

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU112818\
 Data File : VU028358.D
 Acq On : 28 Nov 2018 11:47
 Operator : MD/SY
 Sample : VSTDICV050
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 ICVVU112818

Quant Time: Nov 29 06:23:38 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\82U112818W.M
 Quant Title : SW846 8260
 QLast Update : Thu Nov 29 01:04:49 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	119	0.00
2 T	Dichlorodifluoromethane	50.000	48.187	3.6	110	0.00
3 P	Chloromethane	50.000	47.863	4.3	114	0.00
4 C	Vinyl Chloride	50.000	47.553	4.9#	111	0.00
5 T	Bromomethane	50.000	40.365	19.3	101	0.00
6 T	Chloroethane	50.000	46.443	7.1	109	0.00
7 T	Trichlorofluoromethane	50.000	47.972	4.1	112	0.00
8 T	Diethyl Ether	50.000	46.813	6.4	114	0.00
9 T	1,1,2-Trichlorotrifluoroeth	50.000	48.550	2.9	112	0.00
10 T	Methyl Iodide	50.000	52.153	-4.3	119	0.00
11 T	Tert butyl alcohol	250.000	238.075	4.8	116	0.00
12 CM	1,1-Dichloroethene	50.000	48.731	2.5#	113	0.00
13 T	Acrolein	250.000	234.464	6.2	114	0.00
14 T	Allyl chloride	50.000	44.979	10.0	107	0.00
15 T	Acrylonitrile	250.000	236.159	5.5	108	0.00
16 T	Acetone	250.000	222.785	10.9	108	0.00
17 T	Carbon Disulfide	50.000	46.453	7.1	111	0.00
18 T	Methyl Acetate	50.000	45.536	8.9	108	0.00
19 T	Methyl tert-butyl Ether	50.000	47.782	4.4	111	0.00
20 T	Methylene Chloride	50.000	46.795	6.4	110	0.00
21 T	trans-1,2-Dichloroethene	50.000	48.232	3.5	111	0.00
22 T	Diisopropyl ether	50.000	47.416	5.2	108	0.00
23 T	Vinyl Acetate	250.000	238.458	4.6	107	0.00
24 P	1,1-Dichloroethane	50.000	47.810	4.4	108	0.00
25 T	2-Butanone	250.000	233.541	6.6	108	0.00
26 T	2,2-Dichloropropane	50.000	47.964	4.1	111	0.00
27 T	cis-1,2-Dichloroethene	50.000	46.535	6.9	110	0.00
28 T	Bromochloromethane	50.000	48.730	2.5	110	0.00
29 T	Tetrahydrofuran	250.000	234.685	6.1	106	0.00
30 C	Chloroform	50.000	45.760	8.5#	108	0.00
31 T	Cyclohexane	50.000	46.638	6.7	109	0.00
32 T	1,1,1-Trichloroethane	50.000	47.326	5.3	109	0.00
33 S	1,2-Dichloroethane-d4	50.000	46.306	7.4	106	0.00
34 I	1,4-Difluorobenzene	50.000	50.000	0.0	113	0.00
35 S	Dibromofluoromethane	50.000	47.040	5.9	108	0.00
36 T	1,1-Dichloropropene	50.000	47.583	4.8	111	0.00
37 T	Ethyl Acetate	50.000	48.770	2.5	108	0.00
38 T	Carbon Tetrachloride	50.000	48.096	3.8	110	0.00
39 T	Methylcyclohexane	50.000	49.162	1.7	109	0.00
40 TM	Benzene	50.000	48.657	2.7	107	0.00
41 T	Methacrylonitrile	50.000	48.632	2.7	105	0.00
42 TM	1,2-Dichloroethane	50.000	47.646	4.7	106	0.00
43 T	Isopropyl Acetate	50.000	48.980	2.0	108	0.00
44 TM	Trichloroethene	50.000	50.600	-1.2	113	0.00
45 C	1,2-Dichloropropane	50.000	48.113	3.8#	106	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	46.853	6.3	104	0.00
