77	0.00
19 M	trans-1,2-Dichloroethene	20.000	18.544	7.3	73	0.00
20 T	Diisopropyl ether	20.000	20.553	-2.8	80	0.00
21 M	1,1-Dichloroethane	20.000	19.888	0.6	77	0.00
22 M	cis-1,2-Dichloroethene	20.000	19.254	3.7	76	0.00
23 M	tert-Butyl Alcohol	100.000	89.727	10.3	78	0.00
24 M	Methyl tert-Butyl Ether	20.000	19.521	2.4	76	0.00
25 M	Chloroform	20.000	20.120	-0.6	78	0.00
26	Cyclohexane	20.000	18.217	8.9	72	0.00
27 s	1,2-Dichloroethane-d4	30.000	31.534	-5.1	83	0.00
28 I	1,4-Difluorobenzene	30.000	30.000	0.0	80	0.00
29	1,1-Dichloropropene	20.000	18.897	5.5	74	0.00
30 M	2-Butanone	100.000	99.649	0.4	80	0.00
31	2,2-Dichloropropane	20.000	18.713	6.4	73	0.00
32 M	1,1,1-Trichloroethane	20.000	19.478	2.6	76	0.00
33 M	Carbon Tetrachloride	20.000	18.651	6.7	73	0.00
34 M	Benzene	20.000	19.725	1.4	77	0.00
35	Methacrylonitrile	20.000	20.486	-2.4	81	0.00
36 M	1,2-Dichloroethane	20.000	20.106	-0.5	78	0.00
37 M	Trichloroethene	20.000	19.075	4.6	76	0.00
38	Methylcyclohexane	20.000	18.011	9.9	71	0.00
39 M	1,2-Dichloropropane	20.000	20.444	-2.2	81	0.00
40	Dibromomethane	20.000	19.441	2.8	77	0.00
41 M	Bromodichloromethane	20.000	19.562	2.2	77	0.00
42 M	Vinyl Acetate	100.000	100.035	-0.0	78	0.00
43	Ethyl Acetate	20.000	19.443	2.8	78	0.00
44	Isopropyl Acetate	20.000	19.445	2.8	77	0.00
45 T	1,4-Dioxane	400.000	356.616	10.8	71	0.00
46	Methyl methacrylate	20.000	19.292	3.5	77	0.00
47	n-aryl Acetate	20.000	18.403	8.0	76	0.00
48 M	t-1,3-Dichloropropene	20.000	18.554	7.2	74	0.00
49 T	cis-1,3-Dichloropropene	20.000	18.841	5.8	75	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
50 M	1,1,2-Trichloroethane	20.000	20.353	-1.8	80	0.00
51	Ethyl methacrylate	20.000	18.603	7.0	76	0.00
52	1,3-Dichloropropane	20.000	20.344	-1.7	80	0.00
53 M	Dibromochloromethane	20.000	18.657	6.7	75	0.00
54 M	1,2-Dibromoethane	20.000	19.583	2.1	76	0.00
55 M	2-Chloroethyl vinyl ether	100.000	98.536	1.5	76	0.00
56 M	Bromoform	20.000	16.942	15.3	69	0.00
57 I	Chlorobenzene-d5	30.000	30.000	0.0	81	0.00
58 M	4-Methyl-2-Pentanone	100.000	101.616	-1.6	82	0.00
59 M	2-Hexanone	100.000	96.815	3.2	79	0.00
60 S	4-Bromofluorobenzene	30.000	29.871	0.4	80	0.00
61 M	Tetrachloroethene	20.000	19.944	0.3	77	0.00
62 M	Toluene	20.000	19.610	2.0	76	0.00
63 S	Toluene-d8	30.000	30.919	-3.1	82	0.00
64 M	Chlorobenzene	20.000	19.190	4.0	75	0.00
65	1,1,1,2-Tetrachloroethane	20.000	19.599	2.0	77	0.00
66 M	Ethyl Benzene	20.000	18.874	5.6	74	0.00
67 M	m/p-Xylenes	40.000	38.029	4.9	74	0.00
68 M	o-Xylene	20.000	18.528	7.4	73	0.00
69 M	Styrene	20.000	18.773	6.1	74	0.00
70	Isopropylbenzene	20.000	19.260	3.7	75	0.00
71 M	1,1,2,2-Tetrachloroethane	20.000	19.713	1.4	78	0.00
72	1,2,3-Trichloropropane	20.000	19.798	1.0	78	0.00
73	Bromobenzene	20.000	18.466	7.7	73	0.00
74	n-propylbenzene	20.000	19.271	3.6	76	0.00
75	2-Chlorotoluene	20.000	19.284	3.6	77	0.00
76	1,3,5-Trimethylbenzene	20.000	19.363	3.2	77	0.00
77	t-1,4-Dichloro-2-butene	20.000	16.380	18.1	69	0.00
78	4-Chlorotoluene	20.000	19.153	4.2	76	0.00
79	tert-butylbenzene	20.000	18.564	7.2	76	0.00
80	1,2,4-Trimethylbenzene	20.000	19.017	4.9	75	0.00
81	sec-Butylbenzene	20.000	19.270	3.7	76	0.00
82	p-Isopropyltoluene	20.000	18.595	7.0	75	0.00
83 M	1,3-Dichlorobenzene	20.000	18.721	6.4	76	0.00
84 M	1,4-Dichlorobenzene	20.000	18.700	6.5	74	0.00
85	n-Butylbenzene	20.000	18.848	5.8	76	0.00
86 T	Hexachloroethane	20.000	17.649	11.8	74	0.00
87 M	1,2-Dichlorobenzene	20.000	18.926	5.4	75	0.00
88	1,2-Dibromo-3-Chloropropane	20.000	17.888	10.6	76	0.00
89	1,2,4-Trichlorobenzene	20.000	18.782	6.1	76	0.00
90	Hexachlorobutadiene	20.000	18.957	5.2	76	0.00
91 M	Naphthalene	20.000	18.528	7.4	76	0.00
92	1,2,3-Trichlorobenzene	20.000	19.183	4.1	78	0.00

(#) = Out of Range

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