

Data Path : Z:\voasrv\HPCHEM1\MSVOA Y\Data\vv051220\
 Data File : VY002658.D
 Acq On : 12 May 2020 10:53
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00G/5ML/MSVOA Y/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 LabSampleId :
 VSTDCCC050

Quant Time: May 13 02:36:21 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y043020S.M
 Quant Title : SW846 8260
 QLast Update : Mon May 04 12:22:08 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	112	-0.01
2 T	Dichlorodifluoromethane	50.000	48.908	2.2	100	0.00
3 P	Chloromethane	50.000	49.861	0.3	99	0.00
4 C	Vinyl Chloride	50.000	50.281	-0.6#	100	0.00
5 T	Bromomethane	50.000	49.936	0.1	108	0.00
6 T	Chloroethane	50.000	50.407	-0.8	105	0.00
7 T	Trichlorofluoromethane	50.000	51.445	-2.9	110	0.00
8 T	Diethyl Ether	50.000	48.214	3.6	102	-0.01
9 T	1,1,2-Trichlorotrifluoroeth	50.000	52.566	-5.1	113	0.00
10 T	Methyl Iodide	50.000	54.602	-9.2	107	0.00
11 T	Tert butyl alcohol	250.000	191.395	23.4	88	-0.01
12 CM	1,1-Dichloroethene	50.000	53.037	-6.1#	114	0.00
13 T	Acrolein	250.000	238.668	4.5	98	0.00
14 T	Allyl chloride	50.000	52.694	-5.4	111	0.00
15 T	Acrylonitrile	250.000	221.925	11.2	95	-0.02
16 T	Acetone	250.000	209.018	16.4	89	0.00
17 T	Carbon Disulfide	50.000	51.711	-3.4	106	0.00
18 T	Methyl Acetate	50.000	43.434	13.1	96	-0.01
19 T	Methyl tert-butyl Ether	50.000	47.819	4.4	102	-0.01
20 T	Methylene Chloride	50.000	47.941	4.1	109	0.00
21 T	trans-1,2-Dichloroethene	50.000	52.108	-4.2	111	-0.01
22 T	Diisopropyl ether	50.000	50.231	-0.5	108	-0.01
23 T	Vinyl Acetate	250.000	236.006	5.6	99	-0.01
24 P	1,1-Dichloroethane	50.000	52.034	-4.1	111	-0.01
25 T	2-Butanone	250.000	205.216	17.9	88	-0.02
26 T	2,2-Dichloropropane	50.000	51.261	-2.5	115	-0.01
27 T	cis-1,2-Dichloroethene	50.000	51.379	-2.8	112	-0.01
28 T	Bromochloromethane	50.000	54.684	-9.4	121	0.00
29 T	Tetrahydrofuran	250.000	220.288	11.9	93	-0.01
30 C	Chloroform	50.000	50.665	-1.3#	110	-0.01
31 T	Cyclohexane	50.000	49.918	0.2	111	-0.01
32 T	1,1,1-Trichloroethane	50.000	52.004	-4.0	112	0.00
33 S	1,2-Dichloroethane-d4	50.000	43.974	12.1	99	-0.01
34 I	1,4-Difluorobenzene	50.000	50.000	0.0	111	-0.01
35 S	Dibromofluoromethane	50.000	49.625	0.8	110	0.00
36 T	1,1-Dichloropropene	50.000	52.897	-5.8	112	-0.01
37 T	Ethyl Acetate	50.000	44.765	10.5	95	-0.01
38 T	Carbon Tetrachloride	50.000	52.411	-4.8	111	-0.01
39 T	Methylcyclohexane	50.000	53.491	-7.0	113	-0.01
40 TM	Benzene	50.000	51.579	-3.2	110	0.00
41 T	Methacrylonitrile	50.000	50.085	-0.2	94	-0.01
42 TM	1,2-Dichloroethane	50.000	46.883	6.2	98	-0.01
43 T	Isopropyl Acetate	50.000	45.980	8.0	97	-0.01
44 TM	Trichloroethene	50.000	53.673	-7.3	116	-0.01
45 C	1,2-Dichloropropane	50.000	51.368	-2.7#	110	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
