

Data Path : Z:\voasrv\HPCHEM1\MSVOA X\Data\VX1111419\
 Data File : VX013410.D
 Acq On : 14 Nov 2019 09:52
 Operator : JC/SP
 Sample : VSTDCCC020
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 LabSampleId :
 VSTDCCC020

Quant Time: Nov 15 03:03:23 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA X\METHOD\624X111119W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Tue Nov 12 01:16:13 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	97	0.00
2 M	Dichlorodifluoromethane	20.000	19.666	1.7	100	0.00
3 M	Chloromethane	20.000	19.285	3.6	98	0.00
4 M	Vinyl Chloride	20.000	19.497	2.5	100	0.00
5 M	Bromomethane	20.000	18.038	9.8	104	0.00
6 M	Chloroethane	20.000	18.662	6.7	98	0.00
7 M	Trichlorofluoromethane	20.000	18.804	6.0	99	0.00
8 T	Diethyl Ether	20.000	18.971	5.1	101	0.00
9	1,1,2-Trichlorotrifluoroeth	20.000	19.555	2.2	102	0.00
10 M	1,1-Dichloroethene	20.000	18.812	5.9	100	0.00
11	Methyl Iodide	20.000	17.297	13.5	97	0.00
12	Methyl Acetate	20.000	18.253	8.7	96	0.00
13 M	Acrolein	100.000	90.417	9.6	95	0.00
14 M	Acrylonitrile	100.000	88.532	11.5	94	0.00
15 M	Acetone	100.000	97.036	3.0	90	0.00
16 M	Carbon Disulfide	20.000	18.446	7.8	99	0.00
17	Allyl chloride	20.000	18.470	7.7	97	0.00
18 M	Methylene Chloride	20.000	18.804	6.0	101	0.00
19 M	trans-1,2-Dichloroethene	20.000	18.481	7.6	99	0.00
20 T	Diisopropyl ether	20.000	18.785	6.1	99	0.00
21 M	1,1-Dichloroethane	20.000	18.663	6.7	99	0.00
22 M	cis-1,2-Dichloroethene	20.000	18.656	6.7	100	0.00
23 M	tert-Butyl Alcohol	100.000	85.586	14.4	95	0.00
24 M	Methyl tert-Butyl Ether	20.000	18.592	7.0	98	0.00
25 M	Chloroform	20.000	18.870	5.6	100	0.00
26	Cyclohexane	20.000	18.908	5.5	101	0.00
27 s	1,2-Dichloroethane-d4	30.000	28.837	3.9	97	0.00
28 I	1,4-Difluorobenzene	30.000	30.000	0.0	97	0.00
29	1,1-Dichloropropene	20.000	19.581	2.1	102	0.00
30 M	2-Butanone	100.000	95.639	4.4	93	0.00
31	2,2-Dichloropropane	20.000	19.795	1.0	100	0.00
32 M	1,1,1-Trichloroethane	20.000	19.354	3.2	98	0.00
33 M	Carbon Tetrachloride	20.000	19.139	4.3	97	0.00
34 M	Benzene	20.000	19.780	1.1	100	0.00
35	Methacrylonitrile	20.000	18.099	9.5	91	0.00
36 M	1,2-Dichloroethane	20.000	19.203	4.0	97	0.00
37 M	Trichloroethene	20.000	19.442	2.8	100	0.00
38	Methylcyclohexane	20.000	19.963	0.2	102	0.00
39 M	1,2-Dichloropropane	20.000	19.473	2.6	99	0.00
40	Dibromomethane	20.000	19.393	3.0	98	0.00
41 M	Bromodichloromethane	20.000	19.080	4.6	96	0.00
42 M	Vinyl Acetate	100.000	96.406	3.6	97	0.00
43	Ethyl Acetate	20.000	18.163	9.2	91	0.00
44	Isopropyl Acetate	20.000	18.770	6.2	96	0.00
