

Data Path : Z:\voasrv\HPCHEM1\MSVOA X\Data\WX120519\
 Data File : VX013766.D
 Acq On : 05 Dec 2019 10:27
 Operator : JC/SP
 Sample : VSTDCCC020
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_X
 LabSampleId :
 VSTDCCC020

Quant Time: Dec 06 02:37:27 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA X\METHOD\624X111119W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Tue Nov 12 01:16:13 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	98	0.00
2 M	Dichlorodifluoromethane	20.000	20.168	-0.8	102	0.00
3 M	Chloromethane	20.000	18.914	5.4	97	0.00
4 M	Vinyl Chloride	20.000	20.028	-0.1	103	0.00
5 M	Bromomethane	20.000	17.685	11.6	102	0.00
6 M	Chloroethane	20.000	19.798	1.0	104	0.00
7 M	Trichlorofluoromethane	20.000	20.328	-1.6	107	0.00
8 T	Diethyl Ether	20.000	20.046	-0.2	106	0.00
9	1,1,2-Trichlorotrifluoroeth	20.000	20.811	-4.1	109	0.00
10 M	1,1-Dichloroethene	20.000	19.587	2.1	104	0.00
11	Methyl Iodide	20.000	15.780	21.1	88	0.00
12	Methyl Acetate	20.000	18.465	7.7	97	0.00
13 M	Acrolein	100.000	85.641	14.4	90	0.00
14 M	Acrylonitrile	100.000	87.597	12.4	93	0.00
15 M	Acetone	100.000	113.811	-13.8	106	0.00
16 M	Carbon Disulfide	20.000	19.404	3.0	104	0.00
17	Allyl chloride	20.000	19.051	4.7	100	0.00
18 M	Methylene Chloride	20.000	19.593	2.0	106	0.00
19 M	trans-1,2-Dichloroethene	20.000	19.758	1.2	106	0.00
20 T	Diisopropyl ether	20.000	19.796	1.0	105	0.00
21 M	1,1-Dichloroethane	20.000	19.699	1.5	105	0.00
22 M	cis-1,2-Dichloroethene	20.000	19.590	2.1	105	0.00
23 M	tert-Butyl Alcohol	100.000	81.305	18.7	91	0.00
24 M	Methyl tert-Butyl Ether	20.000	19.819	0.9	105	0.00
25 M	Chloroform	20.000	19.702	1.5	104	0.00
26	Cyclohexane	20.000	19.525	2.4	105	0.00
27 s	1,2-Dichloroethane-d4	30.000	28.434	5.2	96	0.00
28 I	1,4-Difluorobenzene	30.000	30.000	0.0	98	0.00
29	1,1-Dichloropropene	20.000	20.543	-2.7	108	0.00
30 M	2-Butanone	100.000	96.666	3.3	95	0.00
31	2,2-Dichloropropane	20.000	21.086	-5.4	108	0.00
32 M	1,1,1-Trichloroethane	20.000	20.543	-2.7	106	0.00
33 M	Carbon Tetrachloride	20.000	20.532	-2.7	105	0.00
34 M	Benzene	20.000	20.413	-2.1	104	0.00
35	Methacrylonitrile	20.000	18.863	5.7	96	0.00
36 M	1,2-Dichloroethane	20.000	20.493	-2.5	105	0.00
37 M	Trichloroethene	20.000	21.192	-6.0	110	0.00
38	Methylcyclohexane	20.000	21.081	-5.4	110	0.00
39 M	1,2-Dichloropropane	20.000	20.033	-0.2	104	0.00
40	Dibromomethane	20.000	20.103	-0.5	103	0.00
41 M	Bromodichloromethane	20.000	20.422	-2.1	105	0.00
42 M	Vinyl Acetate	100.000	97.839	2.2	100	0.00
43	Ethyl Acetate	20.000	18.624	6.9	94	0.00
44	Isopropyl Acetate	20.000	18.782	6.1	98	0.00
