

Data Path : Z:\voasrv\HPCHEM1\MSVOA D\Data\VD091018\
 Data File : VD059985.D
 Acq On : 10 Sep 2018 11:09
 Operator : JC/SY
 Sample : VSTDCCC050
 Misc : 5.00g/5ml/MSVOA D/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_D
 LabSampleId :
 VSTDCCC050

Quant Time: Sep 10 14:25:25 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D082218S.M
 Quant Title : SW846 8260
 QLast Update : Thu Aug 23 03:03:08 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	121	-0.01
2 T	Dichlorodifluoromethane	50.000	44.427	11.1	112	0.00
3 P	Chloromethane	50.000	48.480	3.0	127	0.00
4 C	Vinyl Chloride	50.000	55.693	-11.4#	137	0.00
5 T	Bromomethane	50.000	52.766	-5.5	148	0.00
6 T	Chloroethane	50.000	57.310	-14.6	136	0.00
7 T	Trichlorofluoromethane	50.000	59.745	-19.5	145	0.00
8 T	Diethyl Ether	50.000	56.327	-12.7	135	0.00
9 T	1,1,2-Trichlorotrifluoroeth	50.000	65.589	-31.2#	165	0.00
10 T	Methyl Iodide	50.000	61.256	-22.5#	143	0.00
11 T	Tert butyl alcohol	250.000	207.959	16.8	93	-0.01
12 CM	1,1-Dichloroethene	50.000	63.722	-27.4#	158	0.00
13 T	Acrolein	250.000	197.883	20.8#	86	0.00
14 T	Allyl chloride	50.000	58.523	-17.0	139	0.00
15 T	Acrylonitrile	250.000	236.424	5.4	108	-0.01
16 T	Acetone	250.000	299.946	-20.0	135	0.00
17 T	Carbon Disulfide	50.000	52.967	-5.9	126	0.00
18 T	Methyl Acetate	50.000	53.557	-7.1	126	-0.01
19 T	Methyl tert-butyl Ether	50.000	48.675	2.7	112	0.00
20 T	Methylene Chloride	50.000	54.802	-9.6	131	0.00
21 T	trans-1,2-Dichloroethene	50.000	52.835	-5.7	127	-0.01
22 T	Diisopropyl ether	50.000	52.683	-5.4	124	-0.01
23 T	Vinyl Acetate	250.000	240.705	3.7	110	-0.01
24 P	1,1-Dichloroethane	50.000	55.239	-10.5	132	-0.01
25 T	2-Butanone	250.000	242.791	2.9	105	-0.01
26 T	2,2-Dichloropropane	50.000	54.495	-9.0	138	-0.01
27 T	cis-1,2-Dichloroethene	50.000	56.659	-13.3	134	-0.01
28 T	Bromochloromethane	50.000	50.453	-0.9	117	-0.01
29	Tetrahydrofuran	250.000	227.276	9.1	104	-0.01
30 C	Chloroform	50.000	55.654	-11.3#	133	-0.01
31 T	Cyclohexane	50.000	48.611	2.8	123	-0.01
32 T	1,1,1-Trichloroethane	50.000	53.846	-7.7	130	-0.01
33 S	1,2-Dichloroethane-d4	50.000	44.621	10.8	105	-0.02
34 I	1,4-Difluorobenzene	50.000	50.000	0.0	119	-0.01
35 S	Dibromofluoromethane	50.000	50.949	-1.9	118	-0.01
36 T	1,1-Dichloropropene	50.000	55.150	-10.3	130	-0.01
37 T	Ethyl Acetate	50.000	45.475	9.0	107	-0.01
38 T	Carbon Tetrachloride	50.000	53.799	-7.6	130	-0.01
39 T	Methylcyclohexane	50.000	53.090	-6.2	122	-0.01
40 TM	Benzene	50.000	54.302	-8.6	128	-0.01
41 T	Methacrylonitrile	50.000	63.948	-27.9#	140	0.00
42 TM	1,2-Dichloroethane	50.000	50.928	-1.9	116	-0.01
43 T	Isopropyl Acetate	50.000	46.264	7.5	102	-0.01
44 TM	Trichloroethene	50.000	57.274	-14.5	133	-0.01
45 C	1,2-Dichloropropane	50.000	54.154	-8.3#	124	-0.01

