

Data Path : Z:\voasrv\HPCHEM1\MSVOA U\Data\VU091219\
 Data File : VU034521.D
 Acq On : 12 Sep 2019 15:34
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_U
 LabSampleId :
 VSTDCCC050

Quant Time: Sep 13 07:47:38 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	75	0.00
2 T	Dichlorodifluoromethane	50.000	50.341	-0.7	82	0.00
3 P	Chloromethane	50.000	52.641	-5.3	80	0.00
4 C	Vinyl Chloride	50.000	48.636	2.7#	81	0.00
5 T	Bromomethane	50.000	59.940	-19.9	88	0.00
6 T	Chloroethane	50.000	54.466	-8.9	81	0.00
7 T	Trichlorofluoromethane	50.000	53.436	-6.9	87	0.00
8 T	Diethyl Ether	50.000	53.086	-6.2	86	0.00
9 T	1,1,2-Trichlorotrifluoroeth	50.000	53.910	-7.8	89	0.00
10 T	Methyl Iodide	50.000	53.135	-6.3	84	0.00
11 T	Tert butyl alcohol	250.000	286.010	-14.4	89	0.00
12 CM	1,1-Dichloroethene	50.000	52.375	-4.8#	85	0.00
13 T	Acrolein	250.000	194.292	22.3#	61	0.00
14 T	Allyl chloride	50.000	50.659	-1.3	82	0.00
15 T	Acrylonitrile	250.000	281.813	-12.7	84	0.00
16 T	Acetone	250.000	278.105	-11.2	91	0.00
17 T	Carbon Disulfide	50.000	43.341	13.3	72	0.00
18 T	Methyl Acetate	50.000	52.680	-5.4	87	0.00
19 T	Methyl tert-butyl Ether	50.000	56.976	-14.0	88	0.00
20 T	Methylene Chloride	50.000	57.008	-14.0	86	0.00
21 T	trans-1,2-Dichloroethene	50.000	51.453	-2.9	83	0.00
22 T	Diisopropyl ether	50.000	56.581	-13.2	86	0.00
23 T	Vinyl Acetate	250.000	284.201	-13.7	84	0.00
24 P	1,1-Dichloroethane	50.000	53.055	-6.1	86	0.00
25 T	2-Butanone	250.000	287.926	-15.2	85	0.00
26 T	2,2-Dichloropropane	50.000	56.104	-12.2	90	0.00
27 T	cis-1,2-Dichloroethene	50.000	55.264	-10.5	88	0.00
28 T	Bromochloromethane	50.000	54.614	-9.2	80	0.00
29 T	Tetrahydrofuran	250.000	277.487	-11.0	81	0.00
30 C	Chloroform	50.000	53.642	-7.3#	88	0.00
31 T	Cyclohexane	50.000	49.889	0.2	80	0.00
32 T	1,1,1-Trichloroethane	50.000	54.529	-9.1	88	0.00
33 S	1,2-Dichloroethane-d4	50.000	51.164	-2.3	77	0.00
34 I	1,4-Difluorobenzene	50.000	50.000	0.0	74	0.00
35 S	Dibromofluoromethane	50.000	52.959	-5.9	79	0.00
36 T	1,1-Dichloropropene	50.000	54.690	-9.4	85	0.00
37 T	Ethyl Acetate	50.000	55.999	-12.0	83	0.00
38 T	Carbon Tetrachloride	50.000	55.751	-11.5	87	0.00
39 T	Methylcyclohexane	50.000	54.868	-9.7	83	0.00
40 TM	Benzene	50.000	55.324	-10.6	85	0.00
41 T	Methacrylonitrile	50.000	59.997	-20.0	85	0.00
42 TM	1,2-Dichloroethane	50.000	56.593	-13.2	88	0.00
43 T	Isopropyl Acetate	50.000	56.613	-13.2	84	0.00
44 TM	Trichloroethene	50.000	55.380	-10.8	87	0.00
45 C	1,2-Dichloropropane	50.000	56.665	-13.3#	87	0.00

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 Max. RRF Dev : 20% Max. Rel. Area : 150%

