

Data Path : Z:\voasrv\HPCHEM1\MSVOA U\Data\VU080118\
 Data File : VU025786.D
 Acq On : 01 Aug 2018 19:03
 Operator : MD/SY
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 51 Sample Multiplier: 1

Instrument :
 MSVOA_U
 LabSampleId :
 VSTDCCC050

Quant Time: Aug 02 05:16:15 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\82U072718W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jul 31 16:07:47 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	112	0.00
2 T	Dichlorodifluoromethane	50.000	48.374	3.3	97	0.00
3 P	Chloromethane	50.000	40.980	18.0	90	0.00
4 C	Vinyl Chloride	50.000	46.557	6.9#	102	0.00
5 T	Bromomethane	50.000	31.543	36.9#	67	0.00
6 T	Chloroethane	50.000	44.927	10.1	101	0.00
7 T	Trichlorofluoromethane	50.000	47.103	5.8	102	0.00
8 T	Diethyl Ether	50.000	46.721	6.6	105	0.00
9 T	1,1,2-Trichlorotrifluoroeth	50.000	48.191	3.6	105	0.00
10 T	Methyl Iodide	50.000	25.021	50.0#	51	0.00
11 T	Tert butyl alcohol	250.000	242.185	3.1	110	0.00
12 CM	1,1-Dichloroethene	50.000	47.591	4.8#	107	0.00
13 T	Acrolein	250.000	205.221	17.9	93	0.00
14 T	Allyl chloride	50.000	45.018	10.0	106	0.00
15 T	Acrylonitrile	250.000	253.213	-1.3	109	0.00
16 T	Acetone	250.000	212.145	15.1	94	0.00
17 T	Carbon Disulfide	50.000	44.504	11.0	100	0.00
18 T	Methyl Acetate	50.000	62.035	-24.1#	128	0.00
19 T	Methyl tert-butyl Ether	50.000	49.291	1.4	108	0.00
20 T	Methylene Chloride	50.000	45.881	8.2	105	0.00
21 T	trans-1,2-Dichloroethene	50.000	47.170	5.7	106	0.00
22 T	Diisopropyl ether	50.000	48.852	2.3	106	0.00
23 T	Vinyl Acetate	250.000	234.409	6.2	102	0.00
24 P	1,1-Dichloroethane	50.000	47.856	4.3	105	0.00
25 T	2-Butanone	250.000	242.780	2.9	106	0.00
26 T	2,2-Dichloropropane	50.000	43.400	13.2	97	0.00
27 T	cis-1,2-Dichloroethene	50.000	47.496	5.0	105	0.00
28 T	Bromochloromethane	50.000	45.658	8.7	97	0.00
29 T	Tetrahydrofuran	250.000	251.835	-0.7	109	0.00
30 C	Chloroform	50.000	47.463	5.1#	106	0.00
31 T	Cyclohexane	50.000	46.624	6.8	102	0.00
32 T	1,1,1-Trichloroethane	50.000	47.832	4.3	104	0.00
33 S	1,2-Dichloroethane-d4	50.000	47.961	4.1	106	0.00
34 I	1,4-Difluorobenzene	50.000	50.000	0.0	112	0.00
35 S	Dibromofluoromethane	50.000	48.763	2.5	109	0.00
36 T	1,1-Dichloropropene	50.000	48.836	2.3	106	0.00
37 T	Ethyl Acetate	50.000	49.130	1.7	105	0.00
38 T	Carbon Tetrachloride	50.000	47.401	5.2	104	0.00
39 T	Methylcyclohexane	50.000	44.856	10.3	97	0.00
40 TM	Benzene	50.000	46.864	6.3	105	0.00
41 T	Methacrylonitrile	50.000	50.545	-1.1	109	0.00
42 TM	1,2-Dichloroethane	50.000	46.715	6.6	105	0.00
43 T	Isopropyl Acetate	50.000	48.864	2.3	107	0.00
44 TM	Trichloroethene	50.000	47.939	4.1	108	0.00
45 C	1,2-Dichloropropane	50.000	47.524	5.0#	104	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	47.962	4.1	108	0.00
