

Data Path : Z:\voasrv\HPCHEM1\MSVOA X\Data\WX080218\
 Data File : VX003819.D
 Acq On : 02 Aug 2018 12:03
 Operator : JC/MD
 Sample : VSTDCCC020
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 LabSampleId :
 VSTDCCC020

Quant Time: Aug 03 03:25:57 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	99	0.00
2 M	Dichlorodifluoromethane	20.000	26.312	-31.6#	144	0.00
3 M	Chloromethane	20.000	24.125	-20.6	132	0.00
4 M	Vinyl Chloride	20.000	17.513	12.4	96	0.00
5 M	Bromomethane	20.000	15.593	22.0	91	0.00
6 M	Chloroethane	20.000	16.890	15.5	92	0.00
7 M	Trichlorofluoromethane	20.000	17.457	12.7	97	0.00
8 T	Diethyl Ether	20.000	16.743	16.3	93	0.00
9	1,1,2-Trichlorotrifluoroeth	20.000	17.626	11.9	96	0.00
10 M	1,1-Dichloroethene	20.000	18.261	8.7	101	0.00
11	Methyl Iodide	20.000	13.873	30.6#	77	0.00
12	Methyl Acetate	20.000	6.022	69.9#	32	0.43
13 M	Acrolein	100.000	117.904	-17.9	114	0.00
14 M	Acrylonitrile	100.000	79.013	21.0	85	0.00
15 M	Acetone	100.000	86.233	13.8	93	0.00
16 M	Carbon Disulfide	20.000	17.458	12.7	98	0.00
17	Allyl chloride	20.000	16.075	19.6	88	0.00
18 M	Methylene Chloride	20.000	18.201	9.0	98	0.00
19 M	trans-1,2-Dichloroethene	20.000	16.832	15.8	91	0.00
20 T	Diisopropyl ether	20.000	16.583	17.1	89	0.00
21 M	1,1-Dichloroethane	20.000	16.808	16.0	91	0.00
22 M	cis-1,2-Dichloroethene	20.000	20.518	-2.6	105	0.00
23 M	tert-Butyl Alcohol	100.000	79.030	21.0	84	-0.01
24 M	Methyl tert-Butyl Ether	20.000	16.920	15.4	93	-0.01
25 M	Chloroform	20.000	19.363	3.2	98	0.00
26	Cyclohexane	20.000	19.233	3.8	100	-0.01
27 s	1,2-Dichloroethane-d4	30.000	27.261	9.1	95	0.00
28 I	1,4-Difluorobenzene	30.000	30.000	0.0	92	0.00
29	1,1-Dichloropropene	20.000	20.756	-3.8	97	0.00
30 M	2-Butanone	100.000	104.061	-4.1	93	-0.01
31	2,2-Dichloropropane	20.000	22.769	-13.8	104	-0.01
32 M	1,1,1-Trichloroethane	20.000	20.597	-3.0	96	0.00
33 M	Carbon Tetrachloride	20.000	21.076	-5.4	97	-0.01
34 M	Benzene	20.000	21.064	-5.3	96	-0.01
35	Methacrylonitrile	20.000	21.212	-6.1	98	0.00
36 M	1,2-Dichloroethane	20.000	19.547	2.3	91	0.00
37 M	Trichloroethene	20.000	20.133	-0.7	93	0.00
38	Methylcyclohexane	20.000	19.616	1.9	93	0.00
39 M	1,2-Dichloropropane	20.000	19.842	0.8	92	0.00
40	Dibromomethane	20.000	19.983	0.1	92	0.00
41 M	Bromodichloromethane	20.000	19.280	3.6	92	0.00
42 M	Vinyl Acetate	100.000	84.006	16.0	84	-0.01
43	Ethyl Acetate	20.000	21.423	-7.1	97	0.00
44	Isopropyl Acetate	20.000	18.752	6.2	88	0.00
45 T	1,4-Dioxane	400.000	385.932	3.5	87	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
