

Data Path : Z:\voasrv\HPCHEM1\MSVOA U\Data\VU090419\
 Data File : VU034241.D
 Acq On : 03 Sep 2019 20:51
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 MSVOA_U
 LabSampleId :
 VSTDCCC050

Quant Time: Sep 04 07:04:29 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\82U082919W.M
 Quant Title : SW846 8260
 QLast Update : Thu Aug 29 04:11:12 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	91	0.00
2 T	Dichlorodifluoromethane	50.000	44.655	10.7	71	0.00
3 P	Chloromethane	50.000	42.114	15.8	70	0.00
4 C	Vinyl Chloride	50.000	44.966	10.1#	75	0.00
5 T	Bromomethane	50.000	51.701	-3.4	83	0.02
6 T	Chloroethane	50.000	44.591	10.8	78	0.01
7 T	Trichlorofluoromethane	50.000	47.723	4.6	80	0.00
8 T	Diethyl Ether	50.000	49.356	1.3	84	0.00
9 T	1,1,2-Trichlorotrifluoroeth	50.000	46.891	6.2	80	0.00
10 T	Methyl Iodide	50.000	30.435	39.1#	49	0.00
11 T	Tert butyl alcohol	250.000	206.696	17.3	71	0.00
12 CM	1,1-Dichloroethene	50.000	46.990	6.0#	79	0.00
13 T	Acrolein	250.000	162.813	34.9#	57	0.00
14 T	Allyl chloride	50.000	46.569	6.9	79	0.00
15 T	Acrylonitrile	250.000	249.223	0.3	82	0.00
16 T	Acetone	250.000	205.455	17.8	70	0.00
17 T	Carbon Disulfide	50.000	40.085	19.8	69	0.00
18 T	Methyl Acetate	50.000	47.639	4.7	86	0.00
19 T	Methyl tert-butyl Ether	50.000	51.283	-2.6	84	0.00
20 T	Methylene Chloride	50.000	47.441	5.1	83	0.00
21 T	trans-1,2-Dichloroethene	50.000	46.992	6.0	79	0.00
22 T	Diisopropyl ether	50.000	51.552	-3.1	84	0.00
23 T	Vinyl Acetate	250.000	250.790	-0.3	80	0.00
24 P	1,1-Dichloroethane	50.000	49.487	1.0	83	0.00
25 T	2-Butanone	250.000	241.777	3.3	77	0.00
26 T	2,2-Dichloropropane	50.000	44.319	11.4	74	0.00
27 T	cis-1,2-Dichloroethene	50.000	48.777	2.4	82	0.00
28 T	Bromochloromethane	50.000	51.442	-2.9	87	0.00
29 T	Tetrahydrofuran	250.000	250.808	-0.3	80	0.00
30 C	Chloroform	50.000	48.277	3.4#	84	0.00
31 T	Cyclohexane	50.000	43.694	12.6	75	0.00
32 T	1,1,1-Trichloroethane	50.000	49.263	1.5	83	0.00
33 S	1,2-Dichloroethane-d4	50.000	47.028	5.9	81	0.00
34 I	1,4-Difluorobenzene	50.000	50.000	0.0	92	0.00
35 S	Dibromofluoromethane	50.000	47.407	5.2	85	0.00
36 T	1,1-Dichloropropene	50.000	45.888	8.2	79	0.00
37 T	Ethyl Acetate	50.000	47.355	5.3	79	0.00
38 T	Carbon Tetrachloride	50.000	47.665	4.7	82	0.00
39 T	Methylcyclohexane	50.000	45.162	9.7	76	0.00
40 TM	Benzene	50.000	47.963	4.1	82	0.00
41 T	Methacrylonitrile	50.000	51.350	-2.7	82	0.00
42 TM	1,2-Dichloroethane	50.000	47.225	5.5	81	0.00
43 T	Isopropyl Acetate	50.000	48.480	3.0	81	0.00
44 TM	Trichloroethene	50.000	50.207	-0.4	88	0.00
45 C	1,2-Dichloropropane	50.000	49.732	0.5#	84	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	48.729	2.5	83	0.00
