

Data Path : Z:\voasrv\HPCHEM1\MSVOA U\Data\VU121918\
 Data File : VU028782.D
 Acq On : 19 Dec 2018 09:49
 Operator : MD/SY
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_U
 LabSampleId :
 VSTDCCC050

Quant Time: Dec 20 05:50:23 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	107	0.00
2 T	Dichlorodifluoromethane	50.000	47.862	4.3	102	0.00
3 P	Chloromethane	50.000	40.655	18.7	91	0.00
4 C	Vinyl Chloride	50.000	47.804	4.4#	103	0.00
5 T	Bromomethane	50.000	58.984	-18.0	137	-0.02
6 T	Chloroethane	50.000	48.343	3.3	102	0.00
7 T	Trichlorofluoromethane	50.000	48.527	2.9	107	0.00
8 T	Diethyl Ether	50.000	48.588	2.8	108	0.00
9 T	1,1,2-Trichlorotrifluoroeth	50.000	53.474	-6.9	118	0.00
10 T	Methyl Iodide	50.000	67.031	-34.1#	141	0.00
11 T	Tert butyl alcohol	250.000	211.378	15.4	91	0.00
12 CM	1,1-Dichloroethene	50.000	52.623	-5.2#	115	0.00
13 T	Acrolein	250.000	213.156	14.7	91	0.00
14 T	Allyl chloride	50.000	40.211	19.6	91	0.00
15 T	Acrylonitrile	250.000	226.052	9.6	96	0.00
16 T	Acetone	250.000	211.864	15.3	97	0.00
17 T	Carbon Disulfide	50.000	48.416	3.2	108	0.00
18 T	Methyl Acetate	50.000	43.544	12.9	93	0.00
19 T	Methyl tert-butyl Ether	50.000	47.291	5.4	102	0.00
20 T	Methylene Chloride	50.000	47.626	4.7	111	0.00
21 T	trans-1,2-Dichloroethene	50.000	50.517	-1.0	110	0.00
22 T	Diisopropyl ether	50.000	43.468	13.1	93	0.00
23 T	Vinyl Acetate	250.000	213.128	14.7	90	0.00
24 P	1,1-Dichloroethane	50.000	46.396	7.2	102	0.00
25 T	2-Butanone	250.000	213.577	14.6	91	0.00
26 T	2,2-Dichloropropane	50.000	47.070	5.9	105	0.00
27 T	cis-1,2-Dichloroethene	50.000	51.673	-3.3	113	0.00
28 T	Bromochloromethane	50.000	45.162	9.7	97	0.00
29 T	Tetrahydrofuran	250.000	207.631	16.9	87	0.00
30 C	Chloroform	50.000	48.920	2.2#	107	0.00
31 T	Cyclohexane	50.000	46.629	6.7	101	0.00
32 T	1,1,1-Trichloroethane	50.000	47.934	4.1	104	0.00
33 S	1,2-Dichloroethane-d4	50.000	44.815	10.4	100	0.00
34 I	1,4-Difluorobenzene	50.000	50.000	0.0	99	0.00
35 S	Dibromofluoromethane	50.000	56.566	-13.1	114	0.00
36 T	1,1-Dichloropropene	50.000	51.436	-2.9	103	0.00
37 T	Ethyl Acetate	50.000	44.324	11.4	86	0.00
38 T	Carbon Tetrachloride	50.000	52.794	-5.6	106	0.00
39 T	Methylcyclohexane	50.000	54.299	-8.6	111	0.00
40 TM	Benzene	50.000	54.822	-9.6	109	0.00
41 T	Methacrylonitrile	50.000	46.464	7.1	90	0.00
42 TM	1,2-Dichloroethane	50.000	48.945	2.1	98	0.00
43 T	Isopropyl Acetate	50.000	45.904	8.2	89	0.00
44 TM	Trichloroethene	50.000	57.691	-15.4	117	0.00
45 C	1,2-Dichloropropane	50.000	53.357	-6.7#	103	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	54.311	-8.6	107	0.00
47 T	Bromodichloromethane	50.000	52.422	-4.8	105	0.00
