

Data Path : Z:\voasrv\HPCHEM1\MSVOA D\Data\VD022020\
 Data File : VD065247.D
 Acq On : 20 Feb 2020 10:27
 Operator : VA/SY
 Sample : VSTDCCC050
 Misc : 5.00G/5.00ml/MSVOA D/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_D
 LabSampleId :
 VSTDCCC050

Quant Time: Feb 21 04:16:50 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D021820S.M
 Quant Title : SW846 8260
 QLast Update : Wed Feb 19 03:26:54 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	100	0.00
2 T	Dichlorodifluoromethane	50.000	55.242	-10.5	112	0.00
3 P	Chloromethane	50.000	50.401	-0.8	109	0.00
4 C	Vinyl Chloride	50.000	50.608	-1.2#	106	0.00
5 T	Bromomethane	50.000	47.307	5.4	107	0.00
6 T	Chloroethane	50.000	49.441	1.1	104	0.00
7 T	Trichlorofluoromethane	50.000	50.324	-0.6	107	0.00
8 T	Diethyl Ether	50.000	47.150	5.7	100	0.00
9 T	1,1,2-Trichlorotrifluoroeth	50.000	51.156	-2.3	110	0.00
10 T	Methyl Iodide	50.000	56.739	-13.5	106	0.00
11 T	Tert butyl alcohol	250.000	196.949	21.2#	86	-0.01
12 CM	1,1-Dichloroethene	50.000	50.669	-1.3#	106	0.00
13 T	Acrolein	250.000	272.485	-9.0	122	0.00
14 T	Allyl chloride	50.000	51.014	-2.0	106	0.00
15 T	Acrylonitrile	250.000	228.164	8.7	94	0.00
16 T	Acetone	250.000	262.604	-5.0	100	0.00
17 T	Carbon Disulfide	50.000	51.342	-2.7	109	0.00
18 T	Methyl Acetate	50.000	43.955	12.1	94	0.00
19 T	Methyl tert-butyl Ether	50.000	48.148	3.7	96	0.00
20 T	Methylene Chloride	50.000	53.015	-6.0	107	0.00
21 T	trans-1,2-Dichloroethene	50.000	51.461	-2.9	108	0.00
22 T	Diisopropyl ether	50.000	50.596	-1.2	101	0.00
23 T	Vinyl Acetate	250.000	248.234	0.7	95	0.00
24 P	1,1-Dichloroethane	50.000	49.245	1.5	105	0.00
25 T	2-Butanone	250.000	231.500	7.4	90	0.00
26 T	2,2-Dichloropropane	50.000	50.306	-0.6	109	0.00
27 T	cis-1,2-Dichloroethene	50.000	49.993	0.0	104	0.00
28 T	Bromochloromethane	50.000	51.871	-3.7	114	0.00
29 T	Tetrahydrofuran	250.000	226.738	9.3	89	0.00
30 C	Chloroform	50.000	49.488	1.0#	105	0.00
31 T	Cyclohexane	50.000	50.066	-0.1	108	0.00
32 T	1,1,1-Trichloroethane	50.000	50.486	-1.0	109	0.00
33 S	1,2-Dichloroethane-d4	50.000	45.941	8.1	93	0.00
34 I	1,4-Difluorobenzene	50.000	50.000	0.0	95	0.00
35 S	Dibromofluoromethane	50.000	50.072	-0.1	97	0.00
36 T	1,1-Dichloropropene	50.000	53.981	-8.0	109	0.00
37 T	Ethyl Acetate	50.000	45.929	8.1	93	0.00
38 T	Carbon Tetrachloride	50.000	52.972	-5.9	108	0.00
39 T	Methylcyclohexane	50.000	56.398	-12.8	109	0.00
40 TM	Benzene	50.000	53.312	-6.6	107	0.00
41 T	Methacrylonitrile	50.000	53.594	-7.2	111	0.00
42 TM	1,2-Dichloroethane	50.000	49.549	0.9	100	0.00
43 T	Isopropyl Acetate	50.000	46.744	6.5	90	0.00
44 TM	Trichloroethene	50.000	53.357	-6.7	108	0.00
45 C	1,2-Dichloropropane	50.000	51.897	-3.8#	104	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
