

Data Path : Z:\voasrv\HPCHEM1\MSVOA U\Data\VU090619\
 Data File : VU034285.D
 Acq On : 05 Sep 2019 15:49
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_U
 LabSampleId :
 VSTDCCC050

Quant Time: Sep 06 08:00:33 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\82U090619W.M
 Quant Title : SW846 8260
 QLast Update : Fri Sep 06 05:10:13 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	103	0.00
2 T	Dichlorodifluoromethane	50.000	48.296	3.4	108	0.00
3 P	Chloromethane	50.000	50.610	-1.2	106	0.00
4 C	Vinyl Chloride	50.000	47.278	5.4#	108	0.00
5 T	Bromomethane	50.000	55.034	-10.1	112	0.00
6 T	Chloroethane	50.000	50.894	-1.8	104	0.00
7 T	Trichlorofluoromethane	50.000	48.198	3.6	108	0.00
8 T	Diethyl Ether	50.000	48.521	3.0	108	0.00
9 T	1,1,2-Trichlorotrifluoroeth	50.000	49.399	1.2	112	0.00
10 T	Methyl Iodide	50.000	44.144	11.7	94	0.00
11 T	Tert butyl alcohol	250.000	261.489	-4.6	112	0.00
12 CM	1,1-Dichloroethene	50.000	48.924	2.2#	109	0.00
13 T	Acrolein	250.000	194.518	22.2#	84	0.00
14 T	Allyl chloride	50.000	48.906	2.2	108	0.00
15 T	Acrylonitrile	250.000	259.102	-3.6	106	0.00
16 T	Acetone	250.000	257.182	-2.9	116	0.00
17 T	Carbon Disulfide	50.000	45.693	8.6	105	0.00
18 T	Methyl Acetate	50.000	47.265	5.5	107	0.00
19 T	Methyl tert-butyl Ether	50.000	51.891	-3.8	110	0.00
20 T	Methylene Chloride	50.000	51.828	-3.7	108	0.00
21 T	trans-1,2-Dichloroethene	50.000	48.901	2.2	109	0.00
22 T	Diisopropyl ether	50.000	52.496	-5.0	110	0.00
23 T	Vinyl Acetate	250.000	269.987	-8.0	110	0.00
24 P	1,1-Dichloroethane	50.000	48.481	3.0	107	0.00
25 T	2-Butanone	250.000	271.365	-8.5	111	0.00
26 T	2,2-Dichloropropane	50.000	50.669	-1.3	112	0.00
27 T	cis-1,2-Dichloroethene	50.000	51.000	-2.0	112	0.00
28 T	Bromochloromethane	50.000	48.245	3.5	97	0.00
29 T	Tetrahydrofuran	250.000	263.397	-5.4	106	0.00
30 C	Chloroform	50.000	47.462	5.1#	107	0.00
31 T	Cyclohexane	50.000	49.729	0.5	110	0.00
32 T	1,1,1-Trichloroethane	50.000	49.101	1.8	109	0.00
33 S	1,2-Dichloroethane-d4	50.000	51.121	-2.2	106	0.00
34 I	1,4-Difluorobenzene	50.000	50.000	0.0	104	0.00
35 S	Dibromofluoromethane	50.000	50.715	-1.4	107	0.00
36 T	1,1-Dichloropropene	50.000	50.154	-0.3	111	0.00
37 T	Ethyl Acetate	50.000	52.106	-4.2	109	0.00
38 T	Carbon Tetrachloride	50.000	48.959	2.1	108	0.00
39 T	Methylcyclohexane	50.000	52.963	-5.9	114	0.00
40 TM	Benzene	50.000	49.438	1.1	108	0.00
41 T	Methacrylonitrile	50.000	53.992	-8.0	108	0.00
42 TM	1,2-Dichloroethane	50.000	48.782	2.4	107	0.00
43 T	Isopropyl Acetate	50.000	52.204	-4.4	110	0.00
44 TM	Trichloroethene	50.000	48.753	2.5	108	0.00
45 C	1,2-Dichloropropane	50.000	49.998	0.0#	109	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	49.507	1.0	107	0.00
