

Data Path : Z:\voasrv\HPCHEM1\MSVOA Y\Data\VY042320\
 Data File : VY002460.D
 Acq On : 23 Apr 2020 14:57
 Operator : SY/MD
 Sample : VSTDICV050
 Misc : 5.00G/5ML/MSVOA Y/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 ICVVY042320

Quant Time: Apr 24 02:35:21 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y042320S.M
 Quant Title : SW846 8260
 QLast Update : Thu Apr 23 14:11:26 2020
 Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
 Max. RRF Dev : 25% Max. Rel. Area : 150%

	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
1 I	Pentafluorobenzene	50.000	50.000	0.0	108	-0.01
2 T	Dichlorodifluoromethane	50.000	56.726	-13.5	125	0.00
3 P	Chloromethane	50.000	52.827	-5.7	117	0.00
4 C	Vinyl Chloride	50.000	65.712	-31.4#	170	0.00
5 T	Bromomethane	50.000	49.637	0.7	117	0.00
6 T	Chloroethane	50.000	46.787	6.4	111	0.00
7 T	Trichlorofluoromethane	50.000	52.999	-6.0	103	0.00
8 T	Diethyl Ether	50.000	53.675	-7.3	115	0.00
9 T	1,1,2-Trichlorotrifluoroeth	50.000	54.380	-8.8	112	0.00
10 T	Methyl Iodide	50.000	53.591	-7.2	113	0.00
11 T	Tert butyl alcohol	250.000	265.357	-6.1	137	-0.01
12 CM	1,1-Dichloroethene	50.000	53.699	-7.4#	113	0.00
13 T	Acrolein	250.000	278.930	-11.6	118	0.00
14 T	Allyl chloride	50.000	52.624	-5.2	116	0.00
15 T	Acrylonitrile	250.000	264.588	-5.8	122	-0.01
16 T	Acetone	250.000	319.021	-27.6#	143	0.00
17 T	Carbon Disulfide	50.000	52.375	-4.8	112	-0.01
18 T	Methyl Acetate	50.000	50.055	-0.1	121	0.00
19 T	Methyl tert-butyl Ether	50.000	52.714	-5.4	118	-0.02
20 T	Methylene Chloride	50.000	47.099	5.8	116	0.00
21 T	trans-1,2-Dichloroethene	50.000	51.172	-2.3	113	0.00
22 T	Diisopropyl ether	50.000	50.780	-1.6	116	-0.01
23 T	Vinyl Acetate	250.000	265.740	-6.3	120	0.00
24 P	1,1-Dichloroethane	50.000	51.268	-2.5	112	0.00
25 T	2-Butanone	250.000	278.914	-11.6	134	-0.01
26 T	2,2-Dichloropropane	50.000	52.154	-4.3	114	-0.01
27 T	cis-1,2-Dichloroethene	50.000	51.983	-4.0	115	-0.01
28 T	Bromochloromethane	50.000	47.235	5.5	106	0.00
29 T	Tetrahydrofuran	250.000	267.790	-7.1	127	0.00
30 C	Chloroform	50.000	51.084	-2.2#	113	-0.01
31 T	Cyclohexane	50.000	48.535	2.9	114	-0.01
32 T	1,1,1-Trichloroethane	50.000	52.035	-4.1	113	0.00
33 S	1,2-Dichloroethane-d4	50.000	45.999	8.0	109	0.00
34 I	1,4-Difluorobenzene	50.000	50.000	0.0	110	0.00
35 S	Dibromofluoromethane	50.000	47.242	5.5	109	0.00
36 T	1,1-Dichloropropene	50.000	51.107	-2.2	114	-0.01
37 T	Ethyl Acetate	50.000	51.642	-3.3	124	-0.01
38 T	Carbon Tetrachloride	50.000	51.145	-2.3	112	-0.01
39 T	Methylcyclohexane	50.000	51.937	-3.9	113	0.00
40 TM	Benzene	50.000	50.897	-1.8	114	0.00
41 T	Methacrylonitrile	50.000	47.627	4.7	112	-0.01
42 TM	1,2-Dichloroethane	50.000	50.589	-1.2	114	0.00
43 T	Isopropyl Acetate	50.000	52.962	-5.9	125	0.00
44 TM	Trichloroethene	50.000	50.917	-1.8	113	0.00
