

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD070219\
 Data File : VD063000.D
 Acq On : 2 Jul 2019 10:20
 Operator : VA/AP
 Sample : VSTDCCC050
 Misc : 5.00g/5ml/MSVOA D/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_D
 LabSampleId :
 VSTDCCC050

Quant Time: Jul 03 01:05:37 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D061919S.M
 Quant Title : SW846 8260
 QLast Update : Thu Jun 20 01:50:56 2019
 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	99	0.01
2 T	Dichlorodifluoromethane	50.000	46.754	6.5	93	0.00
3 P	Chloromethane	50.000	44.977	10.0	93	0.01
4 C	Vinyl Chloride	50.000	48.728	2.5#	94	0.01
5 T	Bromomethane	50.000	53.692	-7.4	92	0.00
6 T	Chloroethane	50.000	54.234	-8.5	100	0.01
7 T	Trichlorofluoromethane	50.000	55.312	-10.6	107	0.01
8 T	Diethyl Ether	50.000	54.334	-8.7	95	0.00
9 T	1,1,2-Trichlorotrifluoroeth	50.000	53.285	-6.6	106	0.00
10 T	Methyl Iodide	50.000	50.392	-0.8	94	0.00
11 T	Tert butyl alcohol	250.000	268.578	-7.4	112	0.01
12 CM	1,1-Dichloroethene	50.000	52.603	-5.2#	104	0.00
13 T	Acrolein	250.000	231.768	7.3	97	0.01
14 T	Allyl chloride	50.000	52.599	-5.2	99	0.00
15 T	Acrylonitrile	250.000	279.182	-11.7	108	0.00
16 T	Acetone	250.000	292.534	-17.0	114	0.00
17 T	Carbon Disulfide	50.000	45.990	8.0	89	0.00
18 T	Methyl Acetate	50.000	53.751	-7.5	109	0.01
19 T	Methyl tert-butyl Ether	50.000	55.437	-10.9	102	0.01
20 T	Methylene Chloride	50.000	53.150	-6.3	106	0.00
21 T	trans-1,2-Dichloroethene	50.000	54.471	-8.9	106	0.00
22 T	Diisopropyl ether	50.000	54.640	-9.3	106	0.01
23 T	Vinyl Acetate	250.000	281.998	-12.8	108	0.01
24 P	1,1-Dichloroethane	50.000	55.170	-10.3	105	0.00
25 T	2-Butanone	250.000	303.734	-21.5#	117	0.01
26 T	2,2-Dichloropropane	50.000	55.178	-10.4	104	0.01
27 T	cis-1,2-Dichloroethene	50.000	54.176	-8.4	105	0.00
28 T	Bromochloromethane	50.000	57.628	-15.3	114	0.00
29	Tetrahydrofuran	250.000	285.508	-14.2	113	0.00
30 C	Chloroform	50.000	55.496	-11.0#	106	0.00
31 T	Cyclohexane	50.000	52.183	-4.4	101	0.01
32 T	1,1,1-Trichloroethane	50.000	55.128	-10.3	103	0.01
33 S	1,2-Dichloroethane-d4	50.000	49.091	1.8	102	0.00
34 I	1,4-Difluorobenzene	50.000	50.000	0.0	106	0.01
35 S	Dibromofluoromethane	50.000	47.339	5.3	109	0.00
36 T	1,1-Dichloropropene	50.000	48.800	2.4	99	0.01
37 T	Ethyl Acetate	50.000	45.974	8.1	97	0.00
38 T	Carbon Tetrachloride	50.000	51.400	-2.8	106	0.00
39 T	Methylcyclohexane	50.000	48.738	2.5	100	0.00
40 TM	Benzene	50.000	50.586	-1.2	103	0.00
41 T	Methacrylonitrile	50.000	52.097	-4.2	109	0.02
42 TM	1,2-Dichloroethane	50.000	51.191	-2.4	103	0.01
43 T	Isopropyl Acetate	50.000	52.470	-4.9	104	0.00
44 TM	Trichloroethene	50.000	52.898	-5.8	107	0.00
45 C	1,2-Dichloropropane	50.000	50.887	-1.8#	107	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
