

Data Path : Z:\voasrv\HPCHEM1\MSVOA X\Data\WX022820\
 Data File : VX015049.D
 Acq On : 28 Feb 2020 08:41
 Operator : JC/SP
 Sample : VSTDCCC020
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 LabSampleId :
 VSTDCCC020

Quant Time: Feb 28 23:31:41 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	98	0.00
2 M	Dichlorodifluoromethane	20.000	18.046	9.8	96	0.00
3 M	Chloromethane	20.000	19.584	2.1	103	0.00
4 M	Vinyl Chloride	20.000	18.212	8.9	97	0.00
5 M	Bromomethane	20.000	17.205	14.0	95	0.00
6 M	Chloroethane	20.000	18.196	9.0	94	0.00
7 M	Trichlorofluoromethane	20.000	17.365	13.2	91	0.00
8 T	Diethyl Ether	20.000	18.201	9.0	96	0.00
9	1,1,2-Trichlorotrifluoroeth	20.000	19.025	4.9	99	0.00
10 M	1,1-Dichloroethene	20.000	18.452	7.7	98	0.00
11	Methyl Iodide	20.000	14.282	28.6	82	0.00
12	Methyl Acetate	20.000	19.770	1.2	105	0.00
13 M	Acrolein	100.000	92.188	7.8	99	0.00
14 M	Acrylonitrile	100.000	98.745	1.3	106	0.00
15 M	Acetone	100.000	116.420	-16.4	112	0.00
16 M	Carbon Disulfide	20.000	18.380	8.1	100	0.00
17	Allyl chloride	20.000	19.509	2.5	105	0.00
18 M	Methylene Chloride	20.000	19.003	5.0	98	0.00
19 M	trans-1,2-Dichloroethene	20.000	18.690	6.5	99	0.00
20 T	Diisopropyl ether	20.000	19.701	1.5	102	0.00
21 M	1,1-Dichloroethane	20.000	19.186	4.1	102	0.00
22 M	cis-1,2-Dichloroethene	20.000	18.581	7.1	96	0.00
23 M	tert-Butyl Alcohol	100.000	96.087	3.9	103	0.00
24 M	Methyl tert-Butyl Ether	20.000	18.426	7.9	98	0.00
25 M	Chloroform	20.000	18.300	8.5	95	0.00
26	Cyclohexane	20.000	18.777	6.1	99	0.00
27 s	1,2-Dichloroethane-d4	30.000	28.807	4.0	94	0.00
28 I	1,4-Difluorobenzene	30.000	30.000	0.0	95	0.00
29	1,1-Dichloropropene	20.000	19.329	3.4	100	0.00
30 M	2-Butanone	100.000	108.856	-8.9	107	0.00
31	2,2-Dichloropropane	20.000	18.654	6.7	97	0.00
32 M	1,1,1-Trichloroethane	20.000	18.655	6.7	97	0.00
33 M	Carbon Tetrachloride	20.000	18.320	8.4	95	-0.01
34 M	Benzene	20.000	19.602	2.0	100	0.00
35	Methacrylonitrile	20.000	19.829	0.9	105	0.00
36 M	1,2-Dichloroethane	20.000	18.752	6.2	96	0.00
37 M	Trichloroethene	20.000	19.601	2.0	103	0.00
38	Methylcyclohexane	20.000	18.699	6.5	98	0.00
39 M	1,2-Dichloropropane	20.000	19.324	3.4	100	0.00
40	Dibromomethane	20.000	19.688	1.6	100	0.00
41 M	Bromodichloromethane	20.000	19.056	4.7	99	0.00
42 M	Vinyl Acetate	100.000	98.173	1.8	101	0.00
43	Ethyl Acetate	20.000	20.159	-0.8	103	0.00
44	Isopropyl Acetate	20.000	18.833	5.8	98	0.00
45 T	1,4-Dioxane	400.000	412.121	-3.0	105	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
