

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD071019\
 Data File : VD063056.D
 Acq On : 10 Jul 2019 14:07
 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 11 07:09:35 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	106	-0.01
2 T	Dichlorodifluoromethane	50.000	43.044	13.9	93	0.00
3 P	Chloromethane	50.000	43.631	12.7	97	0.00
4 C	Vinyl Chloride	50.000	48.871	2.3#	102	0.00
5 T	Bromomethane	50.000	43.750	12.5	81	0.00
6 T	Chloroethane	50.000	45.816	8.4	91	0.00
7 T	Trichlorofluoromethane	50.000	49.342	1.3	103	0.00
8 T	Diethyl Ether	50.000	50.010	-0.0	94	0.00
9 T	1,1,2-Trichlorotrifluoroeth	50.000	57.040	-14.1	123	0.00
10 T	Methyl Iodide	50.000	53.374	-6.7	107	-0.01
11 T	Tert butyl alcohol	250.000	271.031	-8.4	122	-0.01
12 CM	1,1-Dichloroethene	50.000	50.885	-1.8#	109	-0.01
13 T	Acrolein	250.000	194.505	22.2#	88	0.00
14 T	Allyl chloride	50.000	54.625	-9.3	111	-0.01
15 T	Acrylonitrile	250.000	298.355	-19.3	124	-0.01
16 T	Acetone	250.000	300.991	-20.4#	127	-0.01
17 T	Carbon Disulfide	50.000	45.604	8.8	95	-0.01
18 T	Methyl Acetate	50.000	54.407	-8.8	119	0.00
19 T	Methyl tert-butyl Ether	50.000	57.047	-14.1	113	-0.01
20 T	Methylene Chloride	50.000	50.148	-0.3	108	-0.01
21 T	trans-1,2-Dichloroethene	50.000	54.162	-8.3	113	-0.01
22 T	Diisopropyl ether	50.000	59.060	-18.1	124	-0.01
23 T	Vinyl Acetate	250.000	288.070	-15.2	119	-0.01
24 P	1,1-Dichloroethane	50.000	55.595	-11.2	115	-0.02
25 T	2-Butanone	250.000	299.104	-19.6	124	-0.01
26 T	2,2-Dichloropropane	50.000	55.520	-11.0	113	0.00
27 T	cis-1,2-Dichloroethene	50.000	56.909	-13.8	119	-0.01
28 T	Bromochloromethane	50.000	54.422	-8.8	116	-0.02
29	Tetrahydrofuran	250.000	272.767	-9.1	116	-0.01
30 C	Chloroform	50.000	55.099	-10.2#	114	-0.02
31 T	Cyclohexane	50.000	53.609	-7.2	112	-0.01
32 T	1,1,1-Trichloroethane	50.000	53.470	-6.9	108	-0.01
33 S	1,2-Dichloroethane-d4	50.000	45.729	8.5	102	-0.01
34 I	1,4-Difluorobenzene	50.000	50.000	0.0	109	-0.01
35 S	Dibromofluoromethane	50.000	46.920	6.2	112	-0.01
36 T	1,1-Dichloropropene	50.000	51.098	-2.2	107	-0.01
37 T	Ethyl Acetate	50.000	52.661	-5.3	115	-0.01
38 T	Carbon Tetrachloride	50.000	50.002	-0.0	107	-0.01
39 T	Methylcyclohexane	50.000	52.172	-4.3	110	-0.01
40 TM	Benzene	50.000	55.057	-10.1	116	-0.01
41 T	Methacrylonitrile	50.000	51.410	-2.8	111	0.00
42 TM	1,2-Dichloroethane	50.000	50.962	-1.9	106	-0.01
43 T	Isopropyl Acetate	50.000	57.627	-15.3	118	0.00
44 TM	Trichloroethene	50.000	54.177	-8.4	114	-0.01
45 C	1,2-Dichloropropane	50.000	55.796	-11.6#	121	-0.01

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 Max. RRF Dev : 20% Max. Rel. Area : 150%

