

Data Path : Z:\voasrv\HPCHEM1\MSVOA U\Data\VU062818\
 Data File : VU025034.D
 Acq On : 28 Jun 2018 20:44
 Operator : MD/SY
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_U
 LabSampleId :
 VSTDCCC050

Quant Time: Jun 29 07:40:18 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\82U061318W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jun 13 13:55:26 2018
 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	100	0.00
2 T	Dichlorodifluoromethane	50.000	42.670	14.7	87	0.00
3 P	Chloromethane	50.000	44.622	10.8	96	0.00
4 C	Vinyl Chloride	50.000	46.488	7.0#	95	0.00
5 T	Bromomethane	50.000	61.422	-22.8#	121	0.00
6 T	Chloroethane	50.000	54.246	-8.5	105	0.00
7 T	Trichlorofluoromethane	50.000	49.537	0.9	103	0.00
8 T	Diethyl Ether	50.000	56.393	-12.8	106	0.00
9 T	1,1,2-Trichlorotrifluoroeth	50.000	47.217	5.6	97	0.00
10 T	Methyl Iodide	50.000	65.710	-31.4#	138	0.00
11 T	Tert butyl alcohol	250.000	245.852	1.7	105	0.00
12 CM	1,1-Dichloroethene	50.000	49.375	1.3#	99	0.00
13 T	Acrolein	250.000	88.416	64.6#	37	0.00
14 T	Allyl chloride	50.000	45.556	8.9	95	0.00
15 T	Acrylonitrile	250.000	259.398	-3.8	101	0.00
16 T	Acetone	250.000	213.351	14.7	90	0.00
17 T	Carbon Disulfide	50.000	43.467	13.1	89	0.00
18 T	Methyl Acetate	50.000	61.298	-22.6#	124	0.00
19 T	Methyl tert-butyl Ether	50.000	52.428	-4.9	106	0.00
20 T	Methylene Chloride	50.000	48.238	3.5	102	0.00
21 T	trans-1,2-Dichloroethene	50.000	49.466	1.1	101	0.00
22 T	Diisopropyl ether	50.000	50.790	-1.6	103	0.00
23 T	Vinyl Acetate	250.000	240.284	3.9	95	0.00
24 P	1,1-Dichloroethane	50.000	50.592	-1.2	101	0.00
25 T	2-Butanone	250.000	246.912	1.2	96	0.00
26 T	2,2-Dichloropropane	50.000	40.446	19.1	83	0.00
27 T	cis-1,2-Dichloroethene	50.000	51.094	-2.2	104	0.00
28 T	Bromochloromethane	50.000	42.613	14.8	80	0.00
29 T	Tetrahydrofuran	250.000	257.332	-2.9	104	0.00
30 C	Chloroform	50.000	52.062	-4.1#	105	0.00
31 T	Cyclohexane	50.000	50.607	-1.2	97	0.00
32 T	1,1,1-Trichloroethane	50.000	51.520	-3.0	106	0.00
33 S	1,2-Dichloroethane-d4	50.000	43.006	14.0	85	0.00
34 I	1,4-Difluorobenzene	50.000	50.000	0.0	98	0.00
35 S	Dibromofluoromethane	50.000	44.363	11.3	86	0.00
36 T	1,1-Dichloropropene	50.000	49.302	1.4	100	0.00
37 T	Ethyl Acetate	50.000	53.217	-6.4	99	0.00
38 T	Carbon Tetrachloride	50.000	51.592	-3.2	103	0.00
39 T	Methylcyclohexane	50.000	48.707	2.6	99	0.00
40 TM	Benzene	50.000	51.075	-2.2	101	0.00
41 T	Methacrylonitrile	50.000	55.241	-10.5	102	0.00
42 TM	1,2-Dichloroethane	50.000	53.832	-7.7	108	0.00
43 T	Isopropyl Acetate	50.000	49.248	1.5	99	0.00
44 TM	Trichloroethene	50.000	49.899	0.2	102	0.00
45 C	1,2-Dichloropropane	50.000	50.429	-0.9#	100	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	52.883	-5.8	103	0.00
