

Data Path : Z:\voasrv\HPCHEM1\MSVOA D\Data\VD012920\
 Data File : VD065001.D
 Acq On : 29 Jan 2020 17:53
 Operator : VA/SY
 Sample : VSTDCCC050
 Misc : 5.00G/5.00ml/MSVOA D/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_D
 LabSampleId :
 VSTDCCC050

Quant Time: Jan 29 22:26:35 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	97	0.00
2 T	Dichlorodifluoromethane	50.000	47.136	5.7	90	0.00
3 P	Chloromethane	50.000	48.647	2.7	97	0.00
4 C	Vinyl Chloride	50.000	46.967	6.1#	92	0.00
5 T	Bromomethane	50.000	44.632	10.7	91	0.00
6 T	Chloroethane	50.000	47.189	5.6	93	0.00
7 T	Trichlorofluoromethane	50.000	47.245	5.5	93	0.00
8 T	Diethyl Ether	50.000	49.222	1.6	97	0.00
9 T	1,1,2-Trichlorotrifluoroeth	50.000	49.196	1.6	97	0.00
10 T	Methyl Iodide	50.000	47.978	4.0	86	0.00
11 T	Tert butyl alcohol	250.000	231.390	7.4	83	0.01
12 CM	1,1-Dichloroethene	50.000	48.874	2.3#	97	0.00
13 T	Acrolein	250.000	270.403	-8.2	108	0.00
14 T	Allyl chloride	50.000	50.418	-0.8	98	0.00
15 T	Acrylonitrile	250.000	256.885	-2.8	101	0.00
16 T	Acetone	250.000	178.358	28.7#	79	0.00
17 T	Carbon Disulfide	50.000	46.916	6.2	93	0.00
18 T	Methyl Acetate	50.000	49.245	1.5	98	0.00
19 T	Methyl tert-butyl Ether	50.000	51.263	-2.5	98	0.00
20 T	Methylene Chloride	50.000	58.138	-16.3	108	0.00
21 T	trans-1,2-Dichloroethene	50.000	49.485	1.0	98	0.00
22 T	Diisopropyl ether	50.000	52.509	-5.0	101	0.00
23 T	Vinyl Acetate	250.000	263.710	-5.5	99	0.00
24 P	1,1-Dichloroethane	50.000	50.518	-1.0	100	0.00
25 T	2-Butanone	250.000	239.178	4.3	90	0.00
26 T	2,2-Dichloropropane	50.000	48.812	2.4	97	0.00
27 T	cis-1,2-Dichloroethene	50.000	50.413	-0.8	100	0.00
28 T	Bromochloromethane	50.000	56.848	-13.7	99	0.00
29 T	Tetrahydrofuran	250.000	252.072	-0.8	98	0.00
30 C	Chloroform	50.000	50.611	-1.2#	101	0.00
31 T	Cyclohexane	50.000	46.014	8.0	94	0.00
32 T	1,1,1-Trichloroethane	50.000	49.128	1.7	97	0.00
33 S	1,2-Dichloroethane-d4	50.000	50.358	-0.7	94	0.00
34 I	1,4-Difluorobenzene	50.000	50.000	0.0	99	0.00
35 S	Dibromofluoromethane	50.000	50.619	-1.2	95	0.00
36 T	1,1-Dichloropropene	50.000	47.911	4.2	94	0.00
37 T	Ethyl Acetate	50.000	49.399	1.2	102	0.00
38 T	Carbon Tetrachloride	50.000	48.824	2.4	95	0.00
39 T	Methylcyclohexane	50.000	48.908	2.2	94	0.00
40 TM	Benzene	50.000	49.601	0.8	98	0.00
41 T	Methacrylonitrile	50.000	48.521	3.0	84	0.00
42 TM	1,2-Dichloroethane	50.000	49.463	1.1	98	0.00
43 T	Isopropyl Acetate	50.000	49.003	2.0	98	0.00
44 TM	Trichloroethene	50.000	49.176	1.6	99	0.00
45 C	1,2-Dichloropropane	50.000	50.355	-0.7#	102	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	49.216	1.6	100	0.00
47 T	Bromodichloromethane	50.000	50.905	-1.8	102	0.00
