

Data Path : Z:\voasrv\HPCHEM1\MSVOA U\Data\VU082919\
 Data File : VU034021.D
 Acq On : 28 Aug 2019 14:01
 Operator : JC/SP
 Sample : VSTDICV050
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 ICVVU082919

Quant Time: Aug 29 04:03:52 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\82U082919W.M
 Quant Title : SW846 8260
 QLast Update : Thu Aug 29 03:51:04 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	107	0.00
2 T	Dichlorodifluoromethane	50.000	50.699	-1.4	94	0.00
3 P	Chloromethane	50.000	50.487	-1.0	98	0.00
4 C	Vinyl Chloride	50.000	48.976	2.0#	96	0.00
5 T	Bromomethane	50.000	60.267	-20.5#	112	0.00
6 T	Chloroethane	50.000	47.101	5.8	96	0.00
7 T	Trichlorofluoromethane	50.000	48.415	3.2	95	0.00
8 T	Diethyl Ether	50.000	49.587	0.8	99	0.00
9 T	1,1,2-Trichlorotrifluoroeth	50.000	48.051	3.9	95	0.00
10 T	Methyl Iodide	50.000	47.761	4.5	91	0.00
11 T	Tert butyl alcohol	250.000	249.166	0.3	100	0.00
12 CM	1,1-Dichloroethene	50.000	49.009	2.0#	97	0.00
13 T	Acrolein	250.000	232.058	7.2	96	0.00
14 T	Allyl chloride	50.000	49.698	0.6	98	0.00
15 T	Acrylonitrile	250.000	252.126	-0.9	97	0.00
16 T	Acetone	250.000	237.583	5.0	94	0.00
17 T	Carbon Disulfide	50.000	48.783	2.4	99	0.00
18 T	Methyl Acetate	50.000	45.288	9.4	96	0.00
19 T	Methyl tert-butyl Ether	50.000	51.439	-2.9	98	0.00
20 T	Methylene Chloride	50.000	47.532	4.9	97	0.00
21 T	trans-1,2-Dichloroethene	50.000	49.580	0.8	97	0.00
22 T	Diisopropyl ether	50.000	50.329	-0.7	96	0.00
23 T	Vinyl Acetate	250.000	260.791	-4.3	98	0.00
24 P	1,1-Dichloroethane	50.000	49.835	0.3	98	0.00
25 T	2-Butanone	250.000	258.291	-3.3	96	0.00
26 T	2,2-Dichloropropane	50.000	49.727	0.5	97	0.00
27 T	cis-1,2-Dichloroethene	50.000	49.852	0.3	98	0.00
28 T	Bromochloromethane	50.000	49.004	2.0	96	0.00
29 T	Tetrahydrofuran	250.000	259.190	-3.7	97	0.00
30 C	Chloroform	50.000	47.427	5.1#	97	0.00
31 T	Cyclohexane	50.000	47.557	4.9	96	0.00
32 T	1,1,1-Trichloroethane	50.000	49.220	1.6	98	0.00
33 S	1,2-Dichloroethane-d4	50.000	47.463	5.1	96	0.00
34 I	1,4-Difluorobenzene	50.000	50.000	0.0	108	0.00
35 S	Dibromofluoromethane	50.000	47.246	5.5	98	0.00
36 T	1,1-Dichloropropene	50.000	48.548	2.9	97	0.00
37 T	Ethyl Acetate	50.000	48.840	2.3	95	0.00
38 T	Carbon Tetrachloride	50.000	49.498	1.0	99	0.00
39 T	Methylcyclohexane	50.000	50.650	-1.3	99	0.00
40 TM	Benzene	50.000	49.273	1.5	98	0.00
41 T	Methacrylonitrile	50.000	52.178	-4.4	98	0.00
42 TM	1,2-Dichloroethane	50.000	48.347	3.3	96	0.00
43 T	Isopropyl Acetate	50.000	50.608	-1.2	99	0.00
44 TM	Trichloroethene	50.000	50.145	-0.3	102	0.00
45 C	1,2-Dichloropropane	50.000	49.636	0.7#	97	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	49.274	1.5	98	0.00
