

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX070820\
 Data File : VX017295.D
 Acq On : 09 Jul 2020 06:36
 Operator : JC/SP
 Sample : VSTDCCC020
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 54 Sample Multiplier: 1

Instrument :
 MSVOA_X
 LabSampleId :
 VSTDCCC020

Quant Time: Jul 09 07:15:56 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA X\METHOD\624X062520W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Fri Jun 26 09:03:25 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	124	0.00
2 M	Dichlorodifluoromethane	20.000	19.145	4.3	137	0.00
3 M	Chloromethane	20.000	14.837	25.8	93	0.00
4 M	Vinyl Chloride	20.000	14.730	26.3	94	0.00
5 M	Bromomethane	20.000	15.213	23.9	91	0.00
6 M	Chloroethane	20.000	14.645	26.8	94	0.00
7 M	Trichlorofluoromethane	20.000	16.389	18.1	106	0.00
8 T	Diethyl Ether	20.000	14.632	26.8	94	0.00
9	1,1,2-Trichlorotrifluoroeth	20.000	16.664	16.7	108	0.00
10 M	1,1-Dichloroethene	20.000	16.765	16.2	107	0.00
11	Methyl Iodide	20.000	11.902	40.5#	88	0.00
12	Methyl Acetate	20.000	17.834	10.8	115	0.00
13 M	Acrolein	100.000	83.877	16.1	111	0.00
14 M	Acrylonitrile	100.000	83.362	16.6	105	0.00
15 M	Acetone	100.000	88.198	11.8	113	0.00
16 M	Carbon Disulfide	20.000	14.664	26.7	95	0.00
17	Allyl chloride	20.000	15.145	24.3	95	0.00
18 M	Methylene Chloride	20.000	16.340	18.3	105	0.00
19 M	trans-1,2-Dichloroethene	20.000	16.452	17.7	107	0.00
20 T	Diisopropyl ether	20.000	16.006	20.0	103	0.00
21 M	1,1-Dichloroethane	20.000	16.476	17.6	105	0.00
22 M	cis-1,2-Dichloroethene	20.000	16.641	16.8	107	0.00
23 M	tert-Butyl Alcohol	100.000	78.458	21.5	100	0.00
24 M	Methyl tert-Butyl Ether	20.000	16.716	16.4	107	0.00
25 M	Chloroform	20.000	17.045	14.8	109	0.00
26	Cyclohexane	20.000	14.595	27.0	93	0.00
27 s	1,2-Dichloroethane-d4	30.000	27.905	7.0	114	0.00
28 I	1,4-Difluorobenzene	30.000	30.000	0.0	118	0.00
29	1,1-Dichloropropene	20.000	16.922	15.4	104	0.00
30 M	2-Butanone	100.000	87.894	12.1	105	0.00
31	2,2-Dichloropropane	20.000	11.691	41.5#	71	0.00
32 M	1,1,1-Trichloroethane	20.000	18.699	6.5	114	0.00
33 M	Carbon Tetrachloride	20.000	19.005	5.0	116	0.00
34 M	Benzene	20.000	17.487	12.6	106	0.00
35	Methacrylonitrile	20.000	17.544	12.3	106	0.00
36 M	1,2-Dichloroethane	20.000	17.830	10.9	109	0.00
37 M	Trichloroethene	20.000	18.573	7.1	112	0.00
38	Methylcyclohexane	20.000	15.013	24.9	94	0.00
39 M	1,2-Dichloropropane	20.000	17.130	14.4	106	0.00
40	Dibromomethane	20.000	18.185	9.1	111	0.00
41 M	Bromodichloromethane	20.000	17.997	10.0	109	0.00
42 M	Vinyl Acetate	100.000	82.472	17.5	100	0.00
43	Ethyl Acetate	20.000	17.044	14.8	103	0.00
44	Isopropyl Acetate	20.000	16.552	17.2	102	0.00