48 T	Methyl methacrylate	50.000	51.095	-2.2	98	0.00
49 T	1,4-Dioxane	1000.000	1027.581	-2.8	99	0.00
50 S	Toluene-d8	50.000	49.239	1.5	91	0.00
51 T	4-Methyl-2-Pentanone	250.000	254.211	-1.7	99	0.00
52 CM	Toluene	50.000	49.439	1.1#	98	0.00
53 T	t-1,3-Dichloropropene	50.000	51.270	-2.5	100	0.00
54 T	cis-1,3-Dichloropropene	50.000	50.899	-1.8	100	0.00
55 T	1,1,2-Trichloroethane	50.000	49.603	0.8	99	0.00
56 T	Ethyl methacrylate	50.000	53.031	-6.1	100	0.00
57 T	1,3-Dichloropropane	50.000	51.040	-2.1	100	0.00
58 T	2-Chloroethyl Vinyl ether	250.000	255.145	-2.1	110	0.00
59 T	2-Hexanone	250.000	244.999	2.0	93	0.00
60 T	Dibromochloromethane	50.000	50.382	-0.8	100	0.00
61 T	1,2-Dibromoethane	50.000	50.243	-0.5	100	0.00
62 S	4-Bromofluorobenzene	50.000	50.425	-0.8	95	0.00
63 I	Chlorobenzene-d5	50.000	50.000	0.0	99	0.00
64 T	Tetrachloroethene	50.000	47.416	5.2	94	0.00
65 PM	Chlorobenzene	50.000	49.038	1.9	100	0.00
66 T	1,1,1,2-Tetrachloroethane	50.000	49.502	1.0	99	0.00
67 C	Ethyl Benzene	50.000	50.657	-1.3#	99	0.00
68 T	m/p-Xylenes	100.000	102.888	-2.9	100	0.00
69 T	o-Xylene	50.000	51.935	-3.9	101	0.00
70 T	Styrene	50.000	52.608	-5.2	101	0.00
71 P	Bromoform	50.000	49.673	0.7	100	0.00
72 I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	101	0.00
73 T	Isopropylbenzene	50.000	51.176	-2.4	99	0.00
74 T	N-amyl acetate	50.000	50.351	-0.7	99	0.00
75 P	1,1,2,2-Tetrachloroethane	50.000	49.403	1.2	100	0.00
76 T	1,2,3-Trichloropropane	50.000	48.533	2.9	89	0.00
77 T	Bromobenzene	50.000	50.738	-1.5	101	0.00
78 T	n-propylbenzene	50.000	50.531	-1.1	99	0.00
79 T	2-Chlorotoluene	50.000	50.238	-0.5	99	0.00
80 T	1,3,5-Trimethylbenzene	50.000	50.933	-1.9	100	0.00
81 T	trans-1,4-Dichloro-2-butene	50.000	48.816	2.4	97	0.00
82 T	4-Chlorotoluene	50.000	50.840	-1.7	102	0.00
83 T	tert-Butylbenzene	50.000	52.526	-5.1	102	0.00
84 T	1,2,4-Trimethylbenzene	50.000	51.209	-2.4	101	0.00
85 T	sec-Butylbenzene	50.000	49.705	0.6	98	0.00
86 T	p-Isopropyltoluene	50.000	51.064	-2.1	99	0.00
87 T	1,3-Dichlorobenzene	50.000	50.733	-1.5	103	0.00
88 T	1,4-Dichlorobenzene	50.000	49.273	1.5	100	0.00
89 T	n-Butylbenzene	50.000	49.908	0.2	95	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
90 T	Hexachloroethane	50.000	49.385	1.2	98	0.00
91 T	1,2-Dichlorobenzene	50.000	50.368	-0.7	101	0.00
92 T	1,2-Dibromo-3-Chloropropane	50.000	47.129	5.7	98	0.00
93 T	1,2,4-Trichlorobenzene	50.000	50.502	-1.0	101	0.00
94 T	Hexachlorobutadiene	50.000	47.541	4.9	97	0.00
95 T	Naphthalene	50.000	52.430	-4.9	101	0.00
96 T	1,2,3-Trichlorobenzene	50.000	50.750	-1.5	100	0.00

(#) = Out of Range

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