47 T	Bromodichloromethane	50.000	48.741	2.5	97	0.00
48 T	Methyl methacrylate	50.000	51.926	-3.9	98	0.00
49 T	1,4-Dioxane	1000.000	1014.051	-1.4	99	0.00
50 S	Toluene-d8	50.000	48.967	2.1	97	0.00
51 T	4-Methyl-2-Pentanone	250.000	249.859	0.1	97	0.00
52 CM	Toluene	50.000	50.096	-0.2#	98	0.00
53 T	t-1,3-Dichloropropene	50.000	50.186	-0.4	98	0.00
54 T	cis-1,3-Dichloropropene	50.000	50.543	-1.1	99	0.00
55 T	1,1,2-Trichloroethane	50.000	48.594	2.8	97	0.00
56 T	Ethyl methacrylate	50.000	47.151	5.7	100	0.00
57 T	1,3-Dichloropropane	50.000	48.587	2.8	98	0.00
58 T	2-Chloroethyl Vinyl ether	250.000	251.692	-0.7	86	0.00
59 T	2-Hexanone	250.000	257.297	-2.9	98	0.00
60 T	Dibromochloromethane	50.000	49.594	0.8	100	0.00
61 T	1,2-Dibromoethane	50.000	48.675	2.7	98	0.00
62 S	4-Bromofluorobenzene	50.000	47.002	6.0	98	0.00
63 I	Chlorobenzene-d5	50.000	50.000	0.0	106	0.00
64 T	Tetrachloroethene	50.000	51.976	-4.0	102	0.00
65 PM	Chlorobenzene	50.000	50.500	-1.0	99	0.00
66 T	1,1,1,2-Tetrachloroethane	50.000	49.748	0.5	99	0.00
67 C	Ethyl Benzene	50.000	52.085	-4.2#	99	0.00
68 T	m/p-Xylenes	100.000	105.547	-5.5	99	0.00
69 T	o-Xylene	50.000	52.924	-5.8	99	0.00
70 T	Styrene	50.000	53.982	-8.0	99	0.00
71 P	Bromoform	50.000	50.784	-1.6	101	0.00
72 I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	105	0.00
73 T	Isopropylbenzene	50.000	52.296	-4.6	99	0.00
74 T	N-amyl acetate	50.000	54.776	-9.6	99	0.00
75 P	1,1,2,2-Tetrachloroethane	50.000	47.975	4.0	97	0.00
76 T	1,2,3-Trichloropropane	50.000	47.579	4.8	92	0.00
77 T	Bromobenzene	50.000	49.981	0.0	99	0.00
78 T	n-propylbenzene	50.000	52.345	-4.7	99	0.00
79 T	2-Chlorotoluene	50.000	51.263	-2.5	99	0.00
80 T	1,3,5-Trimethylbenzene	50.000	53.542	-7.1	99	0.00
81 T	trans-1,4-Dichloro-2-butene	50.000	47.884	4.2	95	0.00
82 T	4-Chlorotoluene	50.000	51.157	-2.3	98	0.00
83 T	tert-Butylbenzene	50.000	52.015	-4.0	99	0.00
84 T	1,2,4-Trimethylbenzene	50.000	53.425	-6.8	98	0.00
85 T	sec-Butylbenzene	50.000	52.547	-5.1	99	0.00
86 T	p-Isopropyltoluene	50.000	53.807	-7.6	100	0.00
87 T	1,3-Dichlorobenzene	50.000	50.441	-0.9	99	0.00
88 T	1,4-Dichlorobenzene	50.000	49.844	0.3	99	0.00
89 T	n-Butylbenzene	50.000	54.084	-8.2	98	0.00

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90 T	Hexachloroethane	50.000	48.935	2.1	97	0.00
91 T	1,2-Dichlorobenzene	50.000	51.287	-2.6	99	0.00
92 T	1,2-Dibromo-3-Chloropropane	50.000	52.819	-5.6	101	0.00
93 T	1,2,4-Trichlorobenzene	50.000	50.180	-0.4	99	0.00
94 T	Hexachlorobutadiene	50.000	50.809	-1.6	99	0.00
95 T	Naphthalene	50.000	52.743	-5.5	106	0.00
96 T	1,2,3-Trichlorobenzene	50.000	55.196	-10.4	100	0.00

(#) = Out of Range

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