

Data Path : Z:\voasrv\HPCHEM1\MSVOA X\Data\VX102219\
 Data File : VX013173.D
 Acq On : 22 Oct 2019 13:30
 Operator : JC/SP
 Sample : VSTDCCC020
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_X
 LabSampleId :
 VSTDCCC020

Quant Time: Oct 23 07:52:49 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA X\METHOD\624X102119W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Tue Oct 22 01:53:07 2019
 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	108	0.00
2 M	Dichlorodifluoromethane	20.000	18.545	7.3	100	0.00
3 M	Chloromethane	20.000	18.019	9.9	100	0.00
4 M	Vinyl Chloride	20.000	17.926	10.4	99	0.00
5 M	Bromomethane	20.000	21.832	-9.2	105	0.00
6 M	Chloroethane	20.000	17.151	14.2	93	0.00
7 M	Trichlorofluoromethane	20.000	18.547	7.3	102	0.00
8 T	Diethyl Ether	20.000	17.941	10.3	100	0.00
9	1,1,2-Trichlorotrifluoroeth	20.000	18.538	7.3	106	0.00
10 M	1,1-Dichloroethene	20.000	18.256	8.7	101	0.00
11	Methyl Iodide	20.000	16.882	15.6	99	0.00
12	Methyl Acetate	20.000	17.981	10.1	97	0.00
13 M	Acrolein	100.000	89.442	10.6	93	0.00
14 M	Acrylonitrile	100.000	88.087	11.9	95	0.00
15 M	Acetone	100.000	93.394	6.6	96	0.00
16 M	Carbon Disulfide	20.000	17.492	12.5	99	0.00
17	Allyl chloride	20.000	17.816	10.9	99	0.00
18 M	Methylene Chloride	20.000	17.547	12.3	98	0.00
19 M	trans-1,2-Dichloroethene	20.000	18.732	6.3	104	0.00
20 T	Diisopropyl ether	20.000	18.432	7.8	100	0.00
21 M	1,1-Dichloroethane	20.000	18.287	8.6	101	0.00
22 M	cis-1,2-Dichloroethene	20.000	18.012	9.9	99	0.00
23 M	tert-Butyl Alcohol	100.000	77.414	22.6	84	0.00
24 M	Methyl tert-Butyl Ether	20.000	18.573	7.1	104	0.00
25 M	Chloroform	20.000	18.385	8.1	101	0.00
26	Cyclohexane	20.000	18.200	9.0	102	0.00
27 s	1,2-Dichloroethane-d4	30.000	29.386	2.0	107	0.00
28 I	1,4-Difluorobenzene	30.000	30.000	0.0	108	0.00
29	1,1-Dichloropropene	20.000	18.403	8.0	98	0.00
30 M	2-Butanone	100.000	91.180	8.8	96	0.00
31	2,2-Dichloropropane	20.000	19.126	4.4	104	0.00
32 M	1,1,1-Trichloroethane	20.000	18.858	5.7	103	0.00
33 M	Carbon Tetrachloride	20.000	18.730	6.3	103	0.00
34 M	Benzene	20.000	18.901	5.5	101	0.00
35	Methacrylonitrile	20.000	18.018	9.9	98	0.00
36 M	1,2-Dichloroethane	20.000	19.265	3.7	102	0.00
37 M	Trichloroethene	20.000	19.383	3.1	105	0.00
38	Methylcyclohexane	20.000	18.732	6.3	104	0.00
39 M	1,2-Dichloropropane	20.000	18.842	5.8	101	0.00
40	Dibromomethane	20.000	19.047	4.8	102	0.00
41 M	Bromodichloromethane	20.000	18.996	5.0	103	0.00
42 M	Vinyl Acetate	100.000	93.721	6.3	100	0.00
43	Ethyl Acetate	20.000	18.777	6.1	103	0.00
44	Isopropyl Acetate	20.000	18.538	7.3	99	0.00
