

Data Path : Z:\voasrv\HPCHEM1\MSVOA X\Data\WX032620\
 Data File : VX015363.D
 Acq On : 26 Mar 2020 18:01
 Operator : JC/SP
 Sample : VSTDCCC020
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_X
 LabSampleId :
 VSTDCCC020

Quant Time: Mar 27 08:28:28 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA X\METHOD\624X032520W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Thu Mar 26 02:31:53 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	102	0.00
2 M	Dichlorodifluoromethane	20.000	18.021	9.9	100	0.00
3 M	Chloromethane	20.000	18.307	8.5	106	0.00
4 M	Vinyl Chloride	20.000	18.590	7.1	104	0.00
5 M	Bromomethane	20.000	25.646	-28.2	114	0.00
6 M	Chloroethane	20.000	18.618	6.9	101	0.00
7 M	Trichlorofluoromethane	20.000	18.624	6.9	101	0.00
8 T	Diethyl Ether	20.000	18.733	6.3	104	0.00
9	1,1,2-Trichlorotrifluoroeth	20.000	19.060	4.7	103	0.00
10 M	1,1-Dichloroethene	20.000	18.951	5.2	103	0.00
11	Methyl Iodide	20.000	13.923	30.4#	81	0.00
12	Methyl Acetate	20.000	20.557	-2.8	111	0.00
13 M	Acrolein	100.000	90.300	9.7	96	0.00
14 M	Acrylonitrile	100.000	101.635	-1.6	108	0.00
15 M	Acetone	100.000	101.719	-1.7	107	0.00
16 M	Carbon Disulfide	20.000	18.848	5.8	102	0.00
17	Allyl chloride	20.000	19.400	3.0	105	0.00
18 M	Methylene Chloride	20.000	19.373	3.1	105	0.00
19 M	trans-1,2-Dichloroethene	20.000	19.485	2.6	105	0.00
20 T	Diisopropyl ether	20.000	19.891	0.5	106	0.00
21 M	1,1-Dichloroethane	20.000	19.559	2.2	105	0.00
22 M	cis-1,2-Dichloroethene	20.000	18.919	5.4	103	0.00
23 M	tert-Butyl Alcohol	100.000	102.073	-2.1	107	0.00
24 M	Methyl tert-Butyl Ether	20.000	19.594	2.0	105	0.00
25 M	Chloroform	20.000	19.135	4.3	104	0.00
26	Cyclohexane	20.000	18.901	5.5	102	0.00
27 s	1,2-Dichloroethane-d4	30.000	31.131	-3.8	105	0.00
28 I	1,4-Difluorobenzene	30.000	30.000	0.0	102	0.00
29	1,1-Dichloropropene	20.000	19.563	2.2	105	0.00
30 M	2-Butanone	100.000	103.182	-3.2	108	0.00
31	2,2-Dichloropropane	20.000	19.209	4.0	101	0.00
32 M	1,1,1-Trichloroethane	20.000	19.291	3.5	103	0.00
33 M	Carbon Tetrachloride	20.000	18.920	5.4	101	0.00
34 M	Benzene	20.000	19.579	2.1	104	0.00
35	Methacrylonitrile	20.000	20.599	-3.0	110	0.00
36 M	1,2-Dichloroethane	20.000	20.171	-0.9	105	0.00
37 M	Trichloroethene	20.000	19.301	3.5	103	0.00
38	Methylcyclohexane	20.000	19.116	4.4	102	0.00
39 M	1,2-Dichloropropane	20.000	19.590	2.1	104	0.00
40	Dibromomethane	20.000	19.152	4.2	103	0.00
41 M	Bromodichloromethane	20.000	19.135	4.3	103	0.00
42 M	Vinyl Acetate	100.000	104.368	-4.4	106	0.00
43	Ethyl Acetate	20.000	18.386	8.1	106	0.00
44	Isopropyl Acetate	20.000	20.165	-0.8	107	0.00
45 T	1,4-Dioxane	400.000	378.214	5.4	98	0.00