48 T	Methyl methacrylate	50.000	45.664	8.7	87	0.00
49 T	1,4-Dioxane	1000.000	1166.761	-16.7	114	0.00
50 S	Toluene-d8	50.000	56.857	-13.7	115	0.00
51 T	4-Methyl-2-Pentanone	250.000	227.279	9.1	89	0.00
52 CM	Toluene	50.000	56.028	-12.1#	110	0.00
53 T	t-1,3-Dichloropropene	50.000	52.713	-5.4	103	0.00
54 T	cis-1,3-Dichloropropene	50.000	53.192	-6.4	105	0.00
55 T	1,1,2-Trichloroethane	50.000	57.719	-15.4	111	0.00
56 T	Ethyl methacrylate	50.000	53.311	-6.6	102	0.00
57 T	1,3-Dichloropropane	50.000	53.546	-7.1	107	0.00
58 T	2-Chloroethyl Vinyl ether	250.000	240.482	3.8	94	0.00
59 T	2-Hexanone	250.000	225.178	9.9	89	0.00
60 T	Dibromochloromethane	50.000	55.776	-11.6	112	0.00
61 T	1,2-Dibromoethane	50.000	57.533	-15.1	111	0.00
62 S	4-Bromofluorobenzene	50.000	54.763	-9.5	113	0.00
63 I	Chlorobenzene-d5	50.000	50.000	0.0	100	0.00
64 T	Tetrachloroethene	50.000	58.075	-16.2	119	0.00
65 PM	Chlorobenzene	50.000	56.531	-13.1	114	0.00
66 T	1,1,1,2-Tetrachloroethane	50.000	59.282	-18.6	115	0.00
67 C	Ethyl Benzene	50.000	54.347	-8.7#	109	0.00
68 T	m/p-Xylenes	100.000	114.077	-14.1	112	0.00
69 T	o-Xylene	50.000	57.132	-14.3	113	0.00
70 T	Styrene	50.000	57.355	-14.7	113	0.00
71 P	Bromoform	50.000	59.274	-18.5	115	0.00
72 I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	104	0.00
73 T	Isopropylbenzene	50.000	52.658	-5.3	112	0.00
74 T	N-amyl acetate	50.000	42.160	15.7	88	0.00
75 P	1,1,2,2-Tetrachloroethane	50.000	52.848	-5.7	110	0.00
76 T	1,2,3-Trichloropropane	50.000	51.939	-3.9	106	0.00
77 T	Bromobenzene	50.000	55.608	-11.2	117	0.00
78 T	n-propylbenzene	50.000	51.556	-3.1	109	0.00
79 T	2-Chlorotoluene	50.000	51.644	-3.3	108	0.00
80 T	1,3,5-Trimethylbenzene	50.000	53.531	-7.1	111	0.00
81 T	trans-1,4-Dichloro-2-butene	50.000	53.081	-6.2	121	0.00
82 T	4-Chlorotoluene	50.000	50.999	-2.0	109	0.00
83 T	tert-Butylbenzene	50.000	53.459	-6.9	113	0.00
84 T	1,2,4-Trimethylbenzene	50.000	53.420	-6.8	112	0.00
85 T	sec-Butylbenzene	50.000	52.913	-5.8	111	0.00
86 T	p-Isopropyltoluene	50.000	53.536	-7.1	113	0.00
87 T	1,3-Dichlorobenzene	50.000	54.750	-9.5	118	0.00
88 T	1,4-Dichlorobenzene	50.000	53.036	-6.1	117	0.00
89 T	n-Butylbenzene	50.000	50.576	-1.2	106	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
90 T	Hexachloroethane	50.000	54.235	-8.5	114	0.00
91 T	1,2-Dichlorobenzene	50.000	53.986	-8.0	117	0.00
92 T	1,2-Dibromo-3-Chloropropane	50.000	47.824	4.4	97	0.00
93 T	1,2,4-Trichlorobenzene	50.000	53.360	-6.7	114	0.00
94 T	Hexachlorobutadiene	50.000	50.626	-1.3	111	0.00
95 T	Naphthalene	50.000	48.963	2.1	105	0.00
96 T	1,2,3-Trichlorobenzene	50.000	53.599	-7.2	112	0.00

(#) = Out of Range

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