45 T	1,4-Dioxane	400.000	374.212	6.4	97	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
46	Methyl methacrylate	20.000	18.713	6.4	97	0.00
47	n-amyl Acetate	20.000	18.117	9.4	96	0.00
48 M	t-1,3-Dichloropropene	20.000	18.675	6.6	99	0.00
49 T	cis-1,3-Dichloropropene	20.000	19.200	4.0	99	0.00
50 M	1,1,2-Trichloroethane	20.000	19.626	1.9	98	0.00
51	Ethyl methacrylate	20.000	19.034	4.8	100	0.00
52	1,3-Dichloropropane	20.000	19.509	2.5	98	0.00
53 M	Dibromochloromethane	20.000	19.203	4.0	100	0.00
54 M	1,2-Dibromoethane	20.000	19.033	4.8	95	0.00
55 M	2-Chloroethyl vinyl ether	100.000	91.050	9.0	91	0.00
56 M	Bromoform	20.000	18.331	8.3	99	0.00
57 I	Chlorobenzene-d5	30.000	30.000	0.0	97	0.00
58 M	4-Methyl-2-Pentanone	100.000	95.468	4.5	95	0.00
59 M	2-Hexanone	100.000	93.865	6.1	93	0.00
60 S	4-Bromofluorobenzene	30.000	29.671	1.1	97	0.00
61 M	Tetrachloroethene	20.000	20.242	-1.2	103	0.00
62 M	Toluene	20.000	20.100	-0.5	100	0.00
63 S	Toluene-d8	30.000	30.337	-1.1	97	0.00
64 M	Chlorobenzene	20.000	19.627	1.9	100	0.00
65	1,1,1,2-Tetrachloroethane	20.000	19.590	2.1	101	0.00
66 M	Ethyl Benzene	20.000	19.724	1.4	100	0.00
67 M	m/p-Xylenes	40.000	39.345	1.6	100	0.00
68 M	o-Xylene	20.000	19.448	2.8	100	0.00
69 M	Styrene	20.000	19.186	4.1	98	0.00
70	Isopropylbenzene	20.000	19.818	0.9	100	0.00
71 M	1,1,2,2-Tetrachloroethane	20.000	19.315	3.4	98	0.00
72	1,2,3-Trichloropropane	20.000	18.144	9.3	99	0.00
73	Bromobenzene	20.000	19.266	3.7	99	0.00
74	n-propylbenzene	20.000	19.665	1.7	100	0.00
75	2-Chlorotoluene	20.000	19.562	2.2	100	0.00
76	1,3,5-Trimethylbenzene	20.000	19.822	0.9	101	0.00
77	t-1,4-Dichloro-2-butene	20.000	17.930	10.4	97	0.00
78	4-Chlorotoluene	20.000	19.780	1.1	103	0.00
79	tert-butylbenzene	20.000	19.087	4.6	97	0.00
80	1,2,4-Trimethylbenzene	20.000	19.406	3.0	100	0.00
81	sec-Butylbenzene	20.000	19.644	1.8	101	0.00
82	p-Isopropyltoluene	20.000	19.694	1.5	101	0.00
83 M	1,3-Dichlorobenzene	20.000	19.291	3.5	102	0.00
84 M	1,4-Dichlorobenzene	20.000	19.279	3.6	101	0.00
85	n-Butylbenzene	20.000	18.941	5.3	100	0.00
86 T	Hexachloroethane	20.000	18.572	7.1	101	0.00
87 M	1,2-Dichlorobenzene	20.000	19.072	4.6	99	0.00
88	1,2-Dibromo-3-Chloropropane	20.000	18.184	9.1	98	0.00
89	1,2,4-Trichlorobenzene	20.000	17.516	12.4	94	0.00
90	Hexachlorobutadiene	20.000	19.127	4.4	101	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
91 M	Naphthalene	20.000	17.659	11.7	93	0.00
92	1,2,3-Trichlorobenzene	20.000	18.107	9.5	95	0.00

(#) = Out of Range

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