

Data Path : Z:\voasrv\HPCHEM1\MSVOA U\Data\VU091219\
 Data File : VU034519.D
 Acq On : 12 Sep 2019 14:38
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_U
 LabSampleId :
 VSTDCCC050

Quant Time: Sep 13 07:45:49 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	76	0.00
2 T	Dichlorodifluoromethane	50.000	47.518	5.0	78	0.00
3 P	Chloromethane	50.000	51.872	-3.7	79	0.00
4 C	Vinyl Chloride	50.000	48.436	3.1#	81	0.00
5 T	Bromomethane	50.000	58.405	-16.8	87	0.00
6 T	Chloroethane	50.000	54.927	-9.9	82	0.00
7 T	Trichlorofluoromethane	50.000	51.593	-3.2	85	0.00
8 T	Diethyl Ether	50.000	53.713	-7.4	87	0.00
9 T	1,1,2-Trichlorotrifluoroeth	50.000	52.292	-4.6	87	0.00
10 T	Methyl Iodide	50.000	53.109	-6.2	84	0.00
11 T	Tert butyl alcohol	250.000	274.509	-9.8	86	0.00
12 CM	1,1-Dichloroethene	50.000	51.678	-3.4#	84	0.00
13 T	Acrolein	250.000	168.718	32.5#	53	0.00
14 T	Allyl chloride	50.000	50.745	-1.5	82	0.00
15 T	Acrylonitrile	250.000	285.730	-14.3	86	0.00
16 T	Acetone	250.000	262.937	-5.2	87	0.00
17 T	Carbon Disulfide	50.000	43.688	12.6	73	0.00
18 T	Methyl Acetate	50.000	53.188	-6.4	88	0.00
19 T	Methyl tert-butyl Ether	50.000	57.110	-14.2	89	0.00
20 T	Methylene Chloride	50.000	56.615	-13.2	86	0.00
21 T	trans-1,2-Dichloroethene	50.000	51.362	-2.7	84	0.00
22 T	Diisopropyl ether	50.000	56.902	-13.8	87	0.00
23 T	Vinyl Acetate	250.000	286.805	-14.7	85	0.00
24 P	1,1-Dichloroethane	50.000	53.475	-7.0	87	0.00
25 T	2-Butanone	250.000	290.598	-16.2	87	0.00
26 T	2,2-Dichloropropane	50.000	55.128	-10.3	89	0.00
27 T	cis-1,2-Dichloroethene	50.000	55.235	-10.5	88	0.00
28 T	Bromochloromethane	50.000	55.161	-10.3	81	0.00
29 T	Tetrahydrofuran	250.000	288.656	-15.5	85	0.00
30 C	Chloroform	50.000	53.494	-7.0#	88	0.00
31 T	Cyclohexane	50.000	49.222	1.6	80	0.00
32 T	1,1,1-Trichloroethane	50.000	54.648	-9.3	89	0.00
33 S	1,2-Dichloroethane-d4	50.000	51.702	-3.4	79	0.00
34 I	1,4-Difluorobenzene	50.000	50.000	0.0	75	0.00
35 S	Dibromofluoromethane	50.000	53.157	-6.3	81	0.00
36 T	1,1-Dichloropropene	50.000	53.236	-6.5	85	0.00
37 T	Ethyl Acetate	50.000	58.085	-16.2	88	0.00
38 T	Carbon Tetrachloride	50.000	55.216	-10.4	88	0.00
39 T	Methylcyclohexane	50.000	52.259	-4.5	81	0.00
40 TM	Benzene	50.000	54.590	-9.2	86	0.00
41 T	Methacrylonitrile	50.000	60.239	-20.5#	87	0.00
42 TM	1,2-Dichloroethane	50.000	55.415	-10.8	88	0.00
43 T	Isopropyl Acetate	50.000	57.686	-15.4	87	0.00
44 TM	Trichloroethene	50.000	54.258	-8.5	86	0.00
45 C	1,2-Dichloropropane	50.000	56.159	-12.3#	88	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	56.276	-12.6	87	0.00
47 T	Bromodichloromethane	50.000	57.117	-14.2	90	0.00