47 T	Bromodichloromethane	50.000	49.344	1.3	85	0.00
48 T	Methyl methacrylate	50.000	48.354	3.3	78	0.00
49 T	1,4-Dioxane	1000.000	681.946	31.8#	57	0.00
50 S	Toluene-d8	50.000	48.462	3.1	82	0.00
51 T	4-Methyl-2-Pentanone	250.000	239.042	4.4	80	0.00
52 CM	Toluene	50.000	49.533	0.9#	83	0.00
53 T	t-1,3-Dichloropropene	50.000	47.997	4.0	81	0.00
54 T	cis-1,3-Dichloropropene	50.000	48.187	3.6	81	0.00
55 T	1,1,2-Trichloroethane	50.000	49.810	0.4	85	0.00
56 T	Ethyl methacrylate	50.000	44.178	11.6	80	0.00
57 T	1,3-Dichloropropane	50.000	48.538	2.9	84	0.00
58 T	2-Chloroethyl Vinyl ether	250.000	225.647	9.7	66	0.00
59 T	2-Hexanone	250.000	238.764	4.5	78	0.00
60 T	Dibromochloromethane	50.000	49.392	1.2	85	0.00
61 T	1,2-Dibromoethane	50.000	47.289	5.4	82	0.00
62 S	4-Bromofluorobenzene	50.000	48.115	3.8	86	0.00
63 I	Chlorobenzene-d5	50.000	50.000	0.0	92	0.00
64 T	Tetrachloroethene	50.000	52.024	-4.0	89	0.00
65 PM	Chlorobenzene	50.000	48.996	2.0	84	0.00
66 T	1,1,1,2-Tetrachloroethane	50.000	47.990	4.0	83	0.00
67 C	Ethyl Benzene	50.000	49.684	0.6#	82	0.00
68 T	m/p-Xylenes	100.000	100.926	-0.9	83	0.00
69 T	o-Xylene	50.000	50.491	-1.0	83	0.00
70 T	Styrene	50.000	52.439	-4.9	84	0.00
71 P	Bromoform	50.000	48.081	3.8	83	0.00
72 I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	98	0.00
73 T	Isopropylbenzene	50.000	46.332	7.3	82	0.00
74 T	N-amyl acetate	50.000	46.767	6.5	80	0.00
75 P	1,1,2,2-Tetrachloroethane	50.000	44.529	10.9	85	0.00
76 T	1,2,3-Trichloropropane	50.000	42.515	15.0	77	0.00
77 T	Bromobenzene	50.000	45.896	8.2	85	0.00
78 T	n-propylbenzene	50.000	46.940	6.1	84	0.00
79 T	2-Chlorotoluene	50.000	45.812	8.4	83	0.00
80 T	1,3,5-Trimethylbenzene	50.000	47.565	4.9	83	0.00
81 T	trans-1,4-Dichloro-2-butene	50.000	42.821	14.4	80	0.00
82 T	4-Chlorotoluene	50.000	46.736	6.5	84	0.00
83 T	tert-Butylbenzene	50.000	45.761	8.5	82	0.00
84 T	1,2,4-Trimethylbenzene	50.000	48.561	2.9	84	0.00
85 T	sec-Butylbenzene	50.000	46.118	7.8	82	0.00
86 T	p-Isopropyltoluene	50.000	46.993	6.0	82	0.00
87 T	1,3-Dichlorobenzene	50.000	46.450	7.1	86	0.00
88 T	1,4-Dichlorobenzene	50.000	46.213	7.6	87	0.00
89 T	n-Butylbenzene	50.000	47.701	4.6	81	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
90 T	Hexachloroethane	50.000	38.939	22.1#	72	0.00
91 T	1,2-Dichlorobenzene	50.000	47.859	4.3	87	0.00
92 T	1,2-Dibromo-3-Chloropropane	50.000	44.765	10.5	80	0.00
93 T	1,2,4-Trichlorobenzene	50.000	46.497	7.0	86	0.00
94 T	Hexachlorobutadiene	50.000	40.563	18.9	74	0.00
95 T	Naphthalene	50.000	45.911	8.2	86	0.00
96 T	1,2,3-Trichlorobenzene	50.000	50.921	-1.8	87	0.00

(#) = Out of Range

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