

Data Path : Z:\voasrv\HPCHEM1\MSVOA U\Data\VU082819\
 Data File : VU033996.D
 Acq On : 28 Aug 2019 01:28
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 MSVOA_U
 LabSampleId :
 VSTDCCC050

Quant Time: Aug 28 05:10:13 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\82U082819W.M
 Quant Title : SW846 8260
 QLast Update : Wed Aug 28 02:42:03 2019
 Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
 Max. RRF Dev : 20% Max. Rel. Area : 150%

	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
1 I	Pentafluorobenzene	50.000	50.000	0.0	108	0.00
2 T	Dichlorodifluoromethane	50.000	56.387	-12.8	124	0.00
3 P	Chloromethane	50.000	69.066	-38.1#	180	0.00
4 C	Vinyl Chloride	50.000	73.567	-47.1#	170	0.00
5 T	Bromomethane	50.000	53.553	-7.1	119	-0.03
6 T	Chloroethane	50.000	53.385	-6.8	125	-0.01
7 T	Trichlorofluoromethane	50.000	48.679	2.6	108	0.00
8 T	Diethyl Ether	50.000	54.905	-9.8	122	0.00
9 T	1,1,2-Trichlorotrifluoroeth	50.000	54.107	-8.2	115	0.00
10 T	Methyl Iodide	50.000	57.366	-14.7	121	0.00
11 T	Tert butyl alcohol	250.000	280.943	-12.4	129	-0.06
12 CM	1,1-Dichloroethene	50.000	54.550	-9.1#	120	0.00
13 T	Acrolein	250.000	272.281	-8.9	128	0.00
14 T	Allyl chloride	50.000	64.958	-29.9#	143	0.00
15 T	Acrylonitrile	250.000	322.566	-29.0#	140	0.00
16 T	Acetone	250.000	292.053	-16.8	130	-0.02
17 T	Carbon Disulfide	50.000	56.971	-13.9	132	0.00
18 T	Methyl Acetate	50.000	67.794	-35.6#	151	0.00
19 T	Methyl tert-butyl Ether	50.000	61.028	-22.1#	131	0.00
20 T	Methylene Chloride	50.000	55.915	-11.8	129	0.00
21 T	trans-1,2-Dichloroethene	50.000	56.270	-12.5	124	0.00
22 T	Diisopropyl ether	50.000	68.789	-37.6#	148	0.00
23 T	Vinyl Acetate	250.000	350.828	-40.3#	146	0.00
24 P	1,1-Dichloroethane	50.000	61.766	-23.5#	135	0.00
25 T	2-Butanone	250.000	333.905	-33.6#	143	-0.02
26 T	2,2-Dichloropropane	50.000	46.022	8.0	102	0.00
27 T	cis-1,2-Dichloroethene	50.000	56.716	-13.4	126	0.00
28 T	Bromochloromethane	50.000	67.938	-35.9#	145	0.00
29 T	Tetrahydrofuran	250.000	345.576	-38.2#	148	-0.01
30 C	Chloroform	50.000	57.690	-15.4#	131	0.00
31 T	Cyclohexane	50.000	60.087	-20.2#	135	0.00
32 T	1,1,1-Trichloroethane	50.000	57.549	-15.1	126	0.00
33 S	1,2-Dichloroethane-d4	50.000	61.314	-22.6#	135	0.00
34 I	1,4-Difluorobenzene	50.000	50.000	0.0	119	0.00
35 S	Dibromofluoromethane	50.000	50.006	-0.0	120	0.00
36 T	1,1-Dichloropropene	50.000	52.551	-5.1	129	0.00
37 T	Ethyl Acetate	50.000	62.262	-24.5#	143	0.00
38 T	Carbon Tetrachloride	50.000	50.640	-1.3	123	0.00
39 T	Methylcyclohexane	50.000	51.411	-2.8	122	0.00
40 TM	Benzene	50.000	54.328	-8.7	131	0.00
41 T	Methacrylonitrile	50.000	65.202	-30.4#	149	0.00
42 TM	1,2-Dichloroethane	50.000	57.003	-14.0	137	0.00
43 T	Isopropyl Acetate	50.000	62.981	-26.0#	149	0.00
44 TM	Trichloroethene	50.000	47.496	5.0	116	0.00
45 C	1,2-Dichloropropane	50.000	57.437	-14.9#	138	0.00

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Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
 Max. RRF Dev : 20% Max. Rel. Area : 150%

