

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX012420\
 Data File : VX014690.D
 Acq On : 24 Jan 2020 11:56
 Operator : JC/SP
 Sample : VSTDCCC020
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_X
 LabSampleId :
 VSTDCCC020

Quant Time: Jan 24 22:41:49 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	89	0.00
2 M	Dichlorodifluoromethane	20.000	17.745	11.3	79	0.00
3 M	Chloromethane	20.000	18.803	6.0	84	0.00
4 M	Vinyl Chloride	20.000	18.180	9.1	82	0.00
5 M	Bromomethane	20.000	18.148	9.3	98	0.00
6 M	Chloroethane	20.000	18.744	6.3	83	0.01
7 M	Trichlorofluoromethane	20.000	17.976	10.1	85	0.00
8 T	Diethyl Ether	20.000	20.578	-2.9	98	0.00
9	1,1,2-Trichlorotrifluoroeth	20.000	18.056	9.7	84	0.00
10 M	1,1-Dichloroethene	20.000	17.876	10.6	85	0.00
11	Methyl Iodide	20.000	18.871	5.6	92	0.00
12	Methyl Acetate	20.000	21.275	-6.4	98	0.00
13 M	Acrolein	100.000	120.136	-20.1	112	0.00
14 M	Acrylonitrile	100.000	100.417	-0.4	92	0.00
15 M	Acetone	100.000	103.389	-3.4	91	0.00
16 M	Carbon Disulfide	20.000	17.607	12.0	85	0.00
17	Allyl chloride	20.000	18.739	6.3	90	0.00
18 M	Methylene Chloride	20.000	20.596	-3.0	96	0.00
19 M	trans-1,2-Dichloroethene	20.000	18.706	6.5	89	0.00
20 T	Diisopropyl ether	20.000	20.714	-3.6	97	0.00
21 M	1,1-Dichloroethane	20.000	19.519	2.4	92	0.00
22 M	cis-1,2-Dichloroethene	20.000	19.670	1.6	94	0.00
23 M	tert-Butyl Alcohol	100.000	100.373	-0.4	96	-0.02
24 M	Methyl tert-Butyl Ether	20.000	20.665	-3.3	97	0.00
25 M	Chloroform	20.000	20.294	-1.5	96	0.00
26	Cyclohexane	20.000	17.353	13.2	82	0.00
27 s	1,2-Dichloroethane-d4	30.000	30.808	-2.7	93	0.00
28 I	1,4-Difluorobenzene	30.000	30.000	0.0	88	0.00
29	1,1-Dichloropropene	20.000	18.668	6.7	87	0.00
30 M	2-Butanone	100.000	104.771	-4.8	93	-0.01
31	2,2-Dichloropropane	20.000	19.283	3.6	90	0.00
32 M	1,1,1-Trichloroethane	20.000	19.155	4.2	90	0.00
33 M	Carbon Tetrachloride	20.000	18.307	8.5	86	0.00
34 M	Benzene	20.000	20.115	-0.6	91	0.00
35	Methacrylonitrile	20.000	20.293	-1.5	92	0.00
36 M	1,2-Dichloroethane	20.000	21.329	-6.6	97	0.00
37 M	Trichloroethene	20.000	19.613	1.9	90	0.00
38	Methylcyclohexane	20.000	17.870	10.6	82	0.00
39 M	1,2-Dichloropropane	20.000	20.459	-2.3	94	0.00
40	Dibromomethane	20.000	21.017	-5.1	98	0.00
41 M	Bromodichloromethane	20.000	20.532	-2.7	97	0.00
42 M	Vinyl Acetate	100.000	104.790	-4.8	97	0.00
43	Ethyl Acetate	20.000	20.723	-3.6	93	-0.01
44	Isopropyl Acetate	20.000	20.804	-4.0	96	0.00
