

Data Path : Z:\voasrv\HPCHEM1\MSVOA X\Data\VX011520\
 Data File : VX014614.D
 Acq On : 15 Jan 2020 12:59
 Operator : JC/SP
 Sample : VSTDICV020
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 ICVVX011520

Quant Time: Jan 16 01:23:09 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA X\METHOD\624X011520W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Wed Jan 15 12:41:12 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	98	0.00
2 M	Dichlorodifluoromethane	20.000	22.970	-14.8	112	0.00
3 M	Chloromethane	20.000	23.666	-18.3	116	0.00
4 M	Vinyl Chloride	20.000	22.435	-12.2	111	0.00
5 M	Bromomethane	20.000	22.343	-11.7	132	0.00
6 M	Chloroethane	20.000	22.274	-11.4	109	0.02
7 M	Trichlorofluoromethane	20.000	21.633	-8.2	112	0.00
8 T	Diethyl Ether	20.000	21.476	-7.4	112	0.00
9	1,1,2-Trichlorotrifluoroeth	20.000	22.635	-13.2	115	0.00
10 M	1,1-Dichloroethene	20.000	22.186	-10.9	116	0.00
11	Methyl Iodide	20.000	17.774	11.1	95	0.00
12	Methyl Acetate	20.000	21.334	-6.7	107	0.00
13 M	Acrolein	100.000	97.784	2.2	100	0.00
14 M	Acrylonitrile	100.000	102.588	-2.6	103	0.00
15 M	Acetone	100.000	100.882	-0.9	97	0.00
16 M	Carbon Disulfide	20.000	23.296	-16.5	123	0.00
17	Allyl chloride	20.000	21.212	-6.1	111	0.00
18 M	Methylene Chloride	20.000	21.938	-9.7	111	0.00
19 M	trans-1,2-Dichloroethene	20.000	22.276	-11.4	116	0.00
20 T	Diisopropyl ether	20.000	21.692	-8.5	111	0.00
21 M	1,1-Dichloroethane	20.000	21.353	-6.8	110	0.00
22 M	cis-1,2-Dichloroethene	20.000	21.729	-8.6	113	0.00
23 M	tert-Butyl Alcohol	100.000	106.178	-6.2	112	-0.02
24 M	Methyl tert-Butyl Ether	20.000	21.794	-9.0	112	0.00
25 M	Chloroform	20.000	21.345	-6.7	110	0.00
26	Cyclohexane	20.000	22.180	-10.9	115	0.00
27 s	1,2-Dichloroethane-d4	30.000	30.183	-0.6	99	0.00
28 I	1,4-Difluorobenzene	30.000	30.000	0.0	103	0.00
29	1,1-Dichloropropene	20.000	21.635	-8.2	117	0.00
30 M	2-Butanone	100.000	99.218	0.8	103	-0.01
31	2,2-Dichloropropane	20.000	21.644	-8.2	118	0.00
32 M	1,1,1-Trichloroethane	20.000	21.059	-5.3	115	0.00
33 M	Carbon Tetrachloride	20.000	21.074	-5.4	115	0.00
34 M	Benzene	20.000	21.198	-6.0	112	0.00
35	Methacrylonitrile	20.000	19.633	1.8	104	0.00
36 M	1,2-Dichloroethane	20.000	20.341	-1.7	107	0.00
37 M	Trichloroethene	20.000	21.473	-7.4	114	0.00
38	Methylcyclohexane	20.000	22.067	-10.3	118	0.00
39 M	1,2-Dichloropropane	20.000	21.007	-5.0	112	0.00
40	Dibromomethane	20.000	20.593	-3.0	111	0.00
41 M	Bromodichloromethane	20.000	20.184	-0.9	111	0.00
42 M	Vinyl Acetate	100.000	105.580	-5.6	113	0.00
43	Ethyl Acetate	20.000	19.157	4.2	100	-0.01
44	Isopropyl Acetate	20.000	20.296	-1.5	109	0.00