45 T	1,4-Dioxane	400.000	320.492	19.9	95	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
46	Methyl methacrylate	20.000	17.438	12.8	107	0.00
47	n-amyl Acetate	20.000	16.181	19.1	104	0.00
48 M	t-1,3-Dichloropropene	20.000	16.274	18.6	103	0.00
49 T	cis-1,3-Dichloropropene	20.000	16.316	18.4	100	0.00
50 M	1,1,2-Trichloroethane	20.000	18.724	6.4	116	0.00
51	Ethyl methacrylate	20.000	17.115	14.4	107	0.00
52	1,3-Dichloropropane	20.000	18.429	7.9	109	0.00
53 M	Dibromochloromethane	20.000	19.606	2.0	123	0.00
54 M	1,2-Dibromoethane	20.000	19.197	4.0	119	0.00
55 M	2-Chloroethyl vinyl ether	100.000	91.073	8.9	112	0.00
56 M	Bromoform	20.000	21.541	-7.7	139	0.00
57 I	Chlorobenzene-d5	30.000	30.000	0.0	123	0.00
58 M	4-Methyl-2-Pentanone	100.000	85.293	14.7	108	0.00
59 M	2-Hexanone	100.000	84.454	15.5	107	0.00
60 S	4-Bromofluorobenzene	30.000	30.448	-1.5	128	0.00
61 M	Tetrachloroethene	20.000	19.592	2.0	127	0.00
62 M	Toluene	20.000	16.873	15.6	107	0.00
63 S	Toluene-d8	30.000	28.869	3.8	118	0.00
64 M	Chlorobenzene	20.000	17.926	10.4	116	0.00
65	1,1,1,2-Tetrachloroethane	20.000	19.339	3.3	124	0.00
66 M	Ethyl Benzene	20.000	16.637	16.8	107	0.00
67 M	m/p-Xylenes	40.000	34.373	14.1	112	0.00
68 M	o-Xylene	20.000	16.633	16.8	107	0.00
69 M	Styrene	20.000	17.442	12.8	116	0.00
70	Isopropylbenzene	20.000	17.091	14.5	113	0.00
71 M	1,1,2,2-Tetrachloroethane	20.000	17.784	11.1	116	0.00
72	1,2,3-Trichloropropane	20.000	18.177	9.1	115	0.00
73	Bromobenzene	20.000	18.546	7.3	119	0.00
74	n-propylbenzene	20.000	16.261	18.7	107	0.00
75	2-Chlorotoluene	20.000	17.475	12.6	117	0.00
76	1,3,5-Trimethylbenzene	20.000	17.445	12.8	115	0.00
77	t-1,4-Dichloro-2-butene	20.000	13.778	31.1#	93	0.00
78	4-Chlorotoluene	20.000	17.557	12.2	117	0.00
79	tert-butylbenzene	20.000	17.478	12.6	115	0.00
80	1,2,4-Trimethylbenzene	20.000	17.719	11.4	116	0.00
81	sec-Butylbenzene	20.000	16.395	18.0	109	0.00
82	p-Isopropyltoluene	20.000	16.874	15.6	112	0.00
83 M	1,3-Dichlorobenzene	20.000	18.997	5.0	124	0.00
84 M	1,4-Dichlorobenzene	20.000	18.727	6.4	123	0.00
85	n-Butylbenzene	20.000	15.118	24.4	101	0.00
86 T	Hexachloroethane	20.000	17.413	12.9	114	0.00
87 M	1,2-Dichlorobenzene	20.000	19.365	3.2	126	0.00
88	1,2-Dibromo-3-Chloropropane	20.000	18.498	7.5	119	0.00
89	1,2,4-Trichlorobenzene	20.000	18.893	5.5	129	0.00
90	Hexachlorobutadiene	20.000	20.725	-3.6	142	0.00

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	Compound	Amount	Calc.	%Dev	Area	% Dev(min)
91 M	Naphthalene	20.000	17.661	11.7	116	0.00
92	1,2,3-Trichlorobenzene	20.000	19.616	1.9	131	0.00

(#) = Out of Range

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