

Data Path : Z:\voasrv\HPCHEM1\MSVOA X\Data\WX043020\
 Data File : VX016000.D
 Acq On : 30 Apr 2020 17:08
 Operator : JC/SP
 Sample : VSTDCCC020
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_X
 LabSampleId :
 VSTDCCC020

Quant Time: May 01 08:52:28 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA X\METHOD\624X043020W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Thu Apr 30 12:42:44 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	19.306	3.5	94	0.00
3 M	Chloromethane	20.000	19.262	3.7	96	0.00
4 M	Vinyl Chloride	20.000	18.503	7.5	94	0.00
5 M	Bromomethane	20.000	21.026	-5.1	96	0.00
6 M	Chloroethane	20.000	18.602	7.0	94	0.00
7 M	Trichlorofluoromethane	20.000	19.152	4.2	98	0.00
8 T	Diethyl Ether	20.000	18.741	6.3	99	0.00
9	1,1,2-Trichlorotrifluoroeth	20.000	18.125	9.4	96	0.00
10 M	1,1-Dichloroethene	20.000	17.776	11.1	93	0.00
11	Methyl Iodide	20.000	17.235	13.8	95	0.00
12	Methyl Acetate	20.000	19.294	3.5	98	0.00
13 M	Acrolein	100.000	86.941	13.1	106	0.00
14 M	Acrylonitrile	100.000	93.114	6.9	99	0.00
15 M	Acetone	100.000	95.938	4.1	103	0.00
16 M	Carbon Disulfide	20.000	17.865	10.7	95	0.00
17	Allyl chloride	20.000	18.196	9.0	95	0.00
18 M	Methylene Chloride	20.000	18.349	8.3	97	0.00
19 M	trans-1,2-Dichloroethene	20.000	18.169	9.2	96	0.00
20 T	Diisopropyl ether	20.000	18.311	8.4	97	0.00
21 M	1,1-Dichloroethane	20.000	18.216	8.9	96	0.00
22 M	cis-1,2-Dichloroethene	20.000	18.008	10.0	97	0.00
23 M	tert-Butyl Alcohol	100.000	94.032	6.0	100	0.00
24 M	Methyl tert-Butyl Ether	20.000	18.610	7.0	99	0.00
25 M	Chloroform	20.000	18.148	9.3	96	0.00
26	Cyclohexane	20.000	18.068	9.7	95	0.00
27 s	1,2-Dichloroethane-d4	30.000	30.514	-1.7	97	0.00
28 I	1,4-Difluorobenzene	30.000	30.000	0.0	98	0.00
29	1,1-Dichloropropene	20.000	17.829	10.9	96	0.00
30 M	2-Butanone	100.000	94.360	5.6	100	0.00
31	2,2-Dichloropropane	20.000	17.370	13.1	91	0.00
32 M	1,1,1-Trichloroethane	20.000	18.157	9.2	96	0.00
33 M	Carbon Tetrachloride	20.000	18.126	9.4	97	0.00
34 M	Benzene	20.000	18.068	9.7	96	0.00
35	Methacrylonitrile	20.000	18.319	8.4	98	0.00
36 M	1,2-Dichloroethane	20.000	18.360	8.2	97	0.00
37 M	Trichloroethene	20.000	18.156	9.2	92	0.00
38	Methylcyclohexane	20.000	17.569	12.2	95	0.00
39 M	1,2-Dichloropropane	20.000	18.049	9.8	96	0.00
40	Dibromomethane	20.000	17.918	10.4	94	0.00
41 M	Bromodichloromethane	20.000	17.700	11.5	97	0.00
42 M	Vinyl Acetate	100.000	90.304	9.7	97	0.00
43	Ethyl Acetate	20.000	18.844	5.8	100	0.00
44	Isopropyl Acetate	20.000	18.521	7.4	99	0.00