46	Methyl methacrylate	20.000	19.059	4.7	89	0.00
47	n-amyl Acetate	20.000	17.570	12.1	89	0.00
48 M	t-1,3-Dichloropropene	20.000	19.897	0.5	95	0.00
49 T	cis-1,3-Dichloropropene	20.000	19.264	3.7	98	0.00
50 M	1,1,2-Trichloroethane	20.000	19.306	3.5	94	0.00
51	Ethyl methacrylate	20.000	17.994	10.0	92	0.00
52	1,3-Dichloropropane	20.000	19.182	4.1	94	0.00
53 M	Dibromochloromethane	20.000	19.455	2.7	98	0.00
54 M	1,2-Dibromoethane	20.000	19.264	3.7	95	0.00
55 M	2-Chloroethyl vinyl ether	100.000	92.048	8.0	88	0.00
56 M	Bromoform	20.000	19.115	4.4	100	0.00
57 I	Chlorobenzene-d5	30.000	30.000	0.0	94	0.00
58 M	4-Methyl-2-Pentanone	100.000	96.850	3.2	86	0.00
59 M	2-Hexanone	100.000	92.511	7.5	86	0.00
60 S	4-Bromofluorobenzene	30.000	30.135	-0.5	96	0.00
61 M	Tetrachloroethene	20.000	20.737	-3.7	100	0.00
62 M	Toluene	20.000	20.021	-0.1	92	0.00
63 S	Toluene-d8	30.000	29.728	0.9	90	0.00
64 M	Chlorobenzene	20.000	20.217	-1.1	94	0.00
65	1,1,1,2-Tetrachloroethane	20.000	20.454	-2.3	96	0.00
66 M	Ethyl Benzene	20.000	19.613	1.9	93	0.00
67 M	m/p-Xylenes	40.000	40.340	-0.9	95	0.00
68 M	o-Xylene	20.000	20.101	-0.5	95	0.00
69 M	Styrene	20.000	19.840	0.8	94	0.00
70	Isopropylbenzene	20.000	19.569	2.2	94	0.00
71 M	1,1,2,2-Tetrachloroethane	20.000	19.171	4.1	91	0.00
72	1,2,3-Trichloropropane	20.000	20.859	-4.3	99	0.00
73	Bromobenzene	20.000	20.355	-1.8	100	0.00
74	n-propylbenzene	20.000	19.560	2.2	94	0.00
75	2-Chlorotoluene	20.000	19.833	0.8	94	0.00
76	1,3,5-Trimethylbenzene	20.000	19.711	1.4	95	0.00
77	t-1,4-Dichloro-2-butene	20.000	19.475	2.6	98	0.00
78	4-Chlorotoluene	20.000	19.761	1.2	95	0.00
79	tert-butylbenzene	20.000	19.990	0.1	96	0.00
80	1,2,4-Trimethylbenzene	20.000	19.780	1.1	94	0.00
81	sec-Butylbenzene	20.000	19.779	1.1	96	0.00
82	p-Isopropyltoluene	20.000	19.990	0.1	96	0.00
83 M	1,3-Dichlorobenzene	20.000	20.721	-3.6	99	0.00
84 M	1,4-Dichlorobenzene	20.000	20.956	-4.8	100	0.00
85	n-Butylbenzene	20.000	19.600	2.0	98	0.00
86 T	Hexachloroethane	20.000	18.305	8.5	90	0.00
87 M	1,2-Dichlorobenzene	20.000	20.692	-3.5	99	0.00
88	1,2-Dibromo-3-Chloropropane	20.000	19.008	5.0	95	0.00
89	1,2,4-Trichlorobenzene	20.000	21.922	-9.6	108	0.00
90	Hexachlorobutadiene	20.000	22.265	-11.3	106	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
91 M	Naphthalene	20.000	20.842	-4.2	100	0.00
92	1,2,3-Trichlorobenzene	20.000	21.986	-9.9	105	0.00

(#) = Out of Range

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