	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
46 T	Dibromomethane	50.000	52.525	-5.0	114	-0.01
47 T	Bromodichloromethane	50.000	53.250	-6.5	107	-0.01
48 T	Methyl methacrylate	50.000	54.649	-9.3	122	-0.01
49 T	1,4-Dioxane	1000.000	1153.624	-15.4	125	-0.02
50 S	Toluene-d8	50.000	48.148	3.7	107	-0.01
51 T	4-Methyl-2-Pentanone	250.000	283.873	-13.5	125	-0.01
52 CM	Toluene	50.000	56.831	-13.7#	120	-0.01
53 T	t-1,3-Dichloropropene	50.000	54.112	-8.2	116	-0.01
54 T	cis-1,3-Dichloropropene	50.000	55.633	-11.3	117	0.00
55 T	1,1,2-Trichloroethane	50.000	55.911	-11.8	125	0.00
56 T	Ethyl methacrylate	50.000	55.585	-11.2	117	0.00
57 T	1,3-Dichloropropane	50.000	55.406	-10.8	118	0.00
58 T	2-Chloroethyl Vinyl ether	250.000	278.652	-11.5	123	-0.01
59 T	2-Hexanone	250.000	286.205	-14.5	121	-0.01
60 T	Dibromochloromethane	50.000	55.684	-11.4	119	-0.01
61 T	1,2-Dibromoethane	50.000	55.173	-10.3	118	-0.01
62 S	4-Bromofluorobenzene	50.000	47.222	5.6	109	0.00
63 I	Chlorobenzene-d5	50.000	50.000	0.0	105	-0.01
64 T	Tetrachloroethene	50.000	51.106	-2.2	111	-0.01
65 PM	Chlorobenzene	50.000	53.365	-6.7	110	-0.01
66 T	1,1,1,2-Tetrachloroethane	50.000	53.630	-7.3	112	0.00
67 C	Ethyl Benzene	50.000	52.468	-4.9#	114	-0.01
68 T	m/p-Xylenes	100.000	104.703	-4.7	108	0.00
69 T	o-Xylene	50.000	53.403	-6.8	107	0.00
70 T	Styrene	50.000	53.421	-6.8	110	0.00
71 P	Bromoform	50.000	52.888	-5.8	110	-0.01
72 I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	99	0.00
73 T	Isopropylbenzene	50.000	57.349	-14.7	115	0.00
74 T	N-amyl acetate	50.000	62.097	-24.2#	116	0.00
75 P	1,1,2,2-Tetrachloroethane	50.000	60.836	-21.7#	127	0.00
76 T	1,2,3-Trichloropropane	50.000	56.394	-12.8	112	0.00
77 T	Bromobenzene	50.000	57.443	-14.9	110	0.00
78 T	n-propylbenzene	50.000	56.215	-12.4	117	-0.01
79 T	2-Chlorotoluene	50.000	55.287	-10.6	111	0.00
80 T	1,3,5-Trimethylbenzene	50.000	58.049	-16.1	118	0.00
81 T	trans-1,4-Dichloro-2-butene	50.000	53.687	-7.4	107	0.00
82 T	4-Chlorotoluene	50.000	58.896	-17.8	121	0.00
83 T	tert-Butylbenzene	50.000	56.330	-12.7	111	-0.01
84 T	1,2,4-Trimethylbenzene	50.000	56.201	-12.4	109	-0.01
85 T	sec-Butylbenzene	50.000	57.548	-15.1	118	0.00
86 T	p-Isopropyltoluene	50.000	54.037	-8.1	103	0.00
87 T	1,3-Dichlorobenzene	50.000	55.640	-11.3	110	0.00
88 T	1,4-Dichlorobenzene	50.000	54.685	-9.4	108	0.00
89 T	n-Butylbenzene	50.000	54.403	-8.8	112	0.00

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90 T	Hexachloroethane	50.000	57.994	-16.0	110	0.00
91 T	1,2-Dichlorobenzene	50.000	54.262	-8.5	109	-0.01
92 T	1,2-Dibromo-3-Chloropropane	50.000	58.370	-16.7	112	0.00
93 T	1,2,4-Trichlorobenzene	50.000	57.030	-14.1	118	0.00
94 T	Hexachlorobutadiene	50.000	54.022	-8.0	108	0.00
95 T	Naphthalene	50.000	59.559	-19.1	115	0.00
96 T	1,2,3-Trichlorobenzene	50.000	53.938	-7.9	109	0.00

(#) = Out of Range

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