45 T	1,4-Dioxane	400.000	420.086	-5.0	108	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
46	Methyl methacrylate	20.000	20.426	-2.1	110	0.00
47	n-amyl Acetate	20.000	20.205	-1.0	115	0.00
48 M	t-1,3-Dichloropropene	20.000	21.164	-5.8	117	0.00
49 T	cis-1,3-Dichloropropene	20.000	21.278	-6.4	117	0.00
50 M	1,1,2-Trichloroethane	20.000	20.868	-4.3	110	0.00
51	Ethyl methacrylate	20.000	20.662	-3.3	116	0.00
52	1,3-Dichloropropane	20.000	20.546	-2.7	110	0.00
53 M	Dibromochloromethane	20.000	21.217	-6.1	118	0.00
54 M	1,2-Dibromoethane	20.000	20.970	-4.8	111	0.00
55 M	2-Chloroethyl vinyl ether	100.000	108.185	-8.2	118	0.00
56 M	Bromoform	20.000	19.464	2.7	108	0.00
57 I	Chlorobenzene-d5	30.000	30.000	0.0	103	0.00
58 M	4-Methyl-2-Pentanone	100.000	102.160	-2.2	107	0.00
59 M	2-Hexanone	100.000	102.225	-2.2	106	0.00
60 S	4-Bromofluorobenzene	30.000	29.864	0.5	103	0.00
61 M	Tetrachloroethene	20.000	20.675	-3.4	109	0.00
62 M	Toluene	20.000	21.426	-7.1	113	0.00
63 S	Toluene-d8	30.000	30.316	-1.1	103	0.00
64 M	Chlorobenzene	20.000	21.676	-8.4	115	0.00
65	1,1,1,2-Tetrachloroethane	20.000	20.714	-3.6	110	0.00
66 M	Ethyl Benzene	20.000	21.667	-8.3	116	0.00
67 M	m/p-Xylenes	40.000	43.599	-9.0	116	0.00
68 M	o-Xylene	20.000	21.196	-6.0	114	0.00
69 M	Styrene	20.000	21.354	-6.8	116	0.00
70	Isopropylbenzene	20.000	21.901	-9.5	118	0.00
71 M	1,1,2,2-Tetrachloroethane	20.000	20.488	-2.4	109	0.00
72	1,2,3-Trichloropropane	20.000	20.636	-3.2	110	0.00
73	Bromobenzene	20.000	21.388	-6.9	115	0.00
74	n-propylbenzene	20.000	22.044	-10.2	120	0.00
75	2-Chlorotoluene	20.000	21.489	-7.4	116	0.00
76	1,3,5-Trimethylbenzene	20.000	21.631	-8.2	117	0.00
77	t-1,4-Dichloro-2-butene	20.000	19.862	0.7	115	0.00
78	4-Chlorotoluene	20.000	21.812	-9.1	119	0.00
79	tert-butylbenzene	20.000	21.963	-9.8	120	0.00
80	1,2,4-Trimethylbenzene	20.000	21.530	-7.7	115	0.00
81	sec-Butylbenzene	20.000	22.039	-10.2	121	0.00
82	p-Isopropyltoluene	20.000	21.760	-8.8	118	0.00
83 M	1,3-Dichlorobenzene	20.000	21.760	-8.8	118	0.00
84 M	1,4-Dichlorobenzene	20.000	21.761	-8.8	121	0.00
85	n-Butylbenzene	20.000	21.877	-9.4	125	0.00
86 T	Hexachloroethane	20.000	20.660	-3.3	117	0.00
87 M	1,2-Dichlorobenzene	20.000	21.473	-7.4	116	0.00
88	1,2-Dibromo-3-Chloropropane	20.000	20.407	-2.0	111	0.00
89	1,2,4-Trichlorobenzene	20.000	22.296	-11.5	126	0.00
90	Hexachlorobutadiene	20.000	22.504	-12.5	125	0.00

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	Compound	Amount	Calc.	%Dev	Area	% Dev(min)
91 M	Naphthalene	20.000	21.265	-6.3	116	0.00
92	1,2,3-Trichlorobenzene	20.000	21.418	-7.1	119	0.00

(#) = Out of Range

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