

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU122218\
 Data File : VU028930.D
 Acq On : 22 Dec 2018 21:27
 Operator : MD/SY
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_U
 LabSampleId :
 VSTDCCC050

Quant Time: Dec 24 07:41:19 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\82U120618W.M
 Quant Title : SW846 8260
 QLast Update : Fri Dec 07 00:39:42 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	163	0.00
2 T	Dichlorodifluoromethane	50.000	39.604	20.8#	129	0.00
3 P	Chloromethane	50.000	30.121	39.8#	103	0.00
4 C	Vinyl Chloride	50.000	41.247	17.5#	135	0.00
5 T	Bromomethane	50.000	52.834	-5.7	186	-0.02
6 T	Chloroethane	50.000	42.202	15.6	135	-0.01
7 T	Trichlorofluoromethane	50.000	43.872	12.3	147	0.00
8 T	Diethyl Ether	50.000	45.945	8.1	156	0.00
9 T	1,1,2-Trichlorotrifluoroeth	50.000	46.240	7.5	155	0.00
10 T	Methyl Iodide	50.000	65.955	-31.9#	211	0.00
11 T	Tert butyl alcohol	250.000	213.896	14.4	140	0.00
12 CM	1,1-Dichloroethene	50.000	47.661	4.7#	159	0.00
13 T	Acrolein	250.000	198.869	20.5#	130	0.00
14 T	Allyl chloride	50.000	34.631	30.7#	119	0.00
15 T	Acrylonitrile	250.000	193.547	22.6#	125	0.00
16 T	Acetone	250.000	133.246	46.7#	93	0.00
17 T	Carbon Disulfide	50.000	40.052	19.9	136	0.00
18 T	Methyl Acetate	50.000	36.093	27.8#	117	0.00
19 T	Methyl tert-butyl Ether	50.000	43.744	12.5	144	0.00
20 T	Methylene Chloride	50.000	42.846	14.3	152	0.00
21 T	trans-1,2-Dichloroethene	50.000	45.162	9.7	150	0.00
22 T	Diisopropyl ether	50.000	34.669	30.7#	113	0.00
23 T	Vinyl Acetate	250.000	168.534	32.6#	108	0.00
24 P	1,1-Dichloroethane	50.000	39.542	20.9#	133	0.00
25 T	2-Butanone	250.000	161.872	35.3#	105	0.00
26 T	2,2-Dichloropropane	50.000	37.102	25.8#	126	0.00
27 T	cis-1,2-Dichloroethene	50.000	46.344	7.3	154	0.00
28 T	Bromochloromethane	50.000	33.999	32.0#	111	0.00
29 T	Tetrahydrofuran	250.000	169.326	32.3#	109	0.00
30 C	Chloroform	50.000	43.914	12.2#	146	0.00
31 T	Cyclohexane	50.000	37.492	25.0#	125	0.00
32 T	1,1,1-Trichloroethane	50.000	43.550	12.9	144	0.00
33 S	1,2-Dichloroethane-d4	50.000	39.162	21.7#	133	0.00
34 I	1,4-Difluorobenzene	50.000	50.000	0.0	154	0.00
35 S	Dibromofluoromethane	50.000	50.789	-1.6	160	0.00
36 T	1,1-Dichloropropene	50.000	44.237	11.5	138	0.00
37 T	Ethyl Acetate	50.000	36.727	26.5#	110	0.00
38 T	Carbon Tetrachloride	50.000	46.788	6.4	147	0.00
39 T	Methylcyclohexane	50.000	44.749	10.5	142	0.00
40 TM	Benzene	50.000	47.306	5.4	146	0.00
41 T	Methacrylonitrile	50.000	36.823	26.4#	111	0.00
42 TM	1,2-Dichloroethane	50.000	41.692	16.6	129	0.00
43 T	Isopropyl Acetate	50.000	37.399	25.2#	113	0.00
44 TM	Trichloroethene	50.000	53.613	-7.2	169	0.00
45 C	1,2-Dichloropropane	50.000	44.185	11.6#	132	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	48.189	3.6	148	0.00
