

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX070820\
 Data File : VX017272.D
 Acq On : 08 Jul 2020 21:53
 Operator : JC/SP
 Sample : VSTDCCC020
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 MSVOA_X
 LabSampleId :
 VSTDCCC020

Quant Time: Jul 09 05:08:37 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	146	0.00
2 M	Dichlorodifluoromethane	20.000	14.819	25.9	125	0.00
3 M	Chloromethane	20.000	12.370	38.2#	91	0.00
4 M	Vinyl Chloride	20.000	12.437	37.8#	94	0.00
5 M	Bromomethane	20.000	12.081	39.6#	85	0.00
6 M	Chloroethane	20.000	12.560	37.2#	95	0.00
7 M	Trichlorofluoromethane	20.000	12.825	35.9#	98	0.00
8 T	Diethyl Ether	20.000	12.531	37.3#	95	0.00
9	1,1,2-Trichlorotrifluoroeth	20.000	13.302	33.5#	102	0.00
10 M	1,1-Dichloroethene	20.000	14.004	30.0	106	0.00
11	Methyl Iodide	20.000	10.075	49.6#	88	0.00
12	Methyl Acetate	20.000	15.406	23.0	117	0.00
13 M	Acrolein	100.000	81.649	18.4	128	0.00
14 M	Acrylonitrile	100.000	74.112	25.9	110	0.00
15 M	Acetone	100.000	77.596	22.4	117	0.00
16 M	Carbon Disulfide	20.000	12.034	39.8#	92	0.00
17	Allyl chloride	20.000	13.451	32.7#	99	0.00
18 M	Methylene Chloride	20.000	14.138	29.3	108	0.00
19 M	trans-1,2-Dichloroethene	20.000	14.066	29.7	108	0.00
20 T	Diisopropyl ether	20.000	13.966	30.2#	106	0.00
21 M	1,1-Dichloroethane	20.000	14.353	28.2	108	0.00
22 M	cis-1,2-Dichloroethene	20.000	14.142	29.3	107	0.00
23 M	tert-Butyl Alcohol	100.000	68.744	31.3#	103	0.00
24 M	Methyl tert-Butyl Ether	20.000	14.868	25.7	112	0.00
25 M	Chloroform	20.000	14.672	26.6	111	0.00
26	Cyclohexane	20.000	11.267	43.7#	85	0.00
27 s	1,2-Dichloroethane-d4	30.000	27.794	7.4	134	0.00
28 I	1,4-Difluorobenzene	30.000	30.000	0.0	135	0.00
29	1,1-Dichloropropene	20.000	14.000	30.0	98	0.00
30 M	2-Butanone	100.000	82.250	17.8	112	0.00
31	2,2-Dichloropropane	20.000	13.755	31.2#	95	0.00
32 M	1,1,1-Trichloroethane	20.000	15.874	20.6	111	0.00
33 M	Carbon Tetrachloride	20.000	15.645	21.8	109	0.00
34 M	Benzene	20.000	15.270	23.7	106	0.00
35	Methacrylonitrile	20.000	16.223	18.9	112	0.00
36 M	1,2-Dichloroethane	20.000	15.854	20.7	110	0.00
37 M	Trichloroethene	20.000	16.236	18.8	111	0.00
38	Methylcyclohexane	20.000	12.277	38.6#	88	0.00
39 M	1,2-Dichloropropane	20.000	15.561	22.2	109	0.00
40	Dibromomethane	20.000	16.069	19.7	112	0.00
41 M	Bromodichloromethane	20.000	16.057	19.7	111	0.00
42 M	Vinyl Acetate	100.000	76.009	24.0	106	0.00
43	Ethyl Acetate	20.000	16.139	19.3	111	0.00
44	Isopropyl Acetate	20.000	14.864	25.7	104	0.00
45 T	1,4-Dioxane	400.000	282.295	29.4	95	0.00