45 T	1,4-Dioxane	400.000	331.370	17.2	87	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
46	Methyl methacrylate	20.000	18.601	7.0	100	0.00
47	n-amyl Acetate	20.000	18.262	8.7	104	0.00
48 M	t-1,3-Dichloropropene	20.000	18.540	7.3	104	0.00
49 T	cis-1,3-Dichloropropene	20.000	18.186	9.1	100	0.00
50 M	1,1,2-Trichloroethane	20.000	19.372	3.1	104	0.00
51	Ethyl methacrylate	20.000	19.080	4.6	105	0.00
52	1,3-Dichloropropane	20.000	19.275	3.6	103	0.00
53 M	Dibromochloromethane	20.000	18.132	9.3	101	0.00
54 M	1,2-Dibromoethane	20.000	18.662	6.7	100	0.00
55 M	2-Chloroethyl vinyl ether	100.000	104.134	-4.1	114	0.00
56 M	Bromoform	20.000	17.852	10.7	103	0.00
57 I	Chlorobenzene-d5	30.000	30.000	0.0	110	0.00
58 M	4-Methyl-2-Pentanone	100.000	91.291	8.7	97	0.00
59 M	2-Hexanone	100.000	88.575	11.4	95	0.00
60 S	4-Bromofluorobenzene	30.000	30.126	-0.4	111	0.00
61 M	Tetrachloroethene	20.000	19.566	2.2	102	0.00
62 M	Toluene	20.000	19.058	4.7	104	0.00
63 S	Toluene-d8	30.000	30.510	-1.7	109	0.00
64 M	Chlorobenzene	20.000	18.816	5.9	104	0.00
65	1,1,1,2-Tetrachloroethane	20.000	18.860	5.7	103	0.00
66 M	Ethyl Benzene	20.000	18.991	5.0	105	0.00
67 M	m/p-Xylenes	40.000	37.714	5.7	103	0.00
68 M	o-Xylene	20.000	18.921	5.4	107	0.00
69 M	Styrene	20.000	18.771	6.1	104	0.00
70	Isopropylbenzene	20.000	18.881	5.6	104	0.00
71 M	1,1,2,2-Tetrachloroethane	20.000	18.449	7.8	104	0.00
72	1,2,3-Trichloropropane	20.000	17.634	11.8	88	0.00
73	Bromobenzene	20.000	18.375	8.1	105	0.00
74	n-propylbenzene	20.000	19.582	2.1	109	0.00
75	2-Chlorotoluene	20.000	18.960	5.2	105	0.00
76	1,3,5-Trimethylbenzene	20.000	18.762	6.2	106	0.00
77	t-1,4-Dichloro-2-butene	20.000	16.919	15.4	100	0.00
78	4-Chlorotoluene	20.000	18.718	6.4	106	0.00
79	tert-butylbenzene	20.000	18.525	7.4	108	0.00
80	1,2,4-Trimethylbenzene	20.000	19.108	4.5	109	0.00
81	sec-Butylbenzene	20.000	18.455	7.7	104	0.00
82	p-Isopropyltoluene	20.000	19.305	3.5	110	0.00
83 M	1,3-Dichlorobenzene	20.000	18.741	6.3	108	0.00
84 M	1,4-Dichlorobenzene	20.000	19.015	4.9	109	0.00
85	n-Butylbenzene	20.000	18.516	7.4	108	0.00
86 T	Hexachloroethane	20.000	17.748	11.3	104	0.00
87 M	1,2-Dichlorobenzene	20.000	18.727	6.4	104	0.00
88	1,2-Dibromo-3-Chloropropane	20.000	16.417	17.9	90	0.00
89	1,2,4-Trichlorobenzene	20.000	19.777	1.1	115	0.00
90	Hexachlorobutadiene	20.000	19.324	3.4	116	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
91 M	Naphthalene	20.000	18.123	9.4	103	0.00
92	1,2,3-Trichlorobenzene	20.000	18.528	7.4	107	0.00

(#) = Out of Range

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