47 T	Bromodichloromethane	50.000	45.097	9.8	140	0.00
48 T	Methyl methacrylate	50.000	37.257	25.5#	111	0.00
49 T	1,4-Dioxane	1000.000	1133.242	-13.3	173	0.00
50 S	Toluene-d8	50.000	49.643	0.7	156	0.00
51 T	4-Methyl-2-Pentanone	250.000	185.637	25.7#	113	0.00
52 CM	Toluene	50.000	50.698	-1.4#	154	0.00
53 T	t-1,3-Dichloropropene	50.000	45.133	9.7	138	0.00
54 T	cis-1,3-Dichloropropene	50.000	45.394	9.2	139	0.00
55 T	1,1,2-Trichloroethane	50.000	50.407	-0.8	151	0.00
56 T	Ethyl methacrylate	50.000	47.407	5.2	141	0.00
57 T	1,3-Dichloropropane	50.000	46.096	7.8	143	0.00
58 T	2-Chloroethyl Vinyl ether	250.000	198.309	20.7#	120	0.00
59 T	2-Hexanone	250.000	180.949	27.6#	111	0.00
60 T	Dibromochloromethane	50.000	48.652	2.7	152	0.00
61 T	1,2-Dibromoethane	50.000	52.186	-4.4	156	0.00
62 S	4-Bromofluorobenzene	50.000	49.852	0.3	159	0.00
63 I	Chlorobenzene-d5	50.000	50.000	0.0	151	0.00
64 T	Tetrachloroethene	50.000	55.878	-11.8	173	0.00
65 PM	Chlorobenzene	50.000	52.654	-5.3	161	0.00
66 T	1,1,1,2-Tetrachloroethane	50.000	53.938	-7.9	159	0.00
67 C	Ethyl Benzene	50.000	50.306	-0.6#	152	0.00
68 T	m/p-Xylenes	100.000	106.819	-6.8	158	0.00
69 T	o-Xylene	50.000	53.537	-7.1	160	0.00
70 T	Styrene	50.000	53.235	-6.5	159	0.00
71 P	Bromoform	50.000	53.719	-7.4	158	0.00
72 I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	154	0.00
73 T	Isopropylbenzene	50.000	50.248	-0.5	158	0.00
74 T	N-amyl acetate	50.000	36.733	26.5#	114	0.00
75 P	1,1,2,2-Tetrachloroethane	50.000	47.751	4.5	147	0.00
76 T	1,2,3-Trichloropropane	50.000	47.399	5.2	143	0.00
77 T	Bromobenzene	50.000	55.424	-10.8	172	0.00
78 T	n-propylbenzene	50.000	47.715	4.6	148	0.00
79 T	2-Chlorotoluene	50.000	48.837	2.3	151	0.00
80 T	1,3,5-Trimethylbenzene	50.000	51.299	-2.6	157	0.00
81 T	trans-1,4-Dichloro-2-butene	50.000	48.889	2.2	164	0.00
82 T	4-Chlorotoluene	50.000	46.871	6.3	148	0.00
83 T	tert-Butylbenzene	50.000	51.170	-2.3	159	0.00
84 T	1,2,4-Trimethylbenzene	50.000	52.195	-4.4	161	0.00
85 T	sec-Butylbenzene	50.000	48.680	2.6	150	0.00
86 T	p-Isopropyltoluene	50.000	49.576	0.8	154	0.00
87 T	1,3-Dichlorobenzene	50.000	52.592	-5.2	167	0.00
88 T	1,4-Dichlorobenzene	50.000	50.392	-0.8	164	0.00
89 T	n-Butylbenzene	50.000	43.976	12.0	136	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
90 T	Hexachloroethane	50.000	46.006	8.0	142	0.00
91 T	1,2-Dichlorobenzene	50.000	52.715	-5.4	168	0.00
92 T	1,2-Dibromo-3-Chloropropane	50.000	45.633	8.7	137	0.00
93 T	1,2,4-Trichlorobenzene	50.000	51.249	-2.5	162	0.00
94 T	Hexachlorobutadiene	50.000	45.640	8.7	147	0.00
95 T	Naphthalene	50.000	52.926	-5.9	167	0.00
96 T	1,2,3-Trichlorobenzene	50.000	52.418	-4.8	162	0.00

(#) = Out of Range

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