

Data Path : Z:\voasrv\HPCHEM1\MSVOA U\Data\VU090619\
 Data File : VU034277.D
 Acq On : 05 Sep 2019 12:10
 Operator : JC/SP
 Sample : VSTDICV050
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 ICVVU090619

Quant Time: Sep 06 05:24:04 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	108	0.00
2 T	Dichlorodifluoromethane	50.000	46.376	7.2	109	0.00
3 P	Chloromethane	50.000	51.701	-3.4	113	0.00
4 C	Vinyl Chloride	50.000	45.960	8.1#	110	0.00
5 T	Bromomethane	50.000	53.861	-7.7	115	0.00
6 T	Chloroethane	50.000	49.838	0.3	107	0.00
7 T	Trichlorofluoromethane	50.000	46.294	7.4	109	0.00
8 T	Diethyl Ether	50.000	47.661	4.7	111	0.00
9 T	1,1,2-Trichlorotrifluoroeth	50.000	47.161	5.7	112	0.00
10 T	Methyl Iodide	50.000	40.157	19.7	89	0.00
11 T	Tert butyl alcohol	250.000	283.484	-13.4	127	0.00
12 CM	1,1-Dichloroethene	50.000	45.923	8.2#	107	0.00
13 T	Acrolein	250.000	227.646	8.9	103	0.00
14 T	Allyl chloride	50.000	48.321	3.4	112	0.00
15 T	Acrylonitrile	250.000	265.905	-6.4	114	0.00
16 T	Acetone	250.000	269.702	-7.9	127	0.00
17 T	Carbon Disulfide	50.000	45.158	9.7	108	0.00
18 T	Methyl Acetate	50.000	48.688	2.6	115	0.00
19 T	Methyl tert-butyl Ether	50.000	50.575	-1.2	112	0.00
20 T	Methylene Chloride	50.000	50.529	-1.1	110	0.00
21 T	trans-1,2-Dichloroethene	50.000	47.165	5.7	110	0.00
22 T	Diisopropyl ether	50.000	50.214	-0.4	110	0.00
23 T	Vinyl Acetate	250.000	264.794	-5.9	113	0.00
24 P	1,1-Dichloroethane	50.000	46.518	7.0	108	0.00
25 T	2-Butanone	250.000	287.348	-14.9	123	0.00
26 T	2,2-Dichloropropane	50.000	48.689	2.6	113	0.00
27 T	cis-1,2-Dichloroethene	50.000	49.260	1.5	113	0.00
28 T	Bromochloromethane	50.000	45.494	9.0	96	0.00
29 T	Tetrahydrofuran	250.000	277.812	-11.1	117	0.00
30 C	Chloroform	50.000	45.641	8.7#	108	0.00
31 T	Cyclohexane	50.000	47.902	4.2	111	0.00
32 T	1,1,1-Trichloroethane	50.000	47.472	5.1	110	0.00
33 S	1,2-Dichloroethane-d4	50.000	47.278	5.4	103	0.00
34 I	1,4-Difluorobenzene	50.000	50.000	0.0	109	0.00
35 S	Dibromofluoromethane	50.000	46.614	6.8	103	0.00
36 T	1,1-Dichloropropene	50.000	48.326	3.3	112	0.00
37 T	Ethyl Acetate	50.000	54.088	-8.2	119	0.00
38 T	Carbon Tetrachloride	50.000	47.260	5.5	109	0.00
39 T	Methylcyclohexane	50.000	51.018	-2.0	114	0.00
40 TM	Benzene	50.000	47.933	4.1	109	0.00
41 T	Methacrylonitrile	50.000	54.966	-9.9	115	0.00
42 TM	1,2-Dichloroethane	50.000	47.269	5.5	109	0.00
43 T	Isopropyl Acetate	50.000	52.869	-5.7	116	0.00
44 TM	Trichloroethene	50.000	47.180	5.6	109	0.00
45 C	1,2-Dichloropropane	50.000	47.641	4.7#	108	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	47.815	4.4	108	0.00
47 T	Bromodichloromethane	50.000	47.580	4.8	109	0.00