45 T	1,4-Dioxane	400.000	416.005	-4.0	92	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
46	Methyl methacrylate	20.000	20.432	-2.2	95	0.00
47	n-amyl Acetate	20.000	19.793	1.0	97	0.00
48 M	t-1,3-Dichloropropene	20.000	20.755	-3.8	98	0.00
49 T	cis-1,3-Dichloropropene	20.000	20.545	-2.7	97	0.00
50 M	1,1,2-Trichloroethane	20.000	20.846	-4.2	94	0.00
51	Ethyl methacrylate	20.000	20.260	-1.3	98	0.00
52	1,3-Dichloropropane	20.000	20.886	-4.4	96	0.00
53 M	Dibromochloromethane	20.000	20.839	-4.2	100	0.00
54 M	1,2-Dibromoethane	20.000	21.332	-6.7	97	0.00
55 M	2-Chloroethyl vinyl ether	100.000	97.610	2.4	91	0.00
56 M	Bromoform	20.000	20.323	-1.6	97	0.00
57 I	Chlorobenzene-d5	30.000	30.000	0.0	91	0.00
58 M	4-Methyl-2-Pentanone	100.000	102.734	-2.7	94	0.00
59 M	2-Hexanone	100.000	103.474	-3.5	95	0.00
60 S	4-Bromofluorobenzene	30.000	30.182	-0.6	92	0.00
61 M	Tetrachloroethene	20.000	19.438	2.8	90	0.00
62 M	Toluene	20.000	19.849	0.8	92	0.00
63 S	Toluene-d8	30.000	29.883	0.4	89	0.00
64 M	Chlorobenzene	20.000	20.032	-0.2	94	0.00
65	1,1,1,2-Tetrachloroethane	20.000	19.692	1.5	92	0.00
66 M	Ethyl Benzene	20.000	19.318	3.4	91	0.00
67 M	m/p-Xylenes	40.000	39.159	2.1	92	0.00
68 M	o-Xylene	20.000	19.441	2.8	92	0.00
69 M	Styrene	20.000	19.998	0.0	96	0.00
70	Isopropylbenzene	20.000	19.142	4.3	91	0.00
71 M	1,1,2,2-Tetrachloroethane	20.000	20.202	-1.0	94	0.00
72	1,2,3-Trichloropropane	20.000	20.330	-1.6	96	0.00
73	Bromobenzene	20.000	19.862	0.7	94	0.00
74	n-propylbenzene	20.000	19.243	3.8	92	0.00
75	2-Chlorotoluene	20.000	19.638	1.8	94	0.00
76	1,3,5-Trimethylbenzene	20.000	19.407	3.0	92	0.00
77	t-1,4-Dichloro-2-butene	20.000	18.759	6.2	96	0.00
78	4-Chlorotoluene	20.000	19.689	1.6	94	0.00
79	tert-butylbenzene	20.000	18.924	5.4	91	0.00
80	1,2,4-Trimethylbenzene	20.000	19.719	1.4	93	0.00
81	sec-Butylbenzene	20.000	18.780	6.1	91	0.00
82	p-Isopropyltoluene	20.000	18.894	5.5	90	0.00
83 M	1,3-Dichlorobenzene	20.000	19.839	0.8	95	0.00
84 M	1,4-Dichlorobenzene	20.000	19.909	0.5	97	0.00
85	n-Butylbenzene	20.000	18.045	9.8	91	0.00
86 T	Hexachloroethane	20.000	18.443	7.8	92	0.00
87 M	1,2-Dichlorobenzene	20.000	20.022	-0.1	96	0.00
88	1,2-Dibromo-3-Chloropropane	20.000	19.956	0.2	96	0.00
89	1,2,4-Trichlorobenzene	20.000	19.712	1.4	98	0.00
90	Hexachlorobutadiene	20.000	18.592	7.0	91	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
91 M	Naphthalene	20.000	19.333	3.3	93	0.00
92	1,2,3-Trichlorobenzene	20.000	20.001	-0.0	98	0.00

(#) = Out of Range

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