46 T	Dibromomethane	50.000	50.845	-1.7	100	0.00
47 T	Bromodichloromethane	50.000	50.967	-1.9	103	0.00
48 T	Methyl methacrylate	50.000	54.311	-8.6	100	0.00
49 T	1,4-Dioxane	1000.000	940.629	5.9	91	0.00
50 S	Toluene-d8	50.000	52.271	-4.5	99	0.00
51 T	4-Methyl-2-Pentanone	250.000	238.811	4.5	90	0.00
52 CM	Toluene	50.000	55.051	-10.1#	106	0.00
53 T	t-1,3-Dichloropropene	50.000	51.401	-2.8	100	0.00
54 T	cis-1,3-Dichloropropene	50.000	52.470	-4.9	102	0.00
55 T	1,1,2-Trichloroethane	50.000	49.224	1.6	98	0.00
56 T	Ethyl methacrylate	50.000	50.598	-1.2	93	0.00
57 T	1,3-Dichloropropane	50.000	50.124	-0.2	99	0.00
58 T	2-Chloroethyl Vinyl ether	250.000	218.076	12.8	93	0.00
59 T	2-Hexanone	250.000	259.835	-3.9	92	0.00
60 T	Dibromochloromethane	50.000	49.681	0.6	99	0.00
61 T	1,2-Dibromoethane	50.000	50.414	-0.8	99	0.00
62 S	4-Bromofluorobenzene	50.000	50.682	-1.4	96	0.00
63 I	Chlorobenzene-d5	50.000	50.000	0.0	96	0.00
64 T	Tetrachloroethene	50.000	53.564	-7.1	109	0.00
65 PM	Chlorobenzene	50.000	52.083	-4.2	105	0.00
66 T	1,1,1,2-Tetrachloroethane	50.000	50.581	-1.2	103	0.00
67 C	Ethyl Benzene	50.000	53.816	-7.6#	106	0.00
68 T	m/p-Xylenes	100.000	109.275	-9.3	106	0.00
69 T	o-Xylene	50.000	55.381	-10.8	106	0.00
70 T	Styrene	50.000	54.624	-9.2	104	0.00
71 P	Bromoform	50.000	48.076	3.8	97	0.00
72 I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	97	0.00
73 T	Isopropylbenzene	50.000	56.167	-12.3	107	0.00
74 T	N-amyl acetate	50.000	47.858	4.3	88	0.00
75 P	1,1,2,2-Tetrachloroethane	50.000	47.632	4.7	95	0.00
76 T	1,2,3-Trichloropropane	50.000	47.309	5.4	100	0.00
77 T	Bromobenzene	50.000	52.312	-4.6	102	0.00
78 T	n-propylbenzene	50.000	55.540	-11.1	106	0.00
79 T	2-Chlorotoluene	50.000	54.137	-8.3	106	0.00
80 T	1,3,5-Trimethylbenzene	50.000	55.705	-11.4	107	0.00
81 T	trans-1,4-Dichloro-2-butene	50.000	47.574	4.9	92	0.00
82 T	4-Chlorotoluene	50.000	52.992	-6.0	104	0.00
83 T	tert-Butylbenzene	50.000	57.621	-15.2	110	0.00
84 T	1,2,4-Trimethylbenzene	50.000	55.171	-10.3	106	0.00
85 T	sec-Butylbenzene	50.000	55.474	-10.9	108	0.00
86 T	p-Isopropyltoluene	50.000	56.318	-12.6	107	0.00
87 T	1,3-Dichlorobenzene	50.000	51.941	-3.9	104	0.00
88 T	1,4-Dichlorobenzene	50.000	51.633	-3.3	104	0.00
89 T	n-Butylbenzene	50.000	56.374	-12.7	108	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
90 T	Hexachloroethane	50.000	52.457	-4.9	106	0.00
91 T	1,2-Dichlorobenzene	50.000	51.037	-2.1	102	0.00
92 T	1,2-Dibromo-3-Chloropropane	50.000	45.632	8.7	90	0.00
93 T	1,2,4-Trichlorobenzene	50.000	53.364	-6.7	102	0.00
94 T	Hexachlorobutadiene	50.000	54.303	-8.6	112	0.00
95 T	Naphthalene	50.000	51.568	-3.1	94	0.00
96 T	1,2,3-Trichlorobenzene	50.000	51.350	-2.7	100	0.00

(#) = Out of Range

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