47 T	Bromodichloromethane	50.000	49.717	0.6	100	0.00
48 T	Methyl methacrylate	50.000	52.096	-4.2	103	0.00
49 T	1,4-Dioxane	1000.000	1156.514	-15.7	123	0.00
50 S	Toluene-d8	50.000	41.068	17.9	80	0.00
51 T	4-Methyl-2-Pentanone	250.000	253.749	-1.5	101	0.00
52 CM	Toluene	50.000	50.646	-1.3#	102	0.00
53 T	t-1,3-Dichloropropene	50.000	47.691	4.6	93	0.00
54 T	cis-1,3-Dichloropropene	50.000	47.445	5.1	95	0.00
55 T	1,1,2-Trichloroethane	50.000	52.009	-4.0	108	0.00
56 T	Ethyl methacrylate	50.000	49.584	0.8	100	0.00
57 T	1,3-Dichloropropane	50.000	51.775	-3.5	104	0.00
58 T	2-Chloroethyl Vinyl ether	250.000	29.228	88.3#	11	0.00
59 T	2-Hexanone	250.000	246.537	1.4	100	0.00
60 T	Dibromochloromethane	50.000	47.652	4.7	98	0.00
61 T	1,2-Dibromoethane	50.000	51.701	-3.4	105	0.00
62 S	4-Bromofluorobenzene	50.000	42.897	14.2	84	0.00
63 I	Chlorobenzene-d5	50.000	50.000	0.0	97	0.00
64 T	Tetrachloroethene	50.000	53.130	-6.3	103	0.00
65 PM	Chlorobenzene	50.000	52.885	-5.8	104	0.00
66 T	1,1,1,2-Tetrachloroethane	50.000	51.227	-2.5	102	0.00
67 C	Ethyl Benzene	50.000	51.980	-4.0#	103	0.00
68 T	m/p-Xylenes	100.000	105.850	-5.8	104	0.00
69 T	o-Xylene	50.000	52.415	-4.8	105	0.00
70 T	Styrene	50.000	52.352	-4.7	103	0.00
71 P	Bromoform	50.000	47.947	4.1	96	0.00
72 I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	97	0.00
73 T	Isopropylbenzene	50.000	53.257	-6.5	106	0.00
74 T	N-amyl acetate	50.000	48.721	2.6	97	0.00
75 P	1,1,2,2-Tetrachloroethane	50.000	52.896	-5.8	108	0.00
76 T	1,2,3-Trichloropropane	50.000	56.546	-13.1	112	0.00
77 T	Bromobenzene	50.000	54.545	-9.1	108	0.00
78 T	n-propylbenzene	50.000	50.887	-1.8	101	0.00
79 T	2-Chlorotoluene	50.000	51.976	-4.0	104	0.00
80 T	1,3,5-Trimethylbenzene	50.000	52.774	-5.5	107	0.00
81 T	trans-1,4-Dichloro-2-butene	50.000	45.244	9.5	90	0.00
82 T	4-Chlorotoluene	50.000	51.684	-3.4	102	0.00
83 T	tert-Butylbenzene	50.000	54.019	-8.0	108	0.00
84 T	1,2,4-Trimethylbenzene	50.000	52.608	-5.2	104	0.00
85 T	sec-Butylbenzene	50.000	52.301	-4.6	104	0.00
86 T	p-Isopropyltoluene	50.000	51.373	-2.7	103	0.00
87 T	1,3-Dichlorobenzene	50.000	52.546	-5.1	105	0.00
88 T	1,4-Dichlorobenzene	50.000	52.586	-5.2	105	0.00
89 T	n-Butylbenzene	50.000	47.188	5.6	91	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
90 T	Hexachloroethane	50.000	46.092	7.8	94	0.00
91 T	1,2-Dichlorobenzene	50.000	54.506	-9.0	109	0.00
92 T	1,2-Dibromo-3-Chloropropane	50.000	51.503	-3.0	99	0.00
93 T	1,2,4-Trichlorobenzene	50.000	57.018	-14.0	101	0.00
94 T	Hexachlorobutadiene	50.000	52.690	-5.4	104	0.00
95 T	Naphthalene	50.000	58.528	-17.1	111	0.00
96 T	1,2,3-Trichlorobenzene	50.000	59.538	-19.1	104	0.00

(#) = Out of Range

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