48 T	Methyl methacrylate	50.000	57.188	-14.4	86	0.00
49 T	1,4-Dioxane	1000.000	1041.667	-4.2	78	0.00
50 S	Toluene-d8	50.000	52.581	-5.2	75	0.00
51 T	4-Methyl-2-Pentanone	250.000	294.209	-17.7	88	0.00
52 CM	Toluene	50.000	55.806	-11.6#	85	0.00
53 T	t-1,3-Dichloropropene	50.000	57.627	-15.3	88	0.00
54 T	cis-1,3-Dichloropropene	50.000	57.722	-15.4	87	0.00
55 T	1,1,2-Trichloroethane	50.000	57.353	-14.7	89	0.00
56 T	Ethyl methacrylate	50.000	54.623	-9.2	89	0.00
57 T	1,3-Dichloropropane	50.000	56.916	-13.8	89	0.00
58 T	2-Chloroethyl Vinyl ether	250.000	254.647	-1.9	77	0.00
59 T	2-Hexanone	250.000	300.514	-20.2#	87	0.00
60 T	Dibromochloromethane	50.000	59.236	-18.5	91	0.00
61 T	1,2-Dibromoethane	50.000	57.530	-15.1	88	0.00
62 S	4-Bromofluorobenzene	50.000	52.427	-4.9	79	0.00
63 I	Chlorobenzene-d5	50.000	50.000	0.0	74	0.00
64 T	Tetrachloroethene	50.000	53.964	-7.9	85	0.00
65 PM	Chlorobenzene	50.000	57.001	-14.0	88	0.00
66 T	1,1,1,2-Tetrachloroethane	50.000	57.703	-15.4	91	0.00
67 C	Ethyl Benzene	50.000	58.288	-16.6#	87	0.00
68 T	m/p-Xylenes	100.000	121.256	-21.3#	87	0.00
69 T	o-Xylene	50.000	60.230	-20.5#	87	0.00
70 T	Styrene	50.000	62.397	-24.8#	89	0.00
71 P	Bromoform	50.000	60.463	-20.9#	93	0.00
72 I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	76	0.00
73 T	Isopropylbenzene	50.000	57.865	-15.7	89	0.00
74 T	N-amyl acetate	50.000	59.717	-19.4	87	0.00
75 P	1,1,2,2-Tetrachloroethane	50.000	55.922	-11.8	91	0.00
76 T	1,2,3-Trichloropropane	50.000	55.445	-10.9	91	0.00
77 T	Bromobenzene	50.000	56.305	-12.6	90	0.00
78 T	n-propylbenzene	50.000	58.084	-16.2	88	0.00
79 T	2-Chlorotoluene	50.000	57.252	-14.5	89	0.00
80 T	1,3,5-Trimethylbenzene	50.000	60.348	-20.7#	89	0.00
81 T	trans-1,4-Dichloro-2-butene	50.000	60.985	-22.0#	92	0.00
82 T	4-Chlorotoluene	50.000	57.313	-14.6	88	0.00
83 T	tert-Butylbenzene	50.000	58.255	-16.5	90	0.00
84 T	1,2,4-Trimethylbenzene	50.000	60.003	-20.0#	89	0.00
85 T	sec-Butylbenzene	50.000	59.132	-18.3	89	0.00
86 T	p-Isopropyltoluene	50.000	59.769	-19.5	89	0.00
87 T	1,3-Dichlorobenzene	50.000	56.102	-12.2	89	0.00
88 T	1,4-Dichlorobenzene	50.000	54.847	-9.7	90	0.00
89 T	n-Butylbenzene	50.000	59.962	-19.9	87	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	56.439	-12.9	90	0.00
91 T	1,2-Dichlorobenzene	50.000	57.142	-14.3	90	0.00
92 T	1,2-Dibromo-3-Chloropropane	50.000	61.328	-22.7#	90	0.00
93 T	1,2,4-Trichlorobenzene	50.000	52.986	-6.0	87	0.00
94 T	Hexachlorobutadiene	50.000	52.197	-4.4	83	0.00
95 T	Naphthalene	50.000	52.457	-4.9	85	0.00
96 T	1,2,3-Trichlorobenzene	50.000	54.839	-9.7	88	0.00

(#) = Out of Range

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