

Data Path : Z:\voasrv\HPCHEM1\MSVOA X\Data\WX080718\
 Data File : VX003895.D
 Acq On : 07 Aug 2018 22:19
 Operator : JC/MD
 Sample : VSTDCCC020
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_X
 LabSampleId :
 VSTDCCC020

Quant Time: Aug 08 04:22:33 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA X\METHOD\624X072718W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Fri Jul 27 16:17:43 2018
 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	296	0.00
2 M	Dichlorodifluoromethane	20.000	27.326	-36.6#	448	0.00
3 M	Chloromethane	20.000	20.528	-2.6	336	0.00
4 M	Vinyl Chloride	20.000	19.802	1.0	324	0.00
5 M	Bromomethane	20.000	19.668	1.7	342	0.00
6 M	Chloroethane	20.000	20.186	-0.9	328	0.00
7 M	Trichlorofluoromethane	20.000	19.002	5.0	315	0.00
8 T	Diethyl Ether	20.000	19.321	3.4	320	0.00
9	1,1,2-Trichlorotrifluoroeth	20.000	19.159	4.2	313	0.00
10 M	1,1-Dichloroethene	20.000	19.004	5.0	313	0.00
11	Methyl Iodide	20.000	17.259	13.7	287	0.00
12	Methyl Acetate	20.000	21.658	-8.3	343	0.00
13 M	Acrolein	100.000	126.546	-26.5	367	0.00
14 M	Acrylonitrile	100.000	90.253	9.7	291	0.00
15 M	Acetone	100.000	93.067	6.9	300	0.00
16 M	Carbon Disulfide	20.000	18.290	8.6	306	0.00
17	Allyl chloride	20.000	17.629	11.9	290	0.00
18 M	Methylene Chloride	20.000	19.601	2.0	317	0.00
19 M	trans-1,2-Dichloroethene	20.000	19.032	4.8	309	0.00
20 T	Diisopropyl ether	20.000	17.229	13.9	275	0.00
21 M	1,1-Dichloroethane	20.000	18.624	6.9	303	0.00
22 M	cis-1,2-Dichloroethene	20.000	20.937	-4.7	319	0.00
23 M	tert-Butyl Alcohol	100.000	95.816	4.2	306	0.00
24 M	Methyl tert-Butyl Ether	20.000	18.697	6.5	308	0.00
25 M	Chloroform	20.000	20.389	-1.9	308	0.00
26	Cyclohexane	20.000	19.833	0.8	309	0.00
27 s	1,2-Dichloroethane-d4	30.000	28.411	5.3	294	0.00
28 I	1,4-Difluorobenzene	30.000	30.000	0.0	310	0.00
29	1,1-Dichloropropene	20.000	20.146	-0.7	317	0.00
30 M	2-Butanone	100.000	94.100	5.9	283	0.00
31	2,2-Dichloropropane	20.000	16.263	18.7	252	0.00
32 M	1,1,1-Trichloroethane	20.000	19.681	1.6	310	0.00
33 M	Carbon Tetrachloride	20.000	19.486	2.6	302	0.00
34 M	Benzene	20.000	20.371	-1.9	313	0.00
35	Methacrylonitrile	20.000	18.688	6.6	292	0.00
36 M	1,2-Dichloroethane	20.000	19.535	2.3	306	0.00
37 M	Trichloroethene	20.000	20.388	-1.9	319	0.00
38	Methylcyclohexane	20.000	19.659	1.7	315	0.00
39 M	1,2-Dichloropropane	20.000	19.247	3.8	301	0.00
40	Dibromomethane	20.000	19.480	2.6	303	0.00
41 M	Bromodichloromethane	20.000	19.149	4.3	308	0.00
42 M	Vinyl Acetate	100.000	75.827	24.2	255	0.00
43	Ethyl Acetate	20.000	18.252	8.7	280	0.00
44	Isopropyl Acetate	20.000	18.225	8.9	289	0.00