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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)
46	Methyl methacrylate	20.000	15.666	21.7	109	0.00
47	n-amyl Acetate	20.000	14.062	29.7	103	0.00
48 M	t-1,3-Dichloropropene	20.000	14.685	26.6	107	0.00
49 T	cis-1,3-Dichloropropene	20.000	15.262	23.7	106	0.00
50 M	1,1,2-Trichloroethane	20.000	16.713	16.4	118	0.00
51	Ethyl methacrylate	20.000	15.466	22.7	110	0.00
52	1,3-Dichloropropane	20.000	16.352	18.2	110	0.00
53 M	Dibromochloromethane	20.000	17.354	13.2	124	0.00
54 M	1,2-Dibromoethane	20.000	17.207	14.0	122	0.00
55 M	2-Chloroethyl vinyl ether	100.000	83.464	16.5	117	0.00
56 M	Bromoform	20.000	19.112	4.4	141	0.00
57 I	Chlorobenzene-d5	30.000	30.000	0.0	136	0.00
58 M	4-Methyl-2-Pentanone	100.000	80.461	19.5	112	0.00
59 M	2-Hexanone	100.000	79.484	20.5	111	0.00
60 S	4-Bromofluorobenzene	30.000	30.207	-0.7	141	0.00
61 M	Tetrachloroethene	20.000	16.811	15.9	120	0.00
62 M	Toluene	20.000	14.882	25.6	105	0.00
63 S	Toluene-d8	30.000	29.241	2.5	132	0.00
64 M	Chlorobenzene	20.000	15.859	20.7	114	0.00
65	1,1,1,2-Tetrachloroethane	20.000	17.037	14.8	121	0.00
66 M	Ethyl Benzene	20.000	14.527	27.4	104	0.00
67 M	m/p-Xylenes	40.000	30.020	24.9	108	0.00
68 M	o-Xylene	20.000	14.766	26.2	105	0.00
69 M	Styrene	20.000	15.307	23.5	113	0.00
70	Isopropylbenzene	20.000	14.609	27.0	106	0.00
71 M	1,1,2,2-Tetrachloroethane	20.000	16.768	16.2	121	0.00
72	1,2,3-Trichloropropane	20.000	17.255	13.7	120	0.00
73	Bromobenzene	20.000	16.804	16.0	120	0.00
74	n-propylbenzene	20.000	13.792	31.0#	101	0.00
75	2-Chlorotoluene	20.000	15.088	24.6	111	0.00
76	1,3,5-Trimethylbenzene	20.000	14.859	25.7	109	0.00
77	t-1,4-Dichloro-2-butene	20.000	14.743	26.3	110	0.00
78	4-Chlorotoluene	20.000	15.135	24.3	111	0.00
79	tert-butylbenzene	20.000	14.955	25.2	109	0.00
80	1,2,4-Trimethylbenzene	20.000	15.026	24.9	109	0.00
81	sec-Butylbenzene	20.000	13.582	32.1#	100	0.00
82	p-Isopropyltoluene	20.000	14.223	28.9	104	0.00
83 M	1,3-Dichlorobenzene	20.000	16.124	19.4	117	0.00
84 M	1,4-Dichlorobenzene	20.000	16.564	17.2	120	0.00
85	n-Butylbenzene	20.000	12.566	37.2#	93	0.00
86 T	Hexachloroethane	20.000	14.233	28.8	103	0.00
87 M	1,2-Dichlorobenzene	20.000	17.173	14.1	124	0.00
88	1,2-Dibromo-3-Chloropropane	20.000	17.245	13.8	123	0.00
89	1,2,4-Trichlorobenzene	20.000	16.033	19.8	121	0.00
90	Hexachlorobutadiene	20.000	14.840	25.8	112	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
91 M	Naphthalene	20.000	16.197	19.0	117	0.00
92	1,2,3-Trichlorobenzene	20.000	16.613	16.9	123	0.00

(#) = Out of Range

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