47 T	Bromodichloromethane	50.000	48.176	3.6	106	0.00
48 T	Methyl methacrylate	50.000	51.599	-3.2	110	0.00
49 T	1,4-Dioxane	1000.000	937.409	6.3	103	0.00
50 S	Toluene-d8	50.000	49.174	1.7	107	0.00
51 T	4-Methyl-2-Pentanone	250.000	254.951	-2.0	110	0.00
52 CM	Toluene	50.000	48.717	2.6#	106	0.00
53 T	t-1,3-Dichloropropene	50.000	49.100	1.8	106	0.00
54 T	cis-1,3-Dichloropropene	50.000	49.548	0.9	107	0.00
55 T	1,1,2-Trichloroethane	50.000	47.898	4.2	106	0.00
56 T	Ethyl methacrylate	50.000	52.120	-4.2	112	0.00
57 T	1,3-Dichloropropane	50.000	48.489	3.0	108	0.00
58 T	2-Chloroethyl Vinyl ether	250.000	235.494	5.8	108	0.00
59 T	2-Hexanone	250.000	254.104	-1.6	108	0.00
60 T	Dibromochloromethane	50.000	49.389	1.2	110	0.00
61 T	1,2-Dibromoethane	50.000	49.183	1.6	108	0.00
62 S	4-Bromofluorobenzene	50.000	49.928	0.1	109	0.00
63 I	Chlorobenzene-d5	50.000	50.000	0.0	111	0.00
64 T	Tetrachloroethene	50.000	48.014	4.0	105	0.00
65 PM	Chlorobenzene	50.000	48.609	2.8	108	0.00
66 T	1,1,1,2-Tetrachloroethane	50.000	50.754	-1.5	108	0.00
67 C	Ethyl Benzene	50.000	49.061	1.9#	107	0.00
68 T	m/p-Xylenes	100.000	99.325	0.7	105	0.00
69 T	o-Xylene	50.000	49.480	1.0	106	0.00
70 T	Styrene	50.000	50.786	-1.6	106	0.00
71 P	Bromoform	50.000	51.661	-3.3	110	0.00
72 I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	108	0.00
73 T	Isopropylbenzene	50.000	49.622	0.8	105	0.00
74 T	N-amyl acetate	50.000	51.288	-2.6	107	0.00
75 P	1,1,2,2-Tetrachloroethane	50.000	49.832	0.3	108	0.00
76 T	1,2,3-Trichloropropane	50.000	46.970	6.1	102	0.00
77 T	Bromobenzene	50.000	49.597	0.8	109	0.00
78 T	n-propylbenzene	50.000	49.155	1.7	103	0.00
79 T	2-Chlorotoluene	50.000	49.587	0.8	105	0.00
80 T	1,3,5-Trimethylbenzene	50.000	49.522	1.0	102	0.00
81 T	trans-1,4-Dichloro-2-butene	50.000	34.287	31.4#	84	0.02
82 T	4-Chlorotoluene	50.000	50.679	-1.4	106	0.00
83 T	tert-Butylbenzene	50.000	49.082	1.8	105	0.00
84 T	1,2,4-Trimethylbenzene	50.000	49.855	0.3	102	0.00
85 T	sec-Butylbenzene	50.000	47.676	4.6	99	0.00
86 T	p-Isopropyltoluene	50.000	48.410	3.2	100	0.00
87 T	1,3-Dichlorobenzene	50.000	48.712	2.6	105	0.00
88 T	1,4-Dichlorobenzene	50.000	47.583	4.8	106	0.00
89 T	n-Butylbenzene	50.000	45.695	8.6	95	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
90 T	Hexachloroethane	50.000	45.521	9.0	99	0.00
91 T	1,2-Dichlorobenzene	50.000	49.006	2.0	105	0.00
92 T	1,2-Dibromo-3-Chloropropane	50.000	52.028	-4.1	110	0.00
93 T	1,2,4-Trichlorobenzene	50.000	51.656	-3.3	106	0.00
94 T	Hexachlorobutadiene	50.000	38.862	22.3#	86	0.00
95 T	Naphthalene	50.000	52.136	-4.3	114	0.00
96 T	1,2,3-Trichlorobenzene	50.000	51.139	-2.3	103	0.00

(#) = Out of Range

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