46 T	Dibromomethane	50.000	52.181	-4.4	110	0.00
47 T	Bromodichloromethane	50.000	53.134	-6.3	104	0.00
48 T	Methyl methacrylate	50.000	49.272	1.5	107	0.00
49 T	1,4-Dioxane	1000.000	1040.520	-4.1	109	0.00
50 S	Toluene-d8	50.000	48.162	3.7	103	0.00
51 T	4-Methyl-2-Pentanone	250.000	273.614	-9.4	116	0.00
52 CM	Toluene	50.000	50.294	-0.6#	103	0.00
53 T	t-1,3-Dichloropropene	50.000	55.095	-10.2	114	0.00
54 T	cis-1,3-Dichloropropene	50.000	52.803	-5.6	108	0.00
55 T	1,1,2-Trichloroethane	50.000	53.206	-6.4	115	0.00
56 T	Ethyl methacrylate	50.000	51.928	-3.9	106	0.00
57 T	1,3-Dichloropropane	50.000	52.389	-4.8	108	0.01
58 T	2-Chloroethyl Vinyl ether	250.000	266.224	-6.5	114	0.00
59 T	2-Hexanone	250.000	280.670	-12.3	115	0.00
60 T	Dibromochloromethane	50.000	54.021	-8.0	112	0.00
61 T	1,2-Dibromoethane	50.000	55.144	-10.3	115	0.00
62 S	4-Bromofluorobenzene	50.000	48.333	3.3	108	0.00
63 I	Chlorobenzene-d5	50.000	50.000	0.0	100	0.00
64 T	Tetrachloroethene	50.000	48.774	2.5	100	0.00
65 PM	Chlorobenzene	50.000	54.184	-8.4	106	0.00
66 T	1,1,1,2-Tetrachloroethane	50.000	54.687	-9.4	109	0.00
67 C	Ethyl Benzene	50.000	52.917	-5.8#	109	0.00
68 T	m/p-Xylenes	100.000	108.183	-8.2	106	0.00
69 T	o-Xylene	50.000	53.418	-6.8	101	0.00
70 T	Styrene	50.000	53.198	-6.4	104	0.00
71 P	Bromoform	50.000	54.885	-9.8	108	0.00
72 I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	96	0.00
73 T	Isopropylbenzene	50.000	53.280	-6.6	104	0.00
74 T	N-amyl acetate	50.000	62.038	-24.1#	113	0.00
75 P	1,1,2,2-Tetrachloroethane	50.000	61.069	-22.1#	124	0.00
76 T	1,2,3-Trichloropropane	50.000	57.811	-15.6	111	0.00
77 T	Bromobenzene	50.000	55.967	-11.9	105	0.00
78 T	n-propylbenzene	50.000	54.079	-8.2	109	0.00
79 T	2-Chlorotoluene	50.000	56.748	-13.5	110	0.00
80 T	1,3,5-Trimethylbenzene	50.000	54.778	-9.6	108	0.00
81 T	trans-1,4-Dichloro-2-butene	50.000	62.730	-25.5#	122	0.00
82 T	4-Chlorotoluene	50.000	55.805	-11.6	111	0.00
83 T	tert-Butylbenzene	50.000	55.938	-11.9	108	0.00
84 T	1,2,4-Trimethylbenzene	50.000	55.199	-10.4	104	0.00
85 T	sec-Butylbenzene	50.000	56.105	-12.2	112	0.00
86 T	p-Isopropyltoluene	50.000	53.214	-6.4	99	0.00
87 T	1,3-Dichlorobenzene	50.000	58.628	-17.3	113	0.00
88 T	1,4-Dichlorobenzene	50.000	52.485	-5.0	101	0.00
89 T	n-Butylbenzene	50.000	54.255	-8.5	109	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
90 T	Hexachloroethane	50.000	58.842	-17.7	109	0.00
91 T	1,2-Dichlorobenzene	50.000	53.166	-6.3	104	0.00
92 T	1,2-Dibromo-3-Chloropropane	50.000	52.989	-6.0	99	0.00
93 T	1,2,4-Trichlorobenzene	50.000	50.941	-1.9	102	0.00
94 T	Hexachlorobutadiene	50.000	52.876	-5.8	103	0.00
95 T	Naphthalene	50.000	54.390	-8.8	102	0.00
96 T	1,2,3-Trichlorobenzene	50.000	55.459	-10.9	109	0.00

(#) = Out of Range

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