47 T	Bromodichloromethane	50.000	49.247	1.5	108	0.00
48 T	Methyl methacrylate	50.000	51.789	-3.6	108	0.00
49 T	1,4-Dioxane	1000.000	1114.293	-11.4	116	0.00
50 S	Toluene-d8	50.000	53.231	-6.5	106	0.00
51 T	4-Methyl-2-Pentanone	250.000	256.599	-2.6	106	0.00
52 CM	Toluene	50.000	50.978	-2.0#	108	0.00
53 T	t-1,3-Dichloropropene	50.000	52.212	-4.4	111	0.00
54 T	cis-1,3-Dichloropropene	50.000	52.353	-4.7	110	0.00
55 T	1,1,2-Trichloroethane	50.000	48.852	2.3	106	0.00
56 T	Ethyl methacrylate	50.000	49.465	1.1	111	0.00
57 T	1,3-Dichloropropane	50.000	49.663	0.7	108	0.00
58 T	2-Chloroethyl Vinyl ether	250.000	261.673	-4.7	110	0.00
59 T	2-Hexanone	250.000	267.470	-7.0	108	0.00
60 T	Dibromochloromethane	50.000	50.607	-1.2	108	0.00
61 T	1,2-Dibromoethane	50.000	50.279	-0.6	107	0.00
62 S	4-Bromofluorobenzene	50.000	51.965	-3.9	109	0.00
63 I	Chlorobenzene-d5	50.000	50.000	0.0	101	0.00
64 T	Tetrachloroethene	50.000	48.613	2.8	105	0.00
65 PM	Chlorobenzene	50.000	50.901	-1.8	107	0.00
66 T	1,1,1,2-Tetrachloroethane	50.000	50.461	-0.9	109	0.00
67 C	Ethyl Benzene	50.000	53.591	-7.2#	110	0.00
68 T	m/p-Xylenes	100.000	109.761	-9.8	108	0.00
69 T	o-Xylene	50.000	54.716	-9.4	109	0.00
70 T	Styrene	50.000	56.269	-12.5	110	0.00
71 P	Bromoform	50.000	51.417	-2.8	109	0.00
72 I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	100	0.00
73 T	Isopropylbenzene	50.000	53.752	-7.5	109	0.00
74 T	N-amyl acetate	50.000	57.004	-14.0	110	0.00
75 P	1,1,2,2-Tetrachloroethane	50.000	49.218	1.6	106	0.00
76 T	1,2,3-Trichloropropane	50.000	49.699	0.6	107	0.00
77 T	Bromobenzene	50.000	51.788	-3.6	109	0.00
78 T	n-propylbenzene	50.000	54.674	-9.3	109	0.00
79 T	2-Chlorotoluene	50.000	53.354	-6.7	110	0.00
80 T	1,3,5-Trimethylbenzene	50.000	55.749	-11.5	109	0.00
81 T	trans-1,4-Dichloro-2-butene	50.000	56.865	-13.7	113	0.00
82 T	4-Chlorotoluene	50.000	54.030	-8.1	109	0.00
83 T	tert-Butylbenzene	50.000	54.413	-8.8	111	0.00
84 T	1,2,4-Trimethylbenzene	50.000	56.257	-12.5	110	0.00
85 T	sec-Butylbenzene	50.000	55.904	-11.8	110	0.00
86 T	p-Isopropyltoluene	50.000	56.496	-13.0	111	0.00
87 T	1,3-Dichlorobenzene	50.000	52.191	-4.4	110	0.00
88 T	1,4-Dichlorobenzene	50.000	50.447	-0.9	109	0.00
89 T	n-Butylbenzene	50.000	59.398	-18.8	113	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
90 T	Hexachloroethane	50.000	52.769	-5.5	111	0.00
91 T	1,2-Dichlorobenzene	50.000	51.665	-3.3	107	0.00
92 T	1,2-Dibromo-3-Chloropropane	50.000	53.860	-7.7	104	0.00
93 T	1,2,4-Trichlorobenzene	50.000	52.792	-5.6	114	0.00
94 T	Hexachlorobutadiene	50.000	51.745	-3.5	109	0.00
95 T	Naphthalene	50.000	50.971	-1.9	109	0.00
96 T	1,2,3-Trichlorobenzene	50.000	53.165	-6.3	112	0.00

(#) = Out of Range

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