45 T	1,4-Dioxane	400.000	340.406	14.9	89	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
46	Methyl methacrylate	20.000	18.942	5.3	100	0.00
47	n-amyl Acetate	20.000	18.655	6.7	100	0.00
48 M	t-1,3-Dichloropropene	20.000	19.702	1.5	106	0.00
49 T	cis-1,3-Dichloropropene	20.000	20.370	-1.9	106	0.00
50 M	1,1,2-Trichloroethane	20.000	20.569	-2.8	104	0.00
51	Ethyl methacrylate	20.000	19.378	3.1	104	0.00
52	1,3-Dichloropropane	20.000	20.062	-0.3	102	0.00
53 M	Dibromochloromethane	20.000	20.456	-2.3	108	0.00
54 M	1,2-Dibromoethane	20.000	19.864	0.7	101	0.00
55 M	2-Chloroethyl vinyl ether	100.000	106.460	-6.5	108	0.00
56 M	Bromoform	20.000	19.511	2.4	107	0.00
57 I	Chlorobenzene-d5	30.000	30.000	0.0	98	0.00
58 M	4-Methyl-2-Pentanone	100.000	93.496	6.5	95	0.00
59 M	2-Hexanone	100.000	93.331	6.7	94	0.00
60 S	4-Bromofluorobenzene	30.000	29.799	0.7	99	0.00
61 M	Tetrachloroethene	20.000	21.857	-9.3	114	0.00
62 M	Toluene	20.000	20.761	-3.8	105	0.00
63 S	Toluene-d8	30.000	30.171	-0.6	98	0.00
64 M	Chlorobenzene	20.000	20.794	-4.0	108	0.00
65	1,1,1,2-Tetrachloroethane	20.000	20.586	-2.9	108	0.00
66 M	Ethyl Benzene	20.000	20.730	-3.7	107	0.00
67 M	m/p-Xylenes	40.000	41.561	-3.9	108	0.00
68 M	o-Xylene	20.000	20.663	-3.3	108	0.00
69 M	Styrene	20.000	20.634	-3.2	107	0.00
70	Isopropylbenzene	20.000	21.126	-5.6	109	0.00
71 M	1,1,2,2-Tetrachloroethane	20.000	19.390	3.0	100	0.00
72	1,2,3-Trichloropropane	20.000	18.752	6.2	104	0.00
73	Bromobenzene	20.000	20.720	-3.6	109	0.00
74	n-propylbenzene	20.000	21.080	-5.4	110	0.00
75	2-Chlorotoluene	20.000	20.911	-4.6	109	0.00
76	1,3,5-Trimethylbenzene	20.000	20.857	-4.3	108	0.00
77	t-1,4-Dichloro-2-butene	20.000	18.248	8.8	100	0.00
78	4-Chlorotoluene	20.000	20.584	-2.9	109	0.00
79	tert-butylbenzene	20.000	20.202	-1.0	105	0.00
80	1,2,4-Trimethylbenzene	20.000	20.874	-4.4	109	0.00
81	sec-Butylbenzene	20.000	21.328	-6.6	112	0.00
82	p-Isopropyltoluene	20.000	21.317	-6.6	112	0.00
83 M	1,3-Dichlorobenzene	20.000	20.586	-2.9	111	0.00
84 M	1,4-Dichlorobenzene	20.000	20.720	-3.6	111	0.00
85	n-Butylbenzene	20.000	20.705	-3.5	112	0.00
86 T	Hexachloroethane	20.000	20.282	-1.4	112	0.00
87 M	1,2-Dichlorobenzene	20.000	20.741	-3.7	109	0.00
88	1,2-Dibromo-3-Chloropropane	20.000	17.887	10.6	98	0.00
89	1,2,4-Trichlorobenzene	20.000	20.406	-2.0	111	0.00
90	Hexachlorobutadiene	20.000	20.920	-4.6	113	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
91 M	Naphthalene	20.000	19.277	3.6	103	0.00
92	1,2,3-Trichlorobenzene	20.000	20.135	-0.7	108	0.00

(#) = Out of Range

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