

Data Path : Z:\voasrv\HPCHEM1\MSVOA X\Data\WX030620\
 Data File : VX015129.D
 Acq On : 06 Mar 2020 16:20
 Operator : JC/SP
 Sample : VSTDCCC020
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_X
 LabSampleId :
 VSTDCCC020

Quant Time: Mar 07 01:23:27 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA X\METHOD\624X022120W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Sat Feb 22 00:37:56 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	81	-0.01
2 M	Dichlorodifluoromethane	20.000	16.759	16.2	74	0.00
3 M	Chloromethane	20.000	20.006	-0.0	87	0.00
4 M	Vinyl Chloride	20.000	19.161	4.2	84	0.00
5 M	Bromomethane	20.000	16.758	16.2	76	0.00
6 M	Chloroethane	20.000	18.233	8.8	77	0.00
7 M	Trichlorofluoromethane	20.000	16.836	15.8	73	0.00
8 T	Diethyl Ether	20.000	19.099	4.5	83	0.00
9	1,1,2-Trichlorotrifluoroeth	20.000	19.099	4.5	82	0.00
10 M	1,1-Dichloroethene	20.000	18.337	8.3	80	0.00
11	Methyl Iodide	20.000	12.923	35.4#	61	0.00
12	Methyl Acetate	20.000	18.600	7.0	81	0.00
13 M	Acrolein	100.000	99.518	0.5	88	0.00
14 M	Acrylonitrile	100.000	92.160	7.8	81	0.00
15 M	Acetone	100.000	65.241	34.8#	52	0.00
16 M	Carbon Disulfide	20.000	16.677	16.6	75	0.00
17	Allyl chloride	20.000	18.809	6.0	83	0.00
18 M	Methylene Chloride	20.000	18.833	5.8	80	0.00
19 M	trans-1,2-Dichloroethene	20.000	18.177	9.1	79	0.00
20 T	Diisopropyl ether	20.000	19.254	3.7	82	0.00
21 M	1,1-Dichloroethane	20.000	18.926	5.4	82	0.00
22 M	cis-1,2-Dichloroethene	20.000	18.487	7.6	79	0.00
23 M	tert-Butyl Alcohol	100.000	82.925	17.1	73	0.00
24 M	Methyl tert-Butyl Ether	20.000	18.395	8.0	80	0.00
25 M	Chloroform	20.000	19.316	3.4	83	-0.01
26	Cyclohexane	20.000	18.218	8.9	79	-0.01
27 s	1,2-Dichloroethane-d4	30.000	29.673	1.1	79	0.00
28 I	1,4-Difluorobenzene	30.000	30.000	0.0	77	0.00
29	1,1-Dichloropropene	20.000	19.065	4.7	80	0.00
30 M	2-Butanone	100.000	84.810	15.2	67	0.00
31	2,2-Dichloropropane	20.000	19.586	2.1	82	0.00
32 M	1,1,1-Trichloroethane	20.000	19.451	2.7	82	0.00
33 M	Carbon Tetrachloride	20.000	18.975	5.1	79	-0.01
34 M	Benzene	20.000	19.755	1.2	81	0.00
35	Methacrylonitrile	20.000	18.591	7.0	80	0.00
36 M	1,2-Dichloroethane	20.000	20.062	-0.3	83	0.00
37 M	Trichloroethene	20.000	19.278	3.6	82	0.00
38	Methylcyclohexane	20.000	18.666	6.7	79	0.00
39 M	1,2-Dichloropropane	20.000	19.823	0.9	83	0.00
40	Dibromomethane	20.000	19.659	1.7	80	0.00
41 M	Bromodichloromethane	20.000	19.846	0.8	83	0.00
42 M	Vinyl Acetate	100.000	98.415	1.6	81	0.00
43	Ethyl Acetate	20.000	19.423	2.9	80	0.00
44	Isopropyl Acetate	20.000	18.728	6.4	79	0.00
45 T	1,4-Dioxane	400.000	398.450	0.4	82	-0.01

