

Data Path : Z:\voasrv\HPCHEM1\MSVOA X\Data\VX080718\
 Data File : VX003913.D
 Acq On : 08 Aug 2018 07:10
 Operator : JC/MD
 Sample : VSTDCCC020
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 47 Sample Multiplier: 1

Instrument :
 MSVOA_X
 LabSampleId :
 VSTDCCC020

Quant Time: Aug 08 08:44:37 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	300	0.00
2 M	Dichlorodifluoromethane	20.000	26.405	-32.0#	439	0.00
3 M	Chloromethane	20.000	19.623	1.9	325	0.00
4 M	Vinyl Chloride	20.000	19.975	0.1	331	0.00
5 M	Bromomethane	20.000	19.007	5.0	335	0.00
6 M	Chloroethane	20.000	19.985	0.1	329	0.00
7 M	Trichlorofluoromethane	20.000	19.169	4.2	322	0.00
8 T	Diethyl Ether	20.000	19.679	1.6	330	0.00
9	1,1,2-Trichlorotrifluoroeth	20.000	18.777	6.1	311	0.00
10 M	1,1-Dichloroethene	20.000	19.369	3.2	323	0.00
11	Methyl Iodide	20.000	17.336	13.3	292	0.00
12	Methyl Acetate	20.000	0.024	99.9#	0	0.10
13 M	Acrolein	100.000	107.940	-7.9	317	0.00
14 M	Acrylonitrile	100.000	86.592	13.4	283	0.00
15 M	Acetone	100.000	90.687	9.3	296	0.00
16 M	Carbon Disulfide	20.000	18.027	9.9	305	0.00
17	Allyl chloride	20.000	16.299	18.5	271	0.00
18 M	Methylene Chloride	20.000	19.062	4.7	312	0.00
19 M	trans-1,2-Dichloroethene	20.000	19.161	4.2	315	0.00
20 T	Diisopropyl ether	20.000	17.350	13.2	281	0.00
21 M	1,1-Dichloroethane	20.000	17.546	12.3	289	0.00
22 M	cis-1,2-Dichloroethene	20.000	21.073	-5.4	325	0.00
23 M	tert-Butyl Alcohol	100.000	92.589	7.4	299	0.00
24 M	Methyl tert-Butyl Ether	20.000	0.011	99.9#	0	0.09
25 M	Chloroform	20.000	20.199	-1.0	309	0.00
26	Cyclohexane	20.000	19.771	1.1	312	0.00
27 s	1,2-Dichloroethane-d4	30.000	28.398	5.3	298	0.00
28 I	1,4-Difluorobenzene	30.000	30.000	0.0	320	0.00
29	1,1-Dichloropropene	20.000	19.600	2.0	319	0.00
30 M	2-Butanone	100.000	87.495	12.5	272	0.00
31	2,2-Dichloropropane	20.000	9.734	51.3#	156	0.00
32 M	1,1,1-Trichloroethane	20.000	19.270	3.7	314	0.00
33 M	Carbon Tetrachloride	20.000	18.970	5.2	304	0.00
34 M	Benzene	20.000	19.839	0.8	315	0.00
35	Methacrylonitrile	20.000	17.910	10.4	289	0.00
36 M	1,2-Dichloroethane	20.000	18.878	5.6	305	0.00
37 M	Trichloroethene	20.000	20.128	-0.6	325	0.00
38	Methylcyclohexane	20.000	18.858	5.7	313	0.00
39 M	1,2-Dichloropropane	20.000	18.901	5.5	305	0.00
40	Dibromomethane	20.000	18.692	6.5	300	0.00
41 M	Bromodichloromethane	20.000	18.269	8.7	304	0.00
42 M	Vinyl Acetate	100.000	72.865	27.1	253	0.00
43	Ethyl Acetate	20.000	17.008	15.0	269	0.00
44	Isopropyl Acetate	20.000	17.476	12.6	286	0.00
