

Data Path : Z:\voasrv\HPCHEM1\MSVOA X\Data\WX022219\
 Data File : VX007646.D
 Acq On : 22 Feb 2019 08:31
 Operator : JC/SP
 Sample : VSTDCCC020
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 LabSampleId :
 VSTDCCC020

Quant Time: Feb 22 13:06:54 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA X\METHOD\624X021319W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Wed Feb 13 07:51:18 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	108	0.00
2 M	Dichlorodifluoromethane	20.000	22.878	-14.4	125	0.00
3 M	Chloromethane	20.000	22.123	-10.6	119	0.00
4 M	Vinyl Chloride	20.000	20.858	-4.3	116	0.00
5 M	Bromomethane	20.000	19.926	0.4	124	0.00
6 M	Chloroethane	20.000	18.964	5.2	110	0.00
7 M	Trichlorofluoromethane	20.000	20.740	-3.7	115	0.00
8 T	Diethyl Ether	20.000	18.557	7.2	103	0.00
9	1,1,2-Trichlorotrifluoroeth	20.000	21.632	-8.2	121	0.00
10 M	1,1-Dichloroethene	20.000	19.846	0.8	109	0.00
11	Methyl Iodide	20.000	21.358	-6.8	124	0.00
12	Methyl Acetate	20.000	17.594	12.0	102	0.00
13 M	Acrolein	100.000	61.477	38.5#	72	0.00
14 M	Acrylonitrile	100.000	91.776	8.2	101	0.00
15 M	Acetone	100.000	121.342	-21.3	133	0.00
16 M	Carbon Disulfide	20.000	19.695	1.5	112	0.00
17	Allyl chloride	20.000	18.675	6.6	107	0.00
18 M	Methylene Chloride	20.000	19.606	2.0	109	0.00
19 M	trans-1,2-Dichloroethene	20.000	19.657	1.7	111	0.00
20 T	Diisopropyl ether	20.000	20.191	-1.0	112	0.00
21 M	1,1-Dichloroethane	20.000	20.447	-2.2	113	0.00
22 M	cis-1,2-Dichloroethene	20.000	20.325	-1.6	111	-0.01
23 M	tert-Butyl Alcohol	100.000	92.881	7.1	104	-0.01
24 M	Methyl tert-Butyl Ether	20.000	18.479	7.6	103	0.00
25 M	Chloroform	20.000	20.844	-4.2	116	0.00
26	Cyclohexane	20.000	21.604	-8.0	119	0.00
27 s	1,2-Dichloroethane-d4	30.000	30.422	-1.4	110	0.00
28 I	1,4-Difluorobenzene	30.000	30.000	0.0	109	0.00
29	1,1-Dichloropropene	20.000	21.218	-6.1	117	0.00
30 M	2-Butanone	100.000	109.814	-9.8	119	0.00
31	2,2-Dichloropropane	20.000	26.440	-32.2#	147	0.00
32 M	1,1,1-Trichloroethane	20.000	20.910	-4.6	116	0.00
33 M	Carbon Tetrachloride	20.000	21.335	-6.7	122	0.00
34 M	Benzene	20.000	20.521	-2.6	113	0.00
35	Methacrylonitrile	20.000	19.602	2.0	110	0.00
36 M	1,2-Dichloroethane	20.000	20.545	-2.7	114	0.00
37 M	Trichloroethene	20.000	20.862	-4.3	115	0.00
38	Methylcyclohexane	20.000	22.905	-14.5	128	0.00
39 M	1,2-Dichloropropane	20.000	20.168	-0.8	112	0.00
40	Dibromomethane	20.000	20.909	-4.5	113	0.00
41 M	Bromodichloromethane	20.000	20.814	-4.1	119	0.00
42 M	Vinyl Acetate	100.000	105.384	-5.4	114	0.00
43	Ethyl Acetate	20.000	20.021	-0.1	109	-0.01
44	Isopropyl Acetate	20.000	19.578	2.1	111	0.00