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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	18.296	8.5	78	0.00
47	n-amyl Acetate	20.000	18.266	8.7	80	0.00
48 M	t-1,3-Dichloropropene	20.000	18.730	6.3	80	0.00
49 T	cis-1,3-Dichloropropene	20.000	19.101	4.5	81	0.00
50 M	1,1,2-Trichloroethane	20.000	19.872	0.6	80	0.00
51	Ethyl methacrylate	20.000	18.033	9.8	77	0.00
52	1,3-Dichloropropane	20.000	19.903	0.5	82	0.00
53 M	Dibromochloromethane	20.000	18.847	5.8	79	0.00
54 M	1,2-Dibromoethane	20.000	19.336	3.3	81	0.00
55 M	2-Chloroethyl vinyl ether	100.000	103.442	-3.4	85	0.00
56 M	Bromoform	20.000	17.717	11.4	76	0.00
57 I	Chlorobenzene-d5	30.000	30.000	0.0	80	0.00
58 M	4-Methyl-2-Pentanone	100.000	93.199	6.8	79	0.00
59 M	2-Hexanone	100.000	88.888	11.1	74	0.00
60 S	4-Bromofluorobenzene	30.000	29.836	0.5	79	0.00
61 M	Tetrachloroethene	20.000	18.690	6.5	78	0.00
62 M	Toluene	20.000	19.018	4.9	80	0.00
63 S	Toluene-d8	30.000	30.219	-0.7	79	0.00
64 M	Chlorobenzene	20.000	18.918	5.4	81	0.00
65	1,1,1,2-Tetrachloroethane	20.000	18.934	5.3	80	0.00
66 M	Ethyl Benzene	20.000	18.861	5.7	80	0.00
67 M	m/p-Xylenes	40.000	37.960	5.1	81	0.00
68 M	o-Xylene	20.000	18.697	6.5	80	0.00
69 M	Styrene	20.000	18.722	6.4	81	0.00
70	Isopropylbenzene	20.000	18.986	5.1	81	0.00
71 M	1,1,2,2-Tetrachloroethane	20.000	19.175	4.1	82	0.00
72	1,2,3-Trichloropropane	20.000	19.120	4.4	81	0.00
73	Bromobenzene	20.000	18.724	6.4	80	0.00
74	n-propylbenzene	20.000	19.100	4.5	81	0.00
75	2-Chlorotoluene	20.000	19.299	3.5	81	0.00
76	1,3,5-Trimethylbenzene	20.000	19.075	4.6	81	0.00
77	t-1,4-Dichloro-2-butene	20.000	16.356	18.2	76	0.00
78	4-Chlorotoluene	20.000	19.325	3.4	83	0.00
79	tert-butylbenzene	20.000	18.840	5.8	81	0.00
80	1,2,4-Trimethylbenzene	20.000	18.897	5.5	80	0.00
81	sec-Butylbenzene	20.000	19.192	4.0	82	0.00
82	p-Isopropyltoluene	20.000	18.380	8.1	79	0.00
83 M	1,3-Dichlorobenzene	20.000	18.497	7.5	81	0.00
84 M	1,4-Dichlorobenzene	20.000	18.591	7.0	80	0.00
85	n-Butylbenzene	20.000	18.351	8.2	82	0.00
86 T	Hexachloroethane	20.000	17.984	10.1	83	0.00
87 M	1,2-Dichlorobenzene	20.000	18.630	6.9	80	0.00
88	1,2-Dibromo-3-Chloropropane	20.000	16.860	15.7	74	0.00
89	1,2,4-Trichlorobenzene	20.000	17.690	11.5	79	0.00
90	Hexachlorobutadiene	20.000	18.461	7.7	82	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
91 M	Naphthalene	20.000	17.394	13.0	75	0.00
92	1,2,3-Trichlorobenzene	20.000	18.449	7.8	81	0.00

(#) = Out of Range

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