

Data Path : Z:\voasrv\HPCHEM1\MSVOA D\Data\VD013020\
 Data File : VD065022.D
 Acq On : 30 Jan 2020 19:32
 Operator : VA/SY
 Sample : VSTDCCC050
 Misc : 5.00G/5.00ml/MSVOA D/SOIL
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_D
 LabSampleId :
 VSTDCCC050

Quant Time: Jan 31 02:52:04 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D012320S.M
 Quant Title : SW846 8260
 QLast Update : Thu Jan 23 13:45:59 2020
 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	91	0.00
2 T	Dichlorodifluoromethane	50.000	48.811	2.4	88	0.00
3 P	Chloromethane	50.000	48.772	2.5	92	0.00
4 C	Vinyl Chloride	50.000	47.823	4.4#	89	0.00
5 T	Bromomethane	50.000	47.981	4.0	92	0.00
6 T	Chloroethane	50.000	48.958	2.1	91	0.00
7 T	Trichlorofluoromethane	50.000	47.446	5.1	88	0.00
8 T	Diethyl Ether	50.000	51.948	-3.9	97	0.00
9 T	1,1,2-Trichlorotrifluoroeth	50.000	49.367	1.3	92	0.00
10 T	Methyl Iodide	50.000	52.516	-5.0	89	0.00
11 T	Tert butyl alcohol	250.000	255.933	-2.4	87	0.00
12 CM	1,1-Dichloroethene	50.000	49.092	1.8#	92	0.00
13 T	Acrolein	250.000	256.941	-2.8	97	0.00
14 T	Allyl chloride	50.000	51.660	-3.3	95	0.00
15 T	Acrylonitrile	250.000	277.323	-10.9	103	0.00
16 T	Acetone	250.000	264.931	-6.0	107	0.00
17 T	Carbon Disulfide	50.000	48.507	3.0	91	0.00
18 T	Methyl Acetate	50.000	55.103	-10.2	104	0.00
19 T	Methyl tert-butyl Ether	50.000	54.995	-10.0	100	0.00
20 T	Methylene Chloride	50.000	57.220	-14.4	101	0.00
21 T	trans-1,2-Dichloroethene	50.000	51.554	-3.1	96	0.00
22 T	Diisopropyl ether	50.000	55.824	-11.6	102	0.00
23 T	Vinyl Acetate	250.000	264.966	-6.0	94	0.00
24 P	1,1-Dichloroethane	50.000	53.137	-6.3	99	0.00
25 T	2-Butanone	250.000	284.444	-13.8	101	0.00
26 T	2,2-Dichloropropane	50.000	49.670	0.7	93	0.00
27 T	cis-1,2-Dichloroethene	50.000	53.709	-7.4	101	0.00
28 T	Bromochloromethane	50.000	60.980	-22.0#	100	0.00
29 T	Tetrahydrofuran	250.000	273.948	-9.6	100	0.00
30 C	Chloroform	50.000	53.712	-7.4#	101	0.00
31 T	Cyclohexane	50.000	46.653	6.7	90	0.00
32 T	1,1,1-Trichloroethane	50.000	50.986	-2.0	95	0.00
33 S	1,2-Dichloroethane-d4	50.000	51.655	-3.3	91	0.00
34 I	1,4-Difluorobenzene	50.000	50.000	0.0	94	0.00
35 S	Dibromofluoromethane	50.000	51.458	-2.9	92	0.00
36 T	1,1-Dichloropropene	50.000	49.740	0.5	93	0.00
37 T	Ethyl Acetate	50.000	52.462	-4.9	104	0.00
38 T	Carbon Tetrachloride	50.000	49.241	1.5	92	0.00
39 T	Methylcyclohexane	50.000	47.837	4.3	88	0.00
40 TM	Benzene	50.000	51.726	-3.5	98	0.00
41 T	Methacrylonitrile	50.000	52.275	-4.5	86	-0.01
42 TM	1,2-Dichloroethane	50.000	52.745	-5.5	100	0.00
43 T	Isopropyl Acetate	50.000	53.036	-6.1	101	0.00
44 TM	Trichloroethene	50.000	50.304	-0.6	97	0.00
45 C	1,2-Dichloropropane	50.000	52.922	-5.8#	102	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