45 T	1,4-Dioxane	400.000	411.073	-2.8	112	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
46	Methyl methacrylate	20.000	20.486	-2.4	115	0.00
47	n-amyl Acetate	20.000	20.935	-4.7	119	0.00
48 M	t-1,3-Dichloropropene	20.000	21.710	-8.6	128	0.00
49 T	cis-1,3-Dichloropropene	20.000	21.807	-9.0	124	0.00
50 M	1,1,2-Trichloroethane	20.000	20.880	-4.4	114	0.00
51	Ethyl methacrylate	20.000	20.237	-1.2	111	0.00
52	1,3-Dichloropropane	20.000	21.069	-5.3	115	0.00
53 M	Dibromochloromethane	20.000	20.984	-4.9	121	0.00
54 M	1,2-Dibromoethane	20.000	20.965	-4.8	115	0.00
55 M	2-Chloroethyl vinyl ether	100.000	110.767	-10.8	123	0.00
56 M	Bromoform	20.000	20.899	-4.5	123	0.00
57 I	Chlorobenzene-d5	30.000	30.000	0.0	112	0.00
58 M	4-Methyl-2-Pentanone	100.000	100.660	-0.7	111	0.00
59 M	2-Hexanone	100.000	107.559	-7.6	120	0.00
60 S	4-Bromofluorobenzene	30.000	31.455	-4.8	116	0.00
61 M	Tetrachloroethene	20.000	21.890	-9.5	123	0.00
62 M	Toluene	20.000	20.597	-3.0	117	0.00
63 S	Toluene-d8	30.000	29.961	0.1	110	0.00
64 M	Chlorobenzene	20.000	21.009	-5.0	118	0.00
65	1,1,1,2-Tetrachloroethane	20.000	20.723	-3.6	119	0.00
66 M	Ethyl Benzene	20.000	21.108	-5.5	121	0.00
67 M	m/p-Xylenes	40.000	42.664	-6.7	123	0.00
68 M	o-Xylene	20.000	21.076	-5.4	121	0.00
69 M	Styrene	20.000	21.383	-6.9	124	0.00
70	Isopropylbenzene	20.000	21.625	-8.1	124	0.00
71 M	1,1,2,2-Tetrachloroethane	20.000	20.410	-2.1	114	0.00
72	1,2,3-Trichloropropane	20.000	22.031	-10.2	123	0.00
73	Bromobenzene	20.000	21.396	-7.0	122	0.00
74	n-propylbenzene	20.000	22.210	-11.1	128	0.00
75	2-Chlorotoluene	20.000	21.632	-8.2	124	0.00
76	1,3,5-Trimethylbenzene	20.000	22.042	-10.2	127	0.00
77	t-1,4-Dichloro-2-butene	20.000	21.509	-7.5	134	0.00
78	4-Chlorotoluene	20.000	22.117	-10.6	130	0.00
79	tert-butylbenzene	20.000	22.382	-11.9	130	0.00
80	1,2,4-Trimethylbenzene	20.000	21.940	-9.7	126	0.00
81	sec-Butylbenzene	20.000	22.089	-10.4	127	0.00
82	p-Isopropyltoluene	20.000	22.382	-11.9	130	0.00
83 M	1,3-Dichlorobenzene	20.000	22.456	-12.3	129	0.00
84 M	1,4-Dichlorobenzene	20.000	22.309	-11.5	127	0.00
85	n-Butylbenzene	20.000	22.912	-14.6	137	0.00
86 T	Hexachloroethane	20.000	21.577	-7.9	129	0.00
87 M	1,2-Dichlorobenzene	20.000	21.802	-9.0	124	0.00
88	1,2-Dibromo-3-Chloropropane	20.000	20.416	-2.1	122	0.00
89	1,2,4-Trichlorobenzene	20.000	22.224	-11.1	132	0.00
90	Hexachlorobutadiene	20.000	23.853	-19.3	140	0.00

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	Compound	Amount	Calc.	%Dev	Area	% Dev(min)
91 M	Naphthalene	20.000	20.724	-3.6	121	0.00
92	1,2,3-Trichlorobenzene	20.000	21.324	-6.6	126	0.00

(#) = Out of Range

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