47 T	Bromodichloromethane	50.000	47.719	4.6	108	0.00
48 T	Methyl methacrylate	50.000	47.624	4.8	108	0.00
49 T	1,4-Dioxane	1000.000	984.140	1.6	113	0.00
50 S	Toluene-d8	50.000	46.878	6.2	105	0.00
51 T	4-Methyl-2-Pentanone	250.000	237.003	5.2	104	0.00
52 CM	Toluene	50.000	48.868	2.3#	107	0.00
53 T	t-1,3-Dichloropropene	50.000	47.248	5.5	106	0.00
54 T	cis-1,3-Dichloropropene	50.000	47.657	4.7	108	0.00
55 T	1,1,2-Trichloroethane	50.000	45.944	8.1	104	0.00
56 T	Ethyl methacrylate	50.000	49.552	0.9	107	0.00
57 T	1,3-Dichloropropane	50.000	47.434	5.1	107	0.00
58 T	2-Chloroethyl Vinyl ether	250.000	246.522	1.4	106	0.00
59 T	2-Hexanone	250.000	239.843	4.1	106	0.00
60 T	Dibromochloromethane	50.000	48.525	3.0	109	0.00
61 T	1,2-Dibromoethane	50.000	48.954	2.1	107	0.00
62 S	4-Bromofluorobenzene	50.000	47.873	4.3	106	0.00
63 I	Chlorobenzene-d5	50.000	50.000	0.0	113	0.00
64 T	Tetrachloroethene	50.000	48.852	2.3	110	0.00
65 PM	Chlorobenzene	50.000	49.606	0.8	109	0.00
66 T	1,1,1,2-Tetrachloroethane	50.000	48.804	2.4	108	0.00
67 C	Ethyl Benzene	50.000	49.835	0.3#	109	0.00
68 T	m/p-Xylenes	100.000	100.472	-0.5	108	0.00
69 T	o-Xylene	50.000	49.658	0.7	109	0.00
70 T	Styrene	50.000	50.303	-0.6	108	0.00
71 P	Bromoform	50.000	49.399	1.2	108	0.00
72 I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	110	0.00
73 T	Isopropylbenzene	50.000	50.172	-0.3	108	0.00
74 T	N-amyl acetate	50.000	48.832	2.3	106	0.00
75 P	1,1,2,2-Tetrachloroethane	50.000	47.919	4.2	105	0.00
76 T	1,2,3-Trichloropropane	50.000	48.985	2.0	106	0.00
77 T	Bromobenzene	50.000	48.635	2.7	106	0.00
78 T	n-propylbenzene	50.000	50.742	-1.5	108	0.00
79 T	2-Chlorotoluene	50.000	49.886	0.2	107	0.00
80 T	1,3,5-Trimethylbenzene	50.000	50.525	-1.0	109	0.00
81 T	trans-1,4-Dichloro-2-butene	50.000	48.492	3.0	109	0.00
82 T	4-Chlorotoluene	50.000	50.032	-0.1	108	0.00
83 T	tert-Butylbenzene	50.000	51.035	-2.1	108	0.00
84 T	1,2,4-Trimethylbenzene	50.000	50.695	-1.4	107	0.00
85 T	sec-Butylbenzene	50.000	50.552	-1.1	109	0.00
86 T	p-Isopropyltoluene	50.000	51.555	-3.1	110	0.00
87 T	1,3-Dichlorobenzene	50.000	48.863	2.3	107	0.00
88 T	1,4-Dichlorobenzene	50.000	49.072	1.9	106	0.00
89 T	n-Butylbenzene	50.000	51.876	-3.8	108	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
90 T	Hexachloroethane	50.000	49.030	1.9	105	0.00
91 T	1,2-Dichlorobenzene	50.000	50.180	-0.4	109	0.00
92 T	1,2-Dibromo-3-Chloropropane	50.000	48.296	3.4	106	0.00
93 T	1,2,4-Trichlorobenzene	50.000	50.888	-1.8	109	0.00
94 T	Hexachlorobutadiene	50.000	49.833	0.3	107	0.00
95 T	Naphthalene	50.000	46.418	7.2	107	0.00
96 T	1,2,3-Trichlorobenzene	50.000	50.968	-1.9	107	0.00

(#) = Out of Range

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