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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	50.736	-1.5	115	-0.01
47 T	Bromodichloromethane	50.000	54.222	-8.4	126	-0.01
48 T	Methyl methacrylate	50.000	46.086	7.8	106	-0.01
49 T	1,4-Dioxane	1000.000	937.036	6.3	105	-0.01
50 S	Toluene-d8	50.000	51.007	-2.0	116	-0.01
51 T	4-Methyl-2-Pentanone	250.000	239.085	4.4	102	-0.01
52 CM	Toluene	50.000	54.808	-9.6#	128	-0.01
53 T	t-1,3-Dichloropropene	50.000	51.585	-3.2	118	-0.01
54 T	cis-1,3-Dichloropropene	50.000	53.109	-6.2	124	-0.01
55 T	1,1,2-Trichloroethane	50.000	50.816	-1.6	123	-0.01
56 T	Ethyl methacrylate	50.000	48.151	3.7	108	-0.01
57 T	1,3-Dichloropropane	50.000	51.937	-3.9	117	-0.01
58 T	2-Chloroethyl Vinyl ether	250.000	250.617	-0.2	120	-0.01
59 T	2-Hexanone	250.000	246.288	1.5	105	-0.01
60 T	Dibromochloromethane	50.000	51.924	-3.8	118	0.00
61 T	1,2-Dibromoethane	50.000	50.496	-1.0	114	-0.01
62 S	4-Bromofluorobenzene	50.000	47.510	5.0	110	-0.01
63 I	Chlorobenzene-d5	50.000	50.000	0.0	112	-0.01
64 T	Tetrachloroethene	50.000	58.517	-17.0	130	-0.01
65 PM	Chlorobenzene	50.000	58.515	-17.0	128	-0.01
66 T	1,1,1,2-Tetrachloroethane	50.000	57.084	-14.2	124	0.00
67 C	Ethyl Benzene	50.000	58.597	-17.2#	129	0.00
68 T	m/p-Xylenes	100.000	117.012	-17.0	131	0.00
69 T	o-Xylene	50.000	60.045	-20.1#	133	-0.01
70 T	Styrene	50.000	58.373	-16.7	129	-0.01
71 P	Bromoform	50.000	50.606	-1.2	108	0.00
72 I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	117	-0.01
73 T	Isopropylbenzene	50.000	55.528	-11.1	131	0.00
74 T	N-amyl acetate	50.000	44.982	10.0	103	0.00
75 P	1,1,2,2-Tetrachloroethane	50.000	48.490	3.0	114	-0.01
76 T	1,2,3-Trichloropropane	50.000	49.171	1.7	111	0.00
77 T	Bromobenzene	50.000	55.529	-11.1	127	0.00
78 T	n-propylbenzene	50.000	56.656	-13.3	132	0.00
79 T	2-Chlorotoluene	50.000	54.062	-8.1	126	0.00
80 T	1,3,5-Trimethylbenzene	50.000	55.246	-10.5	130	0.00
81 T	trans-1,4-Dichloro-2-butene	50.000	46.459	7.1	105	0.00
82 T	4-Chlorotoluene	50.000	54.088	-8.2	127	-0.01
83 T	tert-Butylbenzene	50.000	56.285	-12.6	129	-0.01
84 T	1,2,4-Trimethylbenzene	50.000	51.685	-3.4	121	0.00
85 T	sec-Butylbenzene	50.000	55.113	-10.2	126	0.00
86 T	p-Isopropyltoluene	50.000	56.345	-12.7	131	-0.01
87 T	1,3-Dichlorobenzene	50.000	56.205	-12.4	131	-0.01
88 T	1,4-Dichlorobenzene	50.000	56.331	-12.7	132	-0.01
89 T	n-Butylbenzene	50.000	61.814	-23.6#	135	-0.01

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

	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
90 T	Hexachloroethane	50.000	54.253	-8.5	125	0.00
91 T	1,2-Dichlorobenzene	50.000	54.930	-9.9	126	0.00
92 T	1,2-Dibromo-3-Chloropropane	50.000	44.822	10.4	101	-0.01
93 T	1,2,4-Trichlorobenzene	50.000	54.644	-9.3	123	-0.01
94 T	Hexachlorobutadiene	50.000	58.272	-16.5	133	0.00
95 T	Naphthalene	50.000	50.945	-1.9	114	-0.01
96 T	1,2,3-Trichlorobenzene	50.000	53.968	-7.9	121	-0.01

(#) = Out of Range

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