46 T	Dibromomethane	50.000	52.926	-5.9	103	0.00
47 T	Bromodichloromethane	50.000	54.378	-8.8	104	0.00
48 T	Methyl methacrylate	50.000	53.348	-6.7	98	0.00
49 T	1,4-Dioxane	1000.000	981.415	1.9	90	0.00
50 S	Toluene-d8	50.000	49.966	0.1	88	0.00
51 T	4-Methyl-2-Pentanone	250.000	275.836	-10.3	102	0.00
52 CM	Toluene	50.000	51.488	-3.0#	97	0.00
53 T	t-1,3-Dichloropropene	50.000	53.687	-7.4	100	0.00
54 T	cis-1,3-Dichloropropene	50.000	54.496	-9.0	102	0.00
55 T	1,1,2-Trichloroethane	50.000	53.316	-6.6	102	0.00
56 T	Ethyl methacrylate	50.000	56.714	-13.4	102	0.00
57 T	1,3-Dichloropropane	50.000	54.483	-9.0	102	0.00
58 T	2-Chloroethyl Vinyl ether	250.000	268.146	-7.3	111	0.00
59 T	2-Hexanone	250.000	293.674	-17.5	106	0.00
60 T	Dibromochloromethane	50.000	54.003	-8.0	103	0.00
61 T	1,2-Dibromoethane	50.000	53.517	-7.0	102	0.00
62 S	4-Bromofluorobenzene	50.000	52.677	-5.4	94	0.00
63 I	Chlorobenzene-d5	50.000	50.000	0.0	97	0.00
64 T	Tetrachloroethene	50.000	56.929	-13.9	110	0.00
65 PM	Chlorobenzene	50.000	50.343	-0.7	101	0.00
66 T	1,1,1,2-Tetrachloroethane	50.000	51.374	-2.7	101	0.00
67 C	Ethyl Benzene	50.000	51.399	-2.8#	98	0.00
68 T	m/p-Xylenes	100.000	103.381	-3.4	99	0.00
69 T	o-Xylene	50.000	51.666	-3.3	99	0.00
70 T	Styrene	50.000	52.574	-5.1	98	0.00
71 P	Bromoform	50.000	50.953	-1.9	100	0.00
72 I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	100	0.00
73 T	Isopropylbenzene	50.000	49.695	0.6	96	0.00
74 T	N-amyl acetate	50.000	51.699	-3.4	101	0.00
75 P	1,1,2,2-Tetrachloroethane	50.000	50.629	-1.3	102	0.00
76 T	1,2,3-Trichloropropane	50.000	50.209	-0.4	92	0.00
77 T	Bromobenzene	50.000	50.689	-1.4	101	0.00
78 T	n-propylbenzene	50.000	49.887	0.2	97	0.00
79 T	2-Chlorotoluene	50.000	49.917	0.2	99	0.00
80 T	1,3,5-Trimethylbenzene	50.000	51.236	-2.5	100	0.00
81 T	trans-1,4-Dichloro-2-butene	50.000	48.715	2.6	97	0.00
82 T	4-Chlorotoluene	50.000	50.441	-0.9	101	0.00
83 T	tert-Butylbenzene	50.000	51.048	-2.1	99	0.00
84 T	1,2,4-Trimethylbenzene	50.000	50.509	-1.0	99	0.00
85 T	sec-Butylbenzene	50.000	48.980	2.0	96	0.00
86 T	p-Isopropyltoluene	50.000	50.290	-0.6	97	0.00
87 T	1,3-Dichlorobenzene	50.000	49.773	0.5	100	0.00
88 T	1,4-Dichlorobenzene	50.000	50.141	-0.3	102	0.00
89 T	n-Butylbenzene	50.000	49.787	0.4	95	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
90 T	Hexachloroethane	50.000	49.642	0.7	98	0.00
91 T	1,2-Dichlorobenzene	50.000	50.507	-1.0	101	0.00
92 T	1,2-Dibromo-3-Chloropropane	50.000	49.735	0.5	103	0.00
93 T	1,2,4-Trichlorobenzene	50.000	50.135	-0.3	100	0.00
94 T	Hexachlorobutadiene	50.000	46.794	6.4	96	0.00
95 T	Naphthalene	50.000	53.147	-6.3	102	0.00
96 T	1,2,3-Trichlorobenzene	50.000	51.173	-2.3	101	0.00

(#) = Out of Range

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