	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
46 T	Dibromomethane	50.000	52.967	-5.9	128	0.00
47 T	Bromodichloromethane	50.000	54.985	-10.0	132	0.00
48 T	Methyl methacrylate	50.000	65.556	-31.1#	156	0.00
49 T	1,4-Dioxane	1000.000	1099.268	-9.9	121	-0.06
50 S	Toluene-d8	50.000	46.428	7.1	108	0.00
51 T	4-Methyl-2-Pentanone	250.000	244.571	2.2	119	0.00
52 CM	Toluene	50.000	46.996	6.0#	113	0.00
53 T	t-1,3-Dichloropropene	50.000	45.600	8.8	111	0.00
54 T	cis-1,3-Dichloropropene	50.000	55.037	-10.1	129	0.00
55 T	1,1,2-Trichloroethane	50.000	46.498	7.0	118	0.00
56 T	Ethyl methacrylate	50.000	45.968	8.1	120	0.00
57 T	1,3-Dichloropropane	50.000	48.538	2.9	117	0.00
58 T	2-Chloroethyl Vinyl ether	250.000	274.715	-9.9	136	0.00
59 T	2-Hexanone	250.000	277.113	-10.8	133	0.00
60 T	Dibromochloromethane	50.000	46.944	6.1	117	0.00
61 T	1,2-Dibromoethane	50.000	48.420	3.2	119	0.00
62 S	4-Bromofluorobenzene	50.000	41.468	17.1	106	0.00
63 I	Chlorobenzene-d5	50.000	50.000	0.0	118	0.00
64 T	Tetrachloroethene	50.000	41.487	17.0	97	0.00
65 PM	Chlorobenzene	50.000	48.909	2.2	117	0.00
66 T	1,1,1,2-Tetrachloroethane	50.000	48.679	2.6	115	0.00
67 C	Ethyl Benzene	50.000	54.907	-9.8#	128	0.00
68 T	m/p-Xylenes	100.000	110.894	-10.9	127	0.00
69 T	o-Xylene	50.000	55.986	-12.0	129	0.00
70 T	Styrene	50.000	57.360	-14.7	130	0.00
71 P	Bromoform	50.000	47.784	4.4	114	0.00
72 I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	121	0.00
73 T	Isopropylbenzene	50.000	53.342	-6.7	129	0.00
74 T	N-amyl acetate	50.000	66.282	-32.6#	153	0.00
75 P	1,1,2,2-Tetrachloroethane	50.000	43.523	13.0	112	0.00
76 T	1,2,3-Trichloropropane	50.000	42.625	14.8	106	0.00
77 T	Bromobenzene	50.000	42.438	15.1	107	0.00
78 T	n-propylbenzene	50.000	45.035	9.9	108	0.00
79 T	2-Chlorotoluene	50.000	44.793	10.4	111	0.00
80 T	1,3,5-Trimethylbenzene	50.000	46.723	6.6	111	0.00
81 T	trans-1,4-Dichloro-2-butene	50.000	41.637	16.7	96	0.00
82 T	4-Chlorotoluene	50.000	45.404	9.2	111	0.00
83 T	tert-Butylbenzene	50.000	51.579	-3.2	126	0.00
84 T	1,2,4-Trimethylbenzene	50.000	52.007	-4.0	122	0.00
85 T	sec-Butylbenzene	50.000	50.661	-1.3	121	0.00
86 T	p-Isopropyltoluene	50.000	52.436	-4.9	124	0.00
87 T	1,3-Dichlorobenzene	50.000	47.704	4.6	119	0.00
88 T	1,4-Dichlorobenzene	50.000	47.944	4.1	121	0.00
89 T	n-Butylbenzene	50.000	55.647	-11.3	128	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
90 T	Hexachloroethane	50.000	53.510	-7.0	132	0.00
91 T	1,2-Dichlorobenzene	50.000	48.632	2.7	121	0.00
92 T	1,2-Dibromo-3-Chloropropane	50.000	58.532	-17.1	133	0.00
93 T	1,2,4-Trichlorobenzene	50.000	44.772	10.5	108	0.00
94 T	Hexachlorobutadiene	50.000	42.223	15.6	105	0.00
95 T	Naphthalene	50.000	48.301	3.4	114	0.00
96 T	1,2,3-Trichlorobenzene	50.000	49.757	0.5	109	0.00

(#) = Out of Range

SPCC's out = 0 CCC's out = 6