	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
46 T	Dibromomethane	50.000	56.301	-12.6	86	0.00
47 T	Bromodichloromethane	50.000	57.257	-14.5	89	0.00
48 T	Methyl methacrylate	50.000	57.017	-14.0	84	0.00
49 T	1,4-Dioxane	1000.000	1210.053	-21.0#	89	0.00
50 S	Toluene-d8	50.000	52.869	-5.7	75	0.00
51 T	4-Methyl-2-Pentanone	250.000	290.569	-16.2	85	0.00
52 CM	Toluene	50.000	57.640	-15.3#	86	0.00
53 T	t-1,3-Dichloropropene	50.000	57.987	-16.0	87	0.00
54 T	cis-1,3-Dichloropropene	50.000	59.124	-18.2	88	0.00
55 T	1,1,2-Trichloroethane	50.000	56.981	-14.0	87	0.00
56 T	Ethyl methacrylate	50.000	54.121	-8.2	87	0.00
57 T	1,3-Dichloropropane	50.000	56.660	-13.3	87	0.00
58 T	2-Chloroethyl Vinyl ether	250.000	234.121	6.4	69	0.00
59 T	2-Hexanone	250.000	299.831	-19.9	86	0.00
60 T	Dibromochloromethane	50.000	59.309	-18.6	90	0.00
61 T	1,2-Dibromoethane	50.000	57.772	-15.5	87	0.00
62 S	4-Bromofluorobenzene	50.000	54.923	-9.8	82	0.00
63 I	Chlorobenzene-d5	50.000	50.000	0.0	73	0.00
64 T	Tetrachloroethene	50.000	55.798	-11.6	87	0.00
65 PM	Chlorobenzene	50.000	57.950	-15.9	88	0.00
66 T	1,1,1,2-Tetrachloroethane	50.000	58.694	-17.4	92	0.00
67 C	Ethyl Benzene	50.000	59.094	-18.2#	87	0.00
68 T	m/p-Xylenes	100.000	123.752	-23.8#	88	0.00
69 T	o-Xylene	50.000	61.072	-22.1#	88	0.00
70 T	Styrene	50.000	64.011	-28.0#	90	0.00
71 P	Bromoform	50.000	59.652	-19.3	91	0.00
72 I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	76	0.00
73 T	Isopropylbenzene	50.000	58.658	-17.3	91	0.00
74 T	N-amyl acetate	50.000	57.684	-15.4	85	0.00
75 P	1,1,2,2-Tetrachloroethane	50.000	54.416	-8.8	89	0.00
76 T	1,2,3-Trichloropropane	50.000	55.997	-12.0	92	0.00
77 T	Bromobenzene	50.000	57.168	-14.3	92	0.00
78 T	n-propylbenzene	50.000	58.733	-17.5	90	0.00
79 T	2-Chlorotoluene	50.000	57.965	-15.9	91	0.00
80 T	1,3,5-Trimethylbenzene	50.000	60.575	-21.2#	90	0.00
81 T	trans-1,4-Dichloro-2-butene	50.000	49.084	1.8	75	0.00
82 T	4-Chlorotoluene	50.000	58.546	-17.1	90	0.00
83 T	tert-Butylbenzene	50.000	59.302	-18.6	92	0.00
84 T	1,2,4-Trimethylbenzene	50.000	60.378	-20.8#	90	0.00
85 T	sec-Butylbenzene	50.000	59.912	-19.8	90	0.00
86 T	p-Isopropyltoluene	50.000	60.445	-20.9#	91	0.00
87 T	1,3-Dichlorobenzene	50.000	57.236	-14.5	92	0.00
88 T	1,4-Dichlorobenzene	50.000	55.690	-11.4	92	0.00
89 T	n-Butylbenzene	50.000	60.793	-21.6#	89	0.00

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Max. RRF Dev : 20% Max. Rel. Area : 150%

	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
90 T	Hexachloroethane	50.000	56.228	-12.5	90	0.00
91 T	1,2-Dichlorobenzene	50.000	57.016	-14.0	90	0.00
92 T	1,2-Dibromo-3-Chloropropane	50.000	58.584	-17.2	86	0.00
93 T	1,2,4-Trichlorobenzene	50.000	52.580	-5.2	87	0.00
94 T	Hexachlorobutadiene	50.000	53.626	-7.3	86	0.00
95 T	Naphthalene	50.000	49.827	0.3	81	0.00
96 T	1,2,3-Trichlorobenzene	50.000	54.297	-8.6	88	0.00

(#) = Out of Range

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