48 T	Methyl methacrylate	50.000	53.267	-6.5	116	0.00
49 T	1,4-Dioxane	1000.000	1138.147	-13.8	124	0.00
50 S	Toluene-d8	50.000	48.855	2.3	102	0.00
51 T	4-Methyl-2-Pentanone	250.000	266.959	-6.8	116	0.00
52 CM	Toluene	50.000	48.844	2.3#	108	0.00
53 T	t-1,3-Dichloropropene	50.000	51.160	-2.3	114	0.00
54 T	cis-1,3-Dichloropropene	50.000	50.838	-1.7	112	0.00
55 T	1,1,2-Trichloroethane	50.000	47.570	4.9	108	0.00
56 T	Ethyl methacrylate	50.000	48.953	2.1	115	0.00
57 T	1,3-Dichloropropane	50.000	48.209	3.6	109	0.00
58 T	2-Chloroethyl Vinyl ether	250.000	283.583	-13.4	126	0.00
59 T	2-Hexanone	250.000	281.589	-12.6	119	0.00
60 T	Dibromochloromethane	50.000	49.344	1.3	110	0.00
61 T	1,2-Dibromoethane	50.000	49.952	0.1	112	0.00
62 S	4-Bromofluorobenzene	50.000	47.208	5.6	104	0.00
63 I	Chlorobenzene-d5	50.000	50.000	0.0	108	0.00
64 T	Tetrachloroethene	50.000	46.032	7.9	106	0.00
65 PM	Chlorobenzene	50.000	48.808	2.4	110	0.00
66 T	1,1,1,2-Tetrachloroethane	50.000	47.838	4.3	110	0.00
67 C	Ethyl Benzene	50.000	50.770	-1.5#	111	0.00
68 T	m/p-Xylenes	100.000	103.803	-3.8	109	0.00
69 T	o-Xylene	50.000	51.663	-3.3	110	0.00
70 T	Styrene	50.000	52.791	-5.6	110	0.00
71 P	Bromoform	50.000	50.352	-0.7	113	0.00
72 I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	105	0.00
73 T	Isopropylbenzene	50.000	51.534	-3.1	110	0.00
74 T	N-amyl acetate	50.000	56.547	-13.1	115	0.00
75 P	1,1,2,2-Tetrachloroethane	50.000	48.250	3.5	109	0.00
76 T	1,2,3-Trichloropropane	50.000	51.808	-3.6	117	0.00
77 T	Bromobenzene	50.000	49.385	1.2	109	0.00
78 T	n-propylbenzene	50.000	52.118	-4.2	109	0.00
79 T	2-Chlorotoluene	50.000	50.430	-0.9	109	0.00
80 T	1,3,5-Trimethylbenzene	50.000	53.188	-6.4	109	0.00
81 T	trans-1,4-Dichloro-2-butene	50.000	59.950	-19.9	125	0.00
82 T	4-Chlorotoluene	50.000	51.254	-2.5	109	0.00
83 T	tert-Butylbenzene	50.000	52.477	-5.0	112	0.00
84 T	1,2,4-Trimethylbenzene	50.000	53.259	-6.5	109	0.00
85 T	sec-Butylbenzene	50.000	53.291	-6.6	110	0.00
86 T	p-Isopropyltoluene	50.000	53.741	-7.5	111	0.00
87 T	1,3-Dichlorobenzene	50.000	50.036	-0.1	110	0.00
88 T	1,4-Dichlorobenzene	50.000	47.622	4.8	108	0.00
89 T	n-Butylbenzene	50.000	56.177	-12.4	112	0.00

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90 T	Hexachloroethane	50.000	51.989	-4.0	115	0.00
91 T	1,2-Dichlorobenzene	50.000	48.980	2.0	107	0.00
92 T	1,2-Dibromo-3-Chloropropane	50.000	57.148	-14.3	116	0.00
93 T	1,2,4-Trichlorobenzene	50.000	50.572	-1.1	114	0.00
94 T	Hexachlorobutadiene	50.000	51.674	-3.3	114	0.00
95 T	Naphthalene	50.000	52.949	-5.9	119	0.00
96 T	1,2,3-Trichlorobenzene	50.000	51.803	-3.6	115	0.00

(#) = Out of Range

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