

Data Path : Z:\voasrv\HPCHEM1\MSVOA X\Data\VX111219\
 Data File : VX013395.D
 Acq On : 12 Nov 2019 19:11
 Operator : JC/SP
 Sample : VSTDCCC020
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_X
 LabSampleId :
 VSTDCCC020

Quant Time: Nov 13 02:48:46 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	98	0.00
2 M	Dichlorodifluoromethane	20.000	19.103	4.5	97	0.00
3 M	Chloromethane	20.000	19.462	2.7	100	0.00
4 M	Vinyl Chloride	20.000	19.244	3.8	99	0.00
5 M	Bromomethane	20.000	17.310	13.5	100	0.00
6 M	Chloroethane	20.000	19.144	4.3	101	0.00
7 M	Trichlorofluoromethane	20.000	18.662	6.7	99	0.00
8 T	Diethyl Ether	20.000	18.809	6.0	100	0.00
9	1,1,2-Trichlorotrifluoroeth	20.000	18.185	9.1	95	0.00
10 M	1,1-Dichloroethene	20.000	18.956	5.2	101	0.00
11	Methyl Iodide	20.000	17.618	11.9	99	0.00
12	Methyl Acetate	20.000	18.034	9.8	95	0.00
13 M	Acrolein	100.000	76.440	23.6	81	0.00
14 M	Acrylonitrile	100.000	86.702	13.3	92	0.00
15 M	Acetone	100.000	82.906	17.1	77	0.00
16 M	Carbon Disulfide	20.000	18.199	9.0	98	0.00
17	Allyl chloride	20.000	18.080	9.6	95	0.00
18 M	Methylene Chloride	20.000	19.047	4.8	103	0.00
19 M	trans-1,2-Dichloroethene	20.000	18.986	5.1	102	0.00
20 T	Diisopropyl ether	20.000	18.861	5.7	100	0.00
21 M	1,1-Dichloroethane	20.000	19.041	4.8	101	0.00
22 M	cis-1,2-Dichloroethene	20.000	19.042	4.8	102	0.00
23 M	tert-Butyl Alcohol	100.000	84.569	15.4	94	0.00
24 M	Methyl tert-Butyl Ether	20.000	18.762	6.2	99	0.00
25 M	Chloroform	20.000	19.192	4.0	102	0.00
26	Cyclohexane	20.000	18.064	9.7	97	0.00
27 s	1,2-Dichloroethane-d4	30.000	29.135	2.9	98	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	90.152	9.8	88	0.00
31	2,2-Dichloropropane	20.000	18.709	6.5	95	0.00
32 M	1,1,1-Trichloroethane	20.000	19.625	1.9	100	0.00
33 M	Carbon Tetrachloride	20.000	19.299	3.5	98	0.00
34 M	Benzene	20.000	20.017	-0.1	101	0.00
35	Methacrylonitrile	20.000	18.946	5.3	96	0.00
36 M	1,2-Dichloroethane	20.000	19.904	0.5	101	0.00
37 M	Trichloroethene	20.000	19.667	1.7	102	0.00
38	Methylcyclohexane	20.000	19.250	3.8	99	0.00
39 M	1,2-Dichloropropane	20.000	19.780	1.1	101	0.00
40	Dibromomethane	20.000	19.660	1.7	100	0.00
41 M	Bromodichloromethane	20.000	19.027	4.9	96	0.00
42 M	Vinyl Acetate	100.000	96.659	3.3	98	0.00
43	Ethyl Acetate	20.000	18.121	9.4	91	0.00
44	Isopropyl Acetate	20.000	18.558	7.2	96	0.00
45 T	1,4-Dioxane	400.000	369.223	7.7	96	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
46	Methyl methacrylate	20.000	18.648	6.8	98	0.00
47	n-amyl Acetate	20.000	18.282	8.6	97	0.00
48 M	t-1,3-Dichloropropene	20.000	18.349	8.3	98	0.00
49 T	cis-1,3-Dichloropropene	20.000	19.208	4.0	99	0.00
50 M	1,1,2-Trichloroethane	20.000	19.939	0.3	100	0.00
51	Ethyl methacrylate	20.000	18.952	5.2	100	0.00
52	1,3-Dichloropropane	20.000	19.560	2.2	99	0.00
53 M	Dibromochloromethane	20.000	18.957	5.2	100	0.00
54 M	1,2-Dibromoethane	20.000	19.549	2.3	99	0.00
55 M	2-Chloroethyl vinyl ether	100.000	88.116	11.9	88	0.00
56 M	Bromoform	20.000	18.181	9.1	99	0.00
57 I	Chlorobenzene-d5	30.000	30.000	0.0	99	0.00
58 M	4-Methyl-2-Pentanone	100.000	93.830	6.2	96	0.00
59 M	2-Hexanone	100.000	91.222	8.8	92	0.00
60 S	4-Bromofluorobenzene	30.000	29.431	1.9	98	0.00
61 M	Tetrachloroethene	20.000	20.363	-1.8	106	0.00
62 M	Toluene	20.000	19.749	1.3	100	0.00
63 S	Toluene-d8	30.000	30.327	-1.1	99	0.00
64 M	Chlorobenzene	20.000	19.709	1.5	103	0.00
65	1,1,1,2-Tetrachloroethane	20.000	18.867	5.7	99	0.00
66 M	Ethyl Benzene	20.000	19.468	2.7	101	0.00
67 M	m/p-Xylenes	40.000	38.847	2.9	101	0.00
68 M	o-Xylene	20.000	19.577	2.1	103	0.00
69 M	Styrene	20.000	19.393	3.0	101	0.00
70	Isopropylbenzene	20.000	19.776	1.1	102	0.00
71 M	1,1,2,2-Tetrachloroethane	20.000	19.228	3.9	99	0.00
72	1,2,3-Trichloropropane	20.000	18.321	8.4	102	0.00
73	Bromobenzene	20.000	19.431	2.8	102	0.00
74	n-propylbenzene	20.000	19.483	2.6	102	0.00
75	2-Chlorotoluene	20.000	19.428	2.9	101	0.00
76	1,3,5-Trimethylbenzene	20.000	19.237	3.8	100	0.00
77	t-1,4-Dichloro-2-butene	20.000	16.907	15.5	93	0.00
78	4-Chlorotoluene	20.000	19.088	4.6	101	0.00
79	tert-butylbenzene	20.000	19.068	4.7	99	0.00
80	1,2,4-Trimethylbenzene	20.000	19.367	3.2	102	0.00
81	sec-Butylbenzene	20.000	19.297	3.5	102	0.00
82	p-Isopropyltoluene	20.000	19.199	4.0	101	0.00
83 M	1,3-Dichlorobenzene	20.000	19.315	3.4	104	0.00
84 M	1,4-Dichlorobenzene	20.000	19.159	4.2	103	0.00
85	n-Butylbenzene	20.000	18.637	6.8	101	0.00
86 T	Hexachloroethane	20.000	17.980	10.1	100	0.00
87 M	1,2-Dichlorobenzene	20.000	19.337	3.3	102	0.00
88	1,2-Dibromo-3-Chloropropane	20.000	17.655	11.7	97	0.00
89	1,2,4-Trichlorobenzene	20.000	18.278	8.6	100	0.00
90	Hexachlorobutadiene	20.000	18.443	7.8	100	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
91 M	Naphthalene	20.000	18.568	7.2	100	0.00
92	1,2,3-Trichlorobenzene	20.000	18.532	7.3	100	0.00

(#) = Out of Range

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