

Data Path : Z:\voasrv\HPCHEM1\MSVOA X\Data\WX101619\
 Data File : VX013097.D
 Acq On : 16 Oct 2019 15:51
 Operator : JC/SP
 Sample : VSTDCCC020
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_X
 LabSampleId :
 VSTDCCC020

Quant Time: Oct 17 03:41:27 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA X\METHOD\624X101619W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Thu Oct 17 03:05:35 2019
 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	103	0.00
2 M	Dichlorodifluoromethane	20.000	16.936	15.3	89	0.00
3 M	Chloromethane	20.000	18.726	6.4	101	0.00
4 M	Vinyl Chloride	20.000	17.650	11.8	98	0.00
5 M	Bromomethane	20.000	21.042	-5.2	93	0.00
6 M	Chloroethane	20.000	18.508	7.5	94	0.00
7 M	Trichlorofluoromethane	20.000	17.074	14.6	92	0.00
8 T	Diethyl Ether	20.000	20.512	-2.6	108	0.00
9	1,1,2-Trichlorotrifluoroeth	20.000	17.099	14.5	94	0.00
10 M	1,1-Dichloroethene	20.000	17.397	13.0	95	0.00
11	Methyl Iodide	20.000	16.136	19.3	96	0.00
12	Methyl Acetate	20.000	19.880	0.6	109	0.00
13 M	Acrolein	100.000	88.434	11.6	98	0.00
14 M	Acrylonitrile	100.000	99.398	0.6	108	0.00
15 M	Acetone	100.000	96.967	3.0	90	0.00
16 M	Carbon Disulfide	20.000	16.777	16.1	94	0.00
17	Allyl chloride	20.000	19.020	4.9	104	0.00
18 M	Methylene Chloride	20.000	19.527	2.4	105	0.00
19 M	trans-1,2-Dichloroethene	20.000	19.151	4.2	103	0.00
20 T	Diisopropyl ether	20.000	20.304	-1.5	107	0.00
21 M	1,1-Dichloroethane	20.000	19.536	2.3	104	0.00
22 M	cis-1,2-Dichloroethene	20.000	19.626	1.9	108	0.00
23 M	tert-Butyl Alcohol	100.000	93.313	6.7	103	0.00
24 M	Methyl tert-Butyl Ether	20.000	20.324	-1.6	109	0.00
25 M	Chloroform	20.000	19.386	3.1	103	0.00
26	Cyclohexane	20.000	17.065	14.7	92	0.00
27 s	1,2-Dichloroethane-d4	30.000	29.426	1.9	101	0.00
28 I	1,4-Difluorobenzene	30.000	30.000	0.0	99	0.00
29	1,1-Dichloropropene	20.000	19.035	4.8	98	0.00
30 M	2-Butanone	100.000	106.993	-7.0	104	0.00
31	2,2-Dichloropropane	20.000	19.464	2.7	97	-0.01
32 M	1,1,1-Trichloroethane	20.000	19.434	2.8	100	0.00
33 M	Carbon Tetrachloride	20.000	18.711	6.4	96	0.00
34 M	Benzene	20.000	20.764	-3.8	103	0.00
35	Methacrylonitrile	20.000	21.909	-9.5	111	0.00
36 M	1,2-Dichloroethane	20.000	21.799	-9.0	109	0.00
37 M	Trichloroethene	20.000	20.093	-0.5	103	0.00
38	Methylcyclohexane	20.000	18.258	8.7	95	0.00
39 M	1,2-Dichloropropane	20.000	21.351	-6.8	106	0.00
40	Dibromomethane	20.000	21.876	-9.4	113	0.00
41 M	Bromodichloromethane	20.000	20.476	-2.4	105	0.00
42 M	Vinyl Acetate	100.000	109.224	-9.2	110	0.00
43	Ethyl Acetate	20.000	21.624	-8.1	114	0.00
44	Isopropyl Acetate	20.000	21.959	-9.8	109	0.00