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 Max. RRF Dev : 30% Max. Rel. Area : 150%

	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
46	Methyl methacrylate	20.000	19.797	1.0	105	0.00
47	n-amyl Acetate	20.000	19.313	3.4	105	0.00
48 M	t-1,3-Dichloropropene	20.000	19.134	4.3	103	0.00
49 T	cis-1,3-Dichloropropene	20.000	19.271	3.6	103	0.00
50 M	1,1,2-Trichloroethane	20.000	19.096	4.5	102	0.00
51	Ethyl methacrylate	20.000	19.564	2.2	106	0.00
52	1,3-Dichloropropane	20.000	19.174	4.1	101	0.00
53 M	Dibromochloromethane	20.000	18.333	8.3	99	0.00
54 M	1,2-Dibromoethane	20.000	19.383	3.1	103	0.00
55 M	2-Chloroethyl vinyl ether	100.000	96.816	3.2	100	0.00
56 M	Bromoform	20.000	18.494	7.5	101	0.00
57 I	Chlorobenzene-d5	30.000	30.000	0.0	103	0.00
58 M	4-Methyl-2-Pentanone	100.000	106.151	-6.2	108	0.00
59 M	2-Hexanone	100.000	104.538	-4.5	108	0.00
60 S	4-Bromofluorobenzene	30.000	30.597	-2.0	104	0.00
61 M	Tetrachloroethene	20.000	19.152	4.2	102	0.00
62 M	Toluene	20.000	19.626	1.9	104	0.00
63 S	Toluene-d8	30.000	30.560	-1.9	103	0.00
64 M	Chlorobenzene	20.000	19.325	3.4	105	0.00
65	1,1,1,2-Tetrachloroethane	20.000	18.911	5.4	103	0.00
66 M	Ethyl Benzene	20.000	19.796	1.0	104	0.00
67 M	m/p-Xylenes	40.000	38.944	2.6	104	0.00
68 M	o-Xylene	20.000	19.292	3.5	103	0.00
69 M	Styrene	20.000	19.170	4.1	102	0.00
70	Isopropylbenzene	20.000	19.542	2.3	103	0.00
71 M	1,1,2,2-Tetrachloroethane	20.000	19.750	1.3	107	0.00
72	1,2,3-Trichloropropane	20.000	19.952	0.2	106	0.00
73	Bromobenzene	20.000	18.912	5.4	104	0.00
74	n-propylbenzene	20.000	19.549	2.3	103	0.00
75	2-Chlorotoluene	20.000	19.488	2.6	103	0.00
76	1,3,5-Trimethylbenzene	20.000	19.438	2.8	103	0.00
77	t-1,4-Dichloro-2-butene	20.000	18.891	5.5	102	0.00
78	4-Chlorotoluene	20.000	19.478	2.6	103	0.00
79	tert-butylbenzene	20.000	18.679	6.6	100	0.00
80	1,2,4-Trimethylbenzene	20.000	19.238	3.8	102	0.00
81	sec-Butylbenzene	20.000	19.244	3.8	102	0.00
82	p-Isopropyltoluene	20.000	19.289	3.6	104	0.00
83 M	1,3-Dichlorobenzene	20.000	18.168	9.2	100	0.00
84 M	1,4-Dichlorobenzene	20.000	18.735	6.3	102	0.00
85	n-Butylbenzene	20.000	19.168	4.2	103	0.00
86 T	Hexachloroethane	20.000	18.741	6.3	105	0.00
87 M	1,2-Dichlorobenzene	20.000	18.849	5.8	103	0.00
88	1,2-Dibromo-3-Chloropropane	20.000	19.331	3.3	103	0.00
89	1,2,4-Trichlorobenzene	20.000	17.676	11.6	101	0.00
90	Hexachlorobutadiene	20.000	16.643	16.8	98	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
91 M	Naphthalene	20.000	19.713	1.4	105	0.00
92	1,2,3-Trichlorobenzene	20.000	17.839	10.8	100	0.00

(#) = Out of Range

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