45 T	1,4-Dioxane	400.000	366.301	8.4	99	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
46	Methyl methacrylate	20.000	18.085	9.6	98	0.00
47	n-amyl Acetate	20.000	17.477	12.6	96	0.00
48 M	t-1,3-Dichloropropene	20.000	17.553	12.2	96	0.00
49 T	cis-1,3-Dichloropropene	20.000	17.839	10.8	96	0.00
50 M	1,1,2-Trichloroethane	20.000	18.003	10.0	97	0.00
51	Ethyl methacrylate	20.000	17.878	10.6	100	0.00
52	1,3-Dichloropropane	20.000	18.161	9.2	97	0.00
53 M	Dibromochloromethane	20.000	17.337	13.3	96	0.00
54 M	1,2-Dibromoethane	20.000	17.693	11.5	97	0.00
55 M	2-Chloroethyl vinyl ether	100.000	90.025	10.0	101	0.00
56 M	Bromoform	20.000	16.402	18.0	94	0.00
57 I	Chlorobenzene-d5	30.000	30.000	0.0	98	0.00
58 M	4-Methyl-2-Pentanone	100.000	94.751	5.2	99	0.00
59 M	2-Hexanone	100.000	94.687	5.3	100	0.00
60 S	4-Bromofluorobenzene	30.000	29.213	2.6	96	0.00
61 M	Tetrachloroethene	20.000	18.176	9.1	91	0.00
62 M	Toluene	20.000	18.354	8.2	97	0.00
63 S	Toluene-d8	30.000	30.550	-1.8	97	0.00
64 M	Chlorobenzene	20.000	18.009	10.0	95	0.00
65	1,1,1,2-Tetrachloroethane	20.000	17.990	10.1	96	0.00
66 M	Ethyl Benzene	20.000	18.080	9.6	95	0.00
67 M	m/p-Xylenes	40.000	35.456	11.4	95	0.00
68 M	o-Xylene	20.000	17.704	11.5	96	0.00
69 M	Styrene	20.000	17.434	12.8	95	0.00
70	Isopropylbenzene	20.000	17.748	11.3	95	0.00
71 M	1,1,2,2-Tetrachloroethane	20.000	17.171	14.1	115	0.00
72	1,2,3-Trichloropropane	20.000	18.667	6.7	99	0.00
73	Bromobenzene	20.000	17.205	14.0	92	0.00
74	n-propylbenzene	20.000	17.617	11.9	95	0.00
75	2-Chlorotoluene	20.000	17.542	12.3	94	0.00
76	1,3,5-Trimethylbenzene	20.000	17.422	12.9	95	0.00
77	t-1,4-Dichloro-2-butene	20.000	17.006	15.0	94	0.00
78	4-Chlorotoluene	20.000	17.360	13.2	94	0.00
79	tert-butylbenzene	20.000	17.568	12.2	97	0.00
80	1,2,4-Trimethylbenzene	20.000	17.375	13.1	94	0.00
81	sec-Butylbenzene	20.000	17.281	13.6	94	0.00
82	p-Isopropyltoluene	20.000	17.271	13.6	94	0.00
83 M	1,3-Dichlorobenzene	20.000	17.539	12.3	96	0.00
84 M	1,4-Dichlorobenzene	20.000	17.540	12.3	96	0.00
85	n-Butylbenzene	20.000	16.647	16.8	92	0.00
86 T	Hexachloroethane	20.000	16.710	16.4	95	0.00
87 M	1,2-Dichlorobenzene	20.000	17.946	10.3	97	0.00
88	1,2-Dibromo-3-Chloropropane	20.000	18.103	9.5	100	0.00
89	1,2,4-Trichlorobenzene	20.000	16.809	16.0	92	0.00
90	Hexachlorobutadiene	20.000	17.291	13.5	91	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
91 M	Naphthalene	20.000	17.704	11.5	95	0.00
92	1,2,3-Trichlorobenzene	20.000	17.245	13.8	94	0.00

(#) = Out of Range

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