45 T	1,4-Dioxane	400.000	432.200	-8.0	112	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
46	Methyl methacrylate	20.000	21.227	-6.1	110	0.00
47	n-amyl Acetate	20.000	20.587	-2.9	110	0.00
48 M	t-1,3-Dichloropropene	20.000	20.698	-3.5	110	0.00
49 T	cis-1,3-Dichloropropene	20.000	20.574	-2.9	106	0.00
50 M	1,1,2-Trichloroethane	20.000	21.046	-5.2	108	0.00
51	Ethyl methacrylate	20.000	21.184	-5.9	111	0.00
52	1,3-Dichloropropane	20.000	21.566	-7.8	108	0.00
53 M	Dibromochloromethane	20.000	20.426	-2.1	107	0.00
54 M	1,2-Dibromoethane	20.000	21.449	-7.2	107	0.00
55 M	2-Chloroethyl vinyl ether	100.000	103.393	-3.4	104	0.00
56 M	Bromoform	20.000	19.157	4.2	103	0.00
57 I	Chlorobenzene-d5	30.000	30.000	0.0	104	0.00
58 M	4-Methyl-2-Pentanone	100.000	102.387	-2.4	107	0.00
59 M	2-Hexanone	100.000	101.783	-1.8	105	0.00
60 S	4-Bromofluorobenzene	30.000	29.965	0.1	105	0.00
61 M	Tetrachloroethene	20.000	19.410	2.9	96	0.00
62 M	Toluene	20.000	19.827	0.9	104	0.00
63 S	Toluene-d8	30.000	29.434	1.9	100	0.00
64 M	Chlorobenzene	20.000	19.876	0.6	105	0.00
65	1,1,1,2-Tetrachloroethane	20.000	19.665	1.7	104	0.00
66 M	Ethyl Benzene	20.000	19.457	2.7	104	0.00
67 M	m/p-Xylenes	40.000	39.430	1.4	104	0.00
68 M	o-Xylene	20.000	19.772	1.1	105	0.00
69 M	Styrene	20.000	19.665	1.7	106	0.00
70	Isopropylbenzene	20.000	19.045	4.8	102	0.00
71 M	1,1,2,2-Tetrachloroethane	20.000	20.032	-0.2	106	0.00
72	1,2,3-Trichloropropane	20.000	20.256	-1.3	112	0.00
73	Bromobenzene	20.000	19.999	0.0	109	0.00
74	n-propylbenzene	20.000	19.117	4.4	102	0.00
75	2-Chlorotoluene	20.000	19.214	3.9	105	0.00
76	1,3,5-Trimethylbenzene	20.000	19.087	4.6	104	0.00
77	t-1,4-Dichloro-2-butene	20.000	18.907	5.5	112	0.00
78	4-Chlorotoluene	20.000	18.914	5.4	104	0.00
79	tert-butylbenzene	20.000	18.041	9.8	98	0.00
80	1,2,4-Trimethylbenzene	20.000	19.068	4.7	102	0.00
81	sec-Butylbenzene	20.000	17.488	12.6	96	0.00
82	p-Isopropyltoluene	20.000	18.097	9.5	101	0.00
83 M	1,3-Dichlorobenzene	20.000	19.673	1.6	105	0.00
84 M	1,4-Dichlorobenzene	20.000	19.208	4.0	106	0.00
85	n-Butylbenzene	20.000	17.442	12.8	98	0.00
86 T	Hexachloroethane	20.000	17.006	15.0	96	0.00
87 M	1,2-Dichlorobenzene	20.000	19.356	3.2	105	0.00
88	1,2-Dibromo-3-Chloropropane	20.000	19.495	2.5	110	0.00
89	1,2,4-Trichlorobenzene	20.000	18.718	6.4	104	0.00
90	Hexachlorobutadiene	20.000	17.369	13.2	100	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
91 M	Naphthalene	20.000	18.703	6.5	102	0.00
92	1,2,3-Trichlorobenzene	20.000	19.285	3.6	107	0.00

(#) = Out of Range

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