

Data Path : Z:\voasrv\HPCHEM1\MSVOA X\Data\WX120719\
 Data File : VX013837.D
 Acq On : 07 Dec 2019 13:13
 Operator : JC/SP
 Sample : VSTDCCC020
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 LabSampleId :
 VSTDCCC020

Quant Time: Dec 09 02:40:34 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	90	0.00
2 M	Dichlorodifluoromethane	20.000	18.874	5.6	88	0.00
3 M	Chloromethane	20.000	18.618	6.9	87	0.00
4 M	Vinyl Chloride	20.000	18.843	5.8	89	0.00
5 M	Bromomethane	20.000	16.558	17.2	88	0.00
6 M	Chloroethane	20.000	18.360	8.2	88	0.00
7 M	Trichlorofluoromethane	20.000	18.820	5.9	91	0.00
8 T	Diethyl Ether	20.000	18.363	8.2	90	0.00
9	1,1,2-Trichlorotrifluoroeth	20.000	19.509	2.5	93	0.00
10 M	1,1-Dichloroethene	20.000	18.261	8.7	89	0.00
11	Methyl Iodide	20.000	16.017	19.9	82	0.00
12	Methyl Acetate	20.000	17.266	13.7	83	0.00
13 M	Acrolein	100.000	89.690	10.3	87	0.00
14 M	Acrylonitrile	100.000	82.439	17.6	80	0.00
15 M	Acetone	100.000	101.536	-1.5	87	0.00
16 M	Carbon Disulfide	20.000	17.775	11.1	88	0.00
17	Allyl chloride	20.000	17.880	10.6	86	0.00
18 M	Methylene Chloride	20.000	19.122	4.4	95	0.00
19 M	trans-1,2-Dichloroethene	20.000	18.635	6.8	91	0.00
20 T	Diisopropyl ether	20.000	18.839	5.8	92	0.00
21 M	1,1-Dichloroethane	20.000	18.518	7.4	90	0.00
22 M	cis-1,2-Dichloroethene	20.000	18.777	6.1	92	0.00
23 M	tert-Butyl Alcohol	100.000	73.180	26.8	75	0.00
24 M	Methyl tert-Butyl Ether	20.000	18.309	8.5	89	0.00
25 M	Chloroform	20.000	18.720	6.4	91	0.00
26	Cyclohexane	20.000	18.761	6.2	92	0.00
27 s	1,2-Dichloroethane-d4	30.000	28.852	3.8	89	0.00
28 I	1,4-Difluorobenzene	30.000	30.000	0.0	91	0.00
29	1,1-Dichloropropene	20.000	19.461	2.7	95	0.00
30 M	2-Butanone	100.000	89.204	10.8	81	0.00
31	2,2-Dichloropropane	20.000	19.245	3.8	91	0.00
32 M	1,1,1-Trichloroethane	20.000	19.035	4.8	91	0.00
33 M	Carbon Tetrachloride	20.000	18.505	7.5	88	0.00
34 M	Benzene	20.000	19.238	3.8	91	0.00
35	Methacrylonitrile	20.000	17.908	10.5	84	0.00
36 M	1,2-Dichloroethane	20.000	18.915	5.4	89	0.00
37 M	Trichloroethene	20.000	19.261	3.7	93	0.00
38	Methylcyclohexane	20.000	19.482	2.6	94	0.00
39 M	1,2-Dichloropropane	20.000	19.120	4.4	92	0.00
40	Dibromomethane	20.000	18.380	8.1	87	0.00
41 M	Bromodichloromethane	20.000	18.459	7.7	87	0.00
42 M	Vinyl Acetate	100.000	91.252	8.7	86	0.00
43	Ethyl Acetate	20.000	16.956	15.2	79	0.00
44	Isopropyl Acetate	20.000	17.595	12.0	85	0.00
45 T	1,4-Dioxane	400.000	317.686	20.6	77	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
