

Data Path : Z:\voasrv\HPCHEM1\MSVOA D\Data\VD081318\
 Data File : VD059740.D
 Acq On : 13 Aug 2018 17:23
 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: Aug 13 17:43:07 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D081018S.M
 Quant Title : SW846 8260
 QLast Update : Sat Aug 11 05:42:24 2018
 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	129	0.01
2 T	Dichlorodifluoromethane	50.000	50.433	-0.9	124	0.01
3 P	Chloromethane	50.000	58.246	-16.5	136	0.01
4 C	Vinyl Chloride	50.000	57.234	-14.5#	138	0.00
5 T	Bromomethane	50.000	62.080	-24.2#	143	0.00
6 T	Chloroethane	50.000	58.136	-16.3	123	0.00
7 T	Trichlorofluoromethane	50.000	51.041	-2.1	125	0.00
8 T	Diethyl Ether	50.000	54.713	-9.4	123	0.00
9 T	1,1,2-Trichlorotrifluoroeth	50.000	53.373	-6.7	134	0.01
10 T	Methyl Iodide	50.000	45.530	8.9	115	0.02
11 T	Tert butyl alcohol	250.000	292.758	-17.1	142	0.00
12 CM	1,1-Dichloroethene	50.000	54.318	-8.6#	135	0.01
13 T	Acrolein	250.000	248.734	0.5	128	0.00
14 T	Allyl chloride	50.000	53.436	-6.9	129	0.01
15 T	Acrylonitrile	250.000	269.575	-7.8	122	0.00
16 T	Acetone	250.000	308.788	-23.5#	130	0.00
17 T	Carbon Disulfide	50.000	55.229	-10.5	128	0.00
18 T	Methyl Acetate	50.000	48.277	3.4	116	0.00
19 T	Methyl tert-butyl Ether	50.000	53.659	-7.3	128	0.00
20 T	Methylene Chloride	50.000	46.420	7.2	127	0.01
21 T	trans-1,2-Dichloroethene	50.000	61.350	-22.7#	150	0.01
22 T	Diisopropyl ether	50.000	57.239	-14.5	139	0.01
23 T	Vinyl Acetate	250.000	271.304	-8.5	129	0.00
24 P	1,1-Dichloroethane	50.000	52.695	-5.4	134	0.01
25 T	2-Butanone	250.000	304.847	-21.9#	136	0.00
26 T	2,2-Dichloropropane	50.000	53.086	-6.2	135	0.01
27 T	cis-1,2-Dichloroethene	50.000	53.990	-8.0	139	0.00
28 T	Bromochloromethane	50.000	56.528	-13.1	134	0.00
29	Tetrahydrofuran	250.000	291.188	-16.5	133	0.01
30 C	Chloroform	50.000	51.749	-3.5#	129	0.00
31 T	Cyclohexane	50.000	57.265	-14.5	151	0.01
32 T	1,1,1-Trichloroethane	50.000	51.583	-3.2	127	0.00
33 S	1,2-Dichloroethane-d4	50.000	48.281	3.4	117	0.01
34 I	1,4-Difluorobenzene	50.000	50.000	0.0	134	0.00
35 S	Dibromofluoromethane	50.000	50.834	-1.7	129	0.00
36 T	1,1-Dichloropropene	50.000	52.117	-4.2	132	0.00
37 T	Ethyl Acetate	50.000	52.518	-5.0	121	0.00
38 T	Carbon Tetrachloride	50.000	48.238	3.5	121	0.00
39 T	Methylcyclohexane	50.000	53.987	-8.0	135	0.00
40 TM	Benzene	50.000	53.062	-6.1	134	0.01
41 T	Methacrylonitrile	50.000	52.663	-5.3	132	0.00
42 TM	1,2-Dichloroethane	50.000	48.961	2.1	117	0.00
43 T	Isopropyl Acetate	50.000	53.653	-7.3	126	0.00
44 TM	Trichloroethene	50.000	50.401	-0.8	124	0.01
45 C	1,2-Dichloropropane	50.000	50.938	-1.9#	129	0.00