45 C	1,2-Dichloropropane	50.000	51.352	-2.7#	115	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
46 T	Dibromomethane	50.000	51.835	-3.7	116	0.00
47 T	Bromodichloromethane	50.000	51.179	-2.4	113	0.00
48 T	Methyl methacrylate	50.000	53.969	-7.9	125	0.00
49 T	1,4-Dioxane	1000.000	980.032	2.0	107	0.00
50 S	Toluene-d8	50.000	45.682	8.6	109	0.00
51 T	4-Methyl-2-Pentanone	250.000	267.879	-7.2	127	0.00
52 CM	Toluene	50.000	50.628	-1.3#	113	0.00
53 T	t-1,3-Dichloropropene	50.000	52.522	-5.0	117	0.00
54 T	cis-1,3-Dichloropropene	50.000	51.631	-3.3	115	0.00
55 T	1,1,2-Trichloroethane	50.000	51.299	-2.6	119	0.00
56 T	Ethyl methacrylate	50.000	52.341	-4.7	120	0.00
57 T	1,3-Dichloropropane	50.000	51.320	-2.6	119	0.00
58 T	2-Chloroethyl Vinyl ether	250.000	244.349	2.3	115	0.00
59 T	2-Hexanone	250.000	273.382	-9.4	131	0.00
60 T	Dibromochloromethane	50.000	51.797	-3.6	116	0.00
61 T	1,2-Dibromoethane	50.000	50.904	-1.8	118	0.00
62 S	4-Bromofluorobenzene	50.000	45.382	9.2	110	0.00
63 I	Chlorobenzene-d5	50.000	50.000	0.0	108	0.00
64 T	Tetrachloroethene	50.000	51.387	-2.8	113	0.00
65 PM	Chlorobenzene	50.000	52.091	-4.2	114	0.00
66 T	1,1,1,2-Tetrachloroethane	50.000	52.827	-5.7	114	0.00
67 C	Ethyl Benzene	50.000	52.149	-4.3#	113	0.00
68 T	m/p-Xylenes	100.000	103.585	-3.6	113	0.00
69 T	o-Xylene	50.000	52.933	-5.9	114	0.00
70 T	Styrene	50.000	52.828	-5.7	114	0.00
71 P	Bromoform	50.000	53.711	-7.4	120	0.00
72 I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	105	0.00
73 T	Isopropylbenzene	50.000	51.026	-2.1	110	0.00
74 T	N-amyl acetate	50.000	54.116	-8.2	122	0.00
75 P	1,1,2,2-Tetrachloroethane	50.000	54.550	-9.1	128	0.00
76 T	1,2,3-Trichloropropane	50.000	50.659	-1.3	112	0.00
77 T	Bromobenzene	50.000	51.972	-3.9	115	0.00
78 T	n-propylbenzene	50.000	52.275	-4.5	112	0.00
79 T	2-Chlorotoluene	50.000	51.784	-3.6	112	0.00
80 T	1,3,5-Trimethylbenzene	50.000	51.718	-3.4	111	0.00
81 T	trans-1,4-Dichloro-2-butene	50.000	54.334	-8.7	122	0.00
82 T	4-Chlorotoluene	50.000	52.120	-4.2	112	0.00
83 T	tert-Butylbenzene	50.000	52.531	-5.1	111	0.00
84 T	1,2,4-Trimethylbenzene	50.000	53.831	-7.7	111	0.00
85 T	sec-Butylbenzene	50.000	48.343	3.3	100	0.00
86 T	p-Isopropyltoluene	50.000	52.895	-5.8	110	0.00
87 T	1,3-Dichlorobenzene	50.000	52.060	-4.1	110	0.00
88 T	1,4-Dichlorobenzene	50.000	52.164	-4.3	111	0.00
89 T	n-Butylbenzene	50.000	51.873	-3.7	109	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
90 T	Hexachloroethane	50.000	51.905	-3.8	111	0.00
91 T	1,2-Dichlorobenzene	50.000	54.740	-9.5	111	0.00
92 T	1,2-Dibromo-3-Chloropropane	50.000	52.988	-6.0	124	0.00
93 T	1,2,4-Trichlorobenzene	50.000	51.814	-3.6	113	0.00
94 T	Hexachlorobutadiene	50.000	50.933	-1.9	108	0.00
95 T	Naphthalene	50.000	53.627	-7.3	120	0.00
96 T	1,2,3-Trichlorobenzene	50.000	52.835	-5.7	115	0.00

(#) = Out of Range

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