46	Methyl methacrylate	20.000	17.874	10.6	87	0.00
47	n-amyl Acetate	20.000	17.253	13.7	85	0.00
48 M	t-1,3-Dichloropropene	20.000	18.053	9.7	90	0.00
49 T	cis-1,3-Dichloropropene	20.000	18.634	6.8	90	0.00
50 M	1,1,2-Trichloroethane	20.000	18.846	5.8	88	0.00
51	Ethyl methacrylate	20.000	18.089	9.6	90	0.00
52	1,3-Dichloropropane	20.000	18.985	5.1	89	0.00
53 M	Dibromochloromethane	20.000	18.547	7.3	91	0.00
54 M	1,2-Dibromoethane	20.000	18.547	7.3	87	0.00
55 M	2-Chloroethyl vinyl ether	100.000	68.937	31.1#	65	0.00
56 M	Bromoform	20.000	16.986	15.1	86	0.00
57 I	Chlorobenzene-d5	30.000	30.000	0.0	91	0.00
58 M	4-Methyl-2-Pentanone	100.000	87.433	12.6	82	0.00
59 M	2-Hexanone	100.000	86.055	13.9	80	0.00
60 S	4-Bromofluorobenzene	30.000	29.893	0.4	92	0.00
61 M	Tetrachloroethene	20.000	20.402	-2.0	99	0.00
62 M	Toluene	20.000	19.054	4.7	90	0.00
63 S	Toluene-d8	30.000	30.010	-0.0	91	0.00
64 M	Chlorobenzene	20.000	19.403	3.0	94	0.00
65	1,1,1,2-Tetrachloroethane	20.000	18.749	6.3	91	0.00
66 M	Ethyl Benzene	20.000	19.489	2.6	93	0.00
67 M	m/p-Xylenes	40.000	38.687	3.3	93	0.00
68 M	o-Xylene	20.000	19.321	3.4	94	0.00
69 M	Styrene	20.000	19.029	4.9	92	0.00
70	Isopropylbenzene	20.000	19.343	3.3	92	0.00
71 M	1,1,2,2-Tetrachloroethane	20.000	18.056	9.7	86	0.00
72	1,2,3-Trichloropropane	20.000	19.655	1.7	101	0.00
73	Bromobenzene	20.000	18.875	5.6	92	0.00
74	n-propylbenzene	20.000	19.568	2.2	95	0.00
75	2-Chlorotoluene	20.000	19.380	3.1	93	0.00
76	1,3,5-Trimethylbenzene	20.000	19.389	3.1	94	0.00
77	t-1,4-Dichloro-2-butene	20.000	15.862	20.7	81	0.00
78	4-Chlorotoluene	20.000	19.209	4.0	94	0.00
79	tert-butylbenzene	20.000	18.822	5.9	91	0.00
80	1,2,4-Trimethylbenzene	20.000	19.303	3.5	94	0.00
81	sec-Butylbenzene	20.000	19.585	2.1	96	0.00
82	p-Isopropyltoluene	20.000	19.390	3.0	95	0.00
83 M	1,3-Dichlorobenzene	20.000	19.137	4.3	95	0.00
84 M	1,4-Dichlorobenzene	20.000	19.362	3.2	96	0.00
85	n-Butylbenzene	20.000	19.298	3.5	97	0.00
86 T	Hexachloroethane	20.000	18.196	9.0	93	0.00
87 M	1,2-Dichlorobenzene	20.000	18.944	5.3	93	0.00
88	1,2-Dibromo-3-Chloropropane	20.000	16.925	15.4	86	0.00
89	1,2,4-Trichlorobenzene	20.000	18.336	8.3	93	0.00
90	Hexachlorobutadiene	20.000	19.166	4.2	96	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
91 M	Naphthalene	20.000	17.157	14.2	85	0.00
92	1,2,3-Trichlorobenzene	20.000	18.236	8.8	91	0.00

(#) = Out of Range

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