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

	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
46 T	Dibromomethane	50.000	49.918	0.2	120	0.01
47 T	Bromodichloromethane	50.000	48.804	2.4	119	0.00
48 T	Methyl methacrylate	50.000	56.710	-13.4	132	0.00
49 T	1,4-Dioxane	1000.000	1220.672	-22.1#	125	0.00
50 S	Toluene-d8	50.000	51.801	-3.6	134	0.00
51 T	4-Methyl-2-Pentanone	250.000	292.818	-17.1	129	0.00
52 CM	Toluene	50.000	51.821	-3.6#	135	0.00
53 T	t-1,3-Dichloropropene	50.000	49.754	0.5	122	0.00
54 T	cis-1,3-Dichloropropene	50.000	51.733	-3.5	134	0.00
55 T	1,1,2-Trichloroethane	50.000	50.856	-1.7	131	0.00
56 T	Ethyl methacrylate	50.000	50.478	-1.0	128	0.00
57 T	1,3-Dichloropropane	50.000	51.834	-3.7	129	0.00
58 T	2-Chloroethyl Vinyl ether	250.000	262.872	-5.1	130	0.00
59 T	2-Hexanone	250.000	297.182	-18.9	127	0.00
60 T	Dibromochloromethane	50.000	49.667	0.7	121	0.00
61 T	1,2-Dibromoethane	50.000	52.350	-4.7	127	0.00
62 S	4-Bromofluorobenzene	50.000	48.646	2.7	121	0.00
63 I	Chlorobenzene-d5	50.000	50.000	0.0	131	0.00
64 T	Tetrachloroethene	50.000	49.320	1.4	125	0.00
65 PM	Chlorobenzene	50.000	51.685	-3.4	132	0.00
66 T	1,1,1,2-Tetrachloroethane	50.000	49.033	1.9	120	0.00
67 C	Ethyl Benzene	50.000	51.042	-2.1#	131	0.00
68 T	m/p-Xylenes	100.000	102.597	-2.6	141	0.00
69 T	o-Xylene	50.000	48.097	3.8	127	0.00
70 T	Styrene	50.000	50.718	-1.4	131	0.00
71 P	Bromoform	50.000	52.194	-4.4	119	0.00
72 I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	124	0.00
73 T	Isopropylbenzene	50.000	50.494	-1.0	125	0.00
74 T	N-amyl acetate	50.000	56.389	-12.8	127	0.00
75 P	1,1,2,2-Tetrachloroethane	50.000	52.813	-5.6	126	0.00
76 T	1,2,3-Trichloropropane	50.000	52.616	-5.2	117	0.00
77 T	Bromobenzene	50.000	50.892	-1.8	124	0.00
78 T	n-propylbenzene	50.000	51.664	-3.3	129	0.00
79 T	2-Chlorotoluene	50.000	49.849	0.3	126	0.00
80 T	1,3,5-Trimethylbenzene	50.000	51.670	-3.3	130	0.00
81 T	trans-1,4-Dichloro-2-butene	50.000	57.026	-14.1	135	0.00
82 T	4-Chlorotoluene	50.000	50.380	-0.8	125	0.00
83 T	tert-Butylbenzene	50.000	50.612	-1.2	130	0.00
84 T	1,2,4-Trimethylbenzene	50.000	49.408	1.2	120	0.00
85 T	sec-Butylbenzene	50.000	52.697	-5.4	131	0.00
86 T	p-Isopropyltoluene	50.000	49.625	0.8	127	0.00
87 T	1,3-Dichlorobenzene	50.000	49.588	0.8	122	0.00
88 T	1,4-Dichlorobenzene	50.000	49.973	0.1	126	0.00
89 T	n-Butylbenzene	50.000	50.934	-1.9	134	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
90 T	Hexachloroethane	50.000	54.407	-8.8	127	0.00
91 T	1,2-Dichlorobenzene	50.000	48.947	2.1	129	0.00
92 T	1,2-Dibromo-3-Chloropropane	50.000	51.851	-3.7	114	0.00
93 T	1,2,4-Trichlorobenzene	50.000	46.666	6.7	112	0.00
94 T	Hexachlorobutadiene	50.000	46.402	7.2	113	0.00
95 T	Naphthalene	50.000	50.361	-0.7	121	0.00
96 T	1,2,3-Trichlorobenzene	50.000	48.446	3.1	118	0.00

(#) = Out of Range

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