46 T	Dibromomethane	50.000	48.494	3.0	103	-0.01
47 T	Bromodichloromethane	50.000	51.060	-2.1	109	0.00
48 T	Methyl methacrylate	50.000	45.794	8.4	94	0.00
49 T	1,4-Dioxane	1000.000	887.545	11.2	91	0.00
50 S	Toluene-d8	50.000	49.474	1.1	110	-0.01
51 T	4-Methyl-2-Pentanone	250.000	227.497	9.0	93	-0.01
52 CM	Toluene	50.000	52.112	-4.2#	111	0.00
53 T	t-1,3-Dichloropropene	50.000	50.202	-0.4	105	0.00
54 T	cis-1,3-Dichloropropene	50.000	50.948	-1.9	108	-0.01
55 T	1,1,2-Trichloroethane	50.000	48.094	3.8	102	0.00
56 T	Ethyl methacrylate	50.000	48.878	2.2	100	-0.01
57 T	1,3-Dichloropropane	50.000	48.518	3.0	102	-0.01
58 T	2-Chloroethyl Vinyl ether	250.000	247.425	1.0	112	-0.01
59 T	2-Hexanone	250.000	222.124	11.2	90	0.00
60 T	Dibromochloromethane	50.000	50.199	-0.4	106	-0.01
61 T	1,2-Dibromoethane	50.000	48.305	3.4	103	-0.01
62 S	4-Bromofluorobenzene	50.000	49.170	1.7	111	0.00
63 I	Chlorobenzene-d5	50.000	50.000	0.0	107	0.00
64 T	Tetrachloroethene	50.000	57.230	-14.5	117	0.00
65 PM	Chlorobenzene	50.000	53.198	-6.4	110	0.00
66 T	1,1,1,2-Tetrachloroethane	50.000	53.660	-7.3	109	0.00
67 C	Ethyl Benzene	50.000	54.237	-8.5#	111	0.00
68 T	m/p-Xylenes	100.000	108.740	-8.7	111	0.00
69 T	o-Xylene	50.000	53.836	-7.7	111	0.00
70 T	Styrene	50.000	53.813	-7.6	109	0.00
71 P	Bromoform	50.000	50.593	-1.2	100	0.00
72 I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	104	0.00
73 T	Isopropylbenzene	50.000	55.690	-11.4	112	0.00
74 T	N-amyl acetate	50.000	49.113	1.8	93	0.00
75 P	1,1,2,2-Tetrachloroethane	50.000	47.132	5.7	92	0.00
76 T	1,2,3-Trichloropropane	50.000	40.956	18.1	78	0.00
77 T	Bromobenzene	50.000	55.072	-10.1	110	0.00
78 T	n-propylbenzene	50.000	55.282	-10.6	111	0.00
79 T	2-Chlorotoluene	50.000	54.707	-9.4	110	0.00
80 T	1,3,5-Trimethylbenzene	50.000	55.473	-10.9	110	0.00
81 T	trans-1,4-Dichloro-2-butene	50.000	49.919	0.2	97	0.00
82 T	4-Chlorotoluene	50.000	54.368	-8.7	109	0.00
83 T	tert-Butylbenzene	50.000	55.291	-10.6	110	0.00
84 T	1,2,4-Trimethylbenzene	50.000	54.932	-9.9	110	0.00
85 T	sec-Butylbenzene	50.000	55.443	-10.9	111	0.00
86 T	p-Isopropyltoluene	50.000	55.282	-10.6	110	0.00
87 T	1,3-Dichlorobenzene	50.000	53.649	-7.3	108	0.00
88 T	1,4-Dichlorobenzene	50.000	53.354	-6.7	107	0.00
89 T	n-Butylbenzene	50.000	55.044	-10.1	110	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
90 T	Hexachloroethane	50.000	56.622	-13.2	113	0.00
91 T	1,2-Dichlorobenzene	50.000	52.178	-4.4	104	0.00
92 T	1,2-Dibromo-3-Chloropropane	50.000	45.911	8.2	91	0.00
93 T	1,2,4-Trichlorobenzene	50.000	51.592	-3.2	103	0.00
94 T	Hexachlorobutadiene	50.000	54.622	-9.2	111	0.00
95 T	Naphthalene	50.000	48.418	3.2	94	0.00
96 T	1,2,3-Trichlorobenzene	50.000	49.975	0.0	100	0.00

(#) = Out of Range

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