46	Methyl methacrylate	20.000	18.767	6.2	100	0.00
47	n-amyl Acetate	20.000	17.967	10.2	97	0.00
48 M	t-1,3-Dichloropropene	20.000	18.101	9.5	97	0.00
49 T	cis-1,3-Dichloropropene	20.000	18.865	5.7	99	0.00
50 M	1,1,2-Trichloroethane	20.000	18.583	7.1	93	0.00
51	Ethyl methacrylate	20.000	17.530	12.3	94	0.00
52	1,3-Dichloropropane	20.000	18.943	5.3	96	0.00
53 M	Dibromochloromethane	20.000	17.639	11.8	92	0.00
54 M	1,2-Dibromoethane	20.000	18.560	7.2	96	0.00
55 M	2-Chloroethyl vinyl ether	100.000	96.853	3.1	99	0.00
56 M	Bromoform	20.000	17.416	12.9	93	0.00
57 I	Chlorobenzene-d5	30.000	30.000	0.0	90	0.00
58 M	4-Methyl-2-Pentanone	100.000	106.752	-6.8	102	0.00
59 M	2-Hexanone	100.000	112.137	-12.1	105	0.00
60 S	4-Bromofluorobenzene	30.000	31.999	-6.7	96	0.00
61 M	Tetrachloroethene	20.000	20.400	-2.0	96	0.00
62 M	Toluene	20.000	20.710	-3.6	99	0.00
63 S	Toluene-d8	30.000	32.634	-8.8	96	0.00
64 M	Chlorobenzene	20.000	18.965	5.2	91	0.00
65	1,1,1,2-Tetrachloroethane	20.000	18.778	6.1	90	0.00
66 M	Ethyl Benzene	20.000	19.069	4.7	92	0.00
67 M	m/p-Xylenes	40.000	38.671	3.3	93	0.00
68 M	o-Xylene	20.000	19.685	1.6	96	0.00
69 M	Styrene	20.000	19.752	1.2	97	0.00
70	Isopropylbenzene	20.000	20.627	-3.1	99	0.00
71 M	1,1,2,2-Tetrachloroethane	20.000	20.857	-4.3	100	0.00
72	1,2,3-Trichloropropane	20.000	21.586	-7.9	103	0.00
73	Bromobenzene	20.000	20.044	-0.2	96	0.00
74	n-propylbenzene	20.000	20.889	-4.4	101	0.00
75	2-Chlorotoluene	20.000	21.236	-6.2	101	0.00
76	1,3,5-Trimethylbenzene	20.000	20.354	-1.8	98	0.00
77	t-1,4-Dichloro-2-butene	20.000	19.347	3.3	101	0.00
78	4-Chlorotoluene	20.000	20.987	-4.9	102	0.00
79	tert-butylbenzene	20.000	20.212	-1.1	99	0.00
80	1,2,4-Trimethylbenzene	20.000	20.655	-3.3	99	0.00
81	sec-Butylbenzene	20.000	20.831	-4.2	101	0.00
82	p-Isopropyltoluene	20.000	20.663	-3.3	100	0.00
83 M	1,3-Dichlorobenzene	20.000	20.380	-1.9	101	0.00
84 M	1,4-Dichlorobenzene	20.000	20.444	-2.2	100	0.00
85	n-Butylbenzene	20.000	20.365	-1.8	103	0.00
86 T	Hexachloroethane	20.000	19.723	1.4	103	0.00
87 M	1,2-Dichlorobenzene	20.000	20.485	-2.4	100	0.00
88	1,2-Dibromo-3-Chloropropane	20.000	19.698	1.5	98	0.00
89	1,2,4-Trichlorobenzene	20.000	19.887	0.6	101	0.00
90	Hexachlorobutadiene	20.000	20.464	-2.3	103	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
91 M	Naphthalene	20.000	19.481	2.6	95	0.00
92	1,2,3-Trichlorobenzene	20.000	20.171	-0.9	101	0.00

(#) = Out of Range

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