45 T	1,4-Dioxane	400.000	399.293	0.2	314	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
46	Methyl methacrylate	20.000	17.889	10.6	293	0.00
47	n-amyl Acetate	20.000	15.922	20.4	282	0.00
48 M	t-1,3-Dichloropropene	20.000	16.781	16.1	280	0.00
49 T	cis-1,3-Dichloropropene	20.000	16.155	19.2	287	0.00
50 M	1,1,2-Trichloroethane	20.000	18.631	6.8	315	0.00
51	Ethyl methacrylate	20.000	17.233	13.8	306	0.00
52	1,3-Dichloropropane	20.000	18.852	5.7	322	0.00
53 M	Dibromochloromethane	20.000	17.944	10.3	316	0.00
54 M	1,2-Dibromoethane	20.000	18.230	8.8	315	0.00
55 M	2-Chloroethyl vinyl ether	100.000	88.042	12.0	295	0.00
56 M	Bromoform	20.000	17.238	13.8	313	0.00
57 I	Chlorobenzene-d5	30.000	30.000	0.0	322	0.00
58 M	4-Methyl-2-Pentanone	100.000	92.891	7.1	282	0.00
59 M	2-Hexanone	100.000	88.556	11.4	280	0.00
60 S	4-Bromofluorobenzene	30.000	29.640	1.2	321	0.00
61 M	Tetrachloroethene	20.000	22.500	-12.5	371	0.00
62 M	Toluene	20.000	20.380	-1.9	318	0.00
63 S	Toluene-d8	30.000	29.627	1.2	305	0.00
64 M	Chlorobenzene	20.000	20.264	-1.3	322	0.00
65	1,1,1,2-Tetrachloroethane	20.000	19.820	0.9	318	0.00
66 M	Ethyl Benzene	20.000	19.871	0.6	321	0.00
67 M	m/p-Xylenes	40.000	40.919	-2.3	327	0.00
68 M	o-Xylene	20.000	20.515	-2.6	331	0.00
69 M	Styrene	20.000	19.677	1.6	316	0.00
70	Isopropylbenzene	20.000	19.980	0.1	327	0.00
71 M	1,1,2,2-Tetrachloroethane	20.000	18.422	7.9	299	0.00
72	1,2,3-Trichloropropane	20.000	19.105	4.5	308	0.00
73	Bromobenzene	20.000	19.335	3.3	323	0.00
74	n-propylbenzene	20.000	18.974	5.1	310	0.00
75	2-Chlorotoluene	20.000	19.704	1.5	318	0.00
76	1,3,5-Trimethylbenzene	20.000	19.274	3.6	316	0.00
77	t-1,4-Dichloro-2-butene	20.000	13.600	32.0#	233	0.00
78	4-Chlorotoluene	20.000	19.391	3.0	316	0.00
79	tert-butylbenzene	20.000	19.421	2.9	318	0.00
80	1,2,4-Trimethylbenzene	20.000	19.581	2.1	319	0.00
81	sec-Butylbenzene	20.000	19.254	3.7	317	0.00
82	p-Isopropyltoluene	20.000	19.421	2.9	318	0.00
83 M	1,3-Dichlorobenzene	20.000	19.540	2.3	319	0.00
84 M	1,4-Dichlorobenzene	20.000	19.621	1.9	319	0.00
85	n-Butylbenzene	20.000	15.875	20.6	269	0.00
86 T	Hexachloroethane	20.000	16.085	19.6	270	0.00
87 M	1,2-Dichlorobenzene	20.000	17.012	14.9	278	0.00
88	1,2-Dibromo-3-Chloropropane	20.000	15.285	23.6	260	0.00
89	1,2,4-Trichlorobenzene	20.000	17.519	12.4	295	0.00
90	Hexachlorobutadiene	20.000	18.689	6.6	304	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
91 M	Naphthalene	20.000	19.618	1.9	321	0.00
92	1,2,3-Trichlorobenzene	20.000	19.583	2.1	317	0.00

(#) = Out of Range

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