45 T	1,4-Dioxane	400.000	408.256	-2.1	310	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
46	Methyl methacrylate	20.000	18.944	5.3	301	0.00
47	n-amyl Acetate	20.000	16.372	18.1	281	0.00
48 M	t-1,3-Dichloropropene	20.000	18.501	7.5	298	0.00
49 T	cis-1,3-Dichloropropene	20.000	17.700	11.5	304	0.00
50 M	1,1,2-Trichloroethane	20.000	19.195	4.0	314	0.00
51	Ethyl methacrylate	20.000	17.680	11.6	304	0.00
52	1,3-Dichloropropane	20.000	19.622	1.9	325	0.00
53 M	Dibromochloromethane	20.000	18.579	7.1	317	0.00
54 M	1,2-Dibromoethane	20.000	19.049	4.8	319	0.00
55 M	2-Chloroethyl vinyl ether	100.000	89.287	10.7	289	0.00
56 M	Bromoform	20.000	17.936	10.3	316	0.00
57 I	Chlorobenzene-d5	30.000	30.000	0.0	314	0.00
58 M	4-Methyl-2-Pentanone	100.000	97.596	2.4	289	0.00
59 M	2-Hexanone	100.000	93.997	6.0	290	0.00
60 S	4-Bromofluorobenzene	30.000	29.194	2.7	308	0.00
61 M	Tetrachloroethene	20.000	21.576	-7.9	347	0.00
62 M	Toluene	20.000	20.623	-3.1	314	0.00
63 S	Toluene-d8	30.000	29.632	1.2	298	0.00
64 M	Chlorobenzene	20.000	20.734	-3.7	322	0.00
65	1,1,1,2-Tetrachloroethane	20.000	20.666	-3.3	323	0.00
66 M	Ethyl Benzene	20.000	19.997	0.0	316	0.00
67 M	m/p-Xylenes	40.000	41.685	-4.2	325	0.00
68 M	o-Xylene	20.000	20.718	-3.6	326	0.00
69 M	Styrene	20.000	19.956	0.2	313	0.00
70	Isopropylbenzene	20.000	20.060	-0.3	320	0.00
71 M	1,1,2,2-Tetrachloroethane	20.000	19.166	4.2	303	0.00
72	1,2,3-Trichloropropane	20.000	20.203	-1.0	318	0.00
73	Bromobenzene	20.000	19.766	1.2	323	0.00
74	n-propylbenzene	20.000	19.485	2.6	311	0.00
75	2-Chlorotoluene	20.000	19.943	0.3	314	0.00
76	1,3,5-Trimethylbenzene	20.000	19.502	2.5	312	0.00
77	t-1,4-Dichloro-2-butene	20.000	16.507	17.5	277	0.00
78	4-Chlorotoluene	20.000	19.361	3.2	308	0.00
79	tert-butylbenzene	20.000	18.543	7.3	296	0.00
80	1,2,4-Trimethylbenzene	20.000	19.657	1.7	312	0.00
81	sec-Butylbenzene	20.000	19.562	2.2	315	0.00
82	p-Isopropyltoluene	20.000	18.543	7.3	296	0.00
83 M	1,3-Dichlorobenzene	20.000	18.437	7.8	294	0.00
84 M	1,4-Dichlorobenzene	20.000	18.722	6.4	297	0.00
85	n-Butylbenzene	20.000	16.247	18.8	269	0.00
86 T	Hexachloroethane	20.000	16.224	18.9	266	0.00
87 M	1,2-Dichlorobenzene	20.000	17.668	11.7	281	0.00
88	1,2-Dibromo-3-Chloropropane	20.000	15.781	21.1	262	0.00
89	1,2,4-Trichlorobenzene	20.000	19.298	3.5	317	0.00
90	Hexachlorobutadiene	20.000	19.571	2.1	311	0.00

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	Compound	Amount	Calc.	%Dev	Area	% Dev(min)
91 M	Naphthalene	20.000	19.851	0.7	317	0.00
92	1,2,3-Trichlorobenzene	20.000	20.238	-1.2	320	0.00

(#) = Out of Range

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