

Data Path : Z:\voasrv\HPCHEM1\MSVOA D\Data\VD083018\
 Data File : VD059921.D
 Acq On : 30 Aug 2018 11:48
 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: Aug 30 18:08:19 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	105	-0.03
2 T	Dichlorodifluoromethane	50.000	46.946	6.1	102	0.00
3 P	Chloromethane	50.000	45.381	9.2	103	0.00
4 C	Vinyl Chloride	50.000	49.232	1.5#	105	0.00
5 T	Bromomethane	50.000	43.667	12.7	106	0.00
6 T	Chloroethane	50.000	47.377	5.2	103	0.00
7 T	Trichlorofluoromethane	50.000	51.368	-2.7	108	-0.02
8 T	Diethyl Ether	50.000	51.877	-3.8	107	-0.02
9 T	1,1,2-Trichlorotrifluoroeth	50.000	52.779	-5.6	115	-0.02
10 T	Methyl Iodide	50.000	49.145	1.7	98	-0.02
11 T	Tert butyl alcohol	250.000	267.673	-7.1	103	-0.02
12 CM	1,1-Dichloroethene	50.000	51.906	-3.8#	111	-0.02
13 T	Acrolein	250.000	214.307	14.3	81	-0.02
14 T	Allyl chloride	50.000	52.916	-5.8	108	-0.02
15 T	Acrylonitrile	250.000	266.418	-6.6	105	-0.03
16 T	Acetone	250.000	299.585	-19.8	117	-0.02
17 T	Carbon Disulfide	50.000	49.832	0.3	103	-0.02
18 T	Methyl Acetate	50.000	54.380	-8.8	111	-0.03
19 T	Methyl tert-butyl Ether	50.000	50.824	-1.6	101	-0.02
20 T	Methylene Chloride	50.000	59.665	-19.3	123	-0.02
21 T	trans-1,2-Dichloroethene	50.000	51.035	-2.1	106	-0.03
22 T	Diisopropyl ether	50.000	51.453	-2.9	104	-0.02
23 T	Vinyl Acetate	250.000	264.433	-5.8	105	-0.03
24 P	1,1-Dichloroethane	50.000	51.259	-2.5	105	-0.03
25 T	2-Butanone	250.000	283.496	-13.4	106	-0.02
26 T	2,2-Dichloropropane	50.000	50.511	-1.0	110	-0.03
27 T	cis-1,2-Dichloroethene	50.000	52.439	-4.9	107	-0.02
28 T	Bromochloromethane	50.000	50.987	-2.0	102	-0.03
29	Tetrahydrofuran	250.000	260.861	-4.3	103	-0.03
30 C	Chloroform	50.000	50.457	-0.9#	105	-0.03
31 T	Cyclohexane	50.000	47.566	4.9	104	-0.03
32 T	1,1,1-Trichloroethane	50.000	50.259	-0.5	105	-0.02
33 S	1,2-Dichloroethane-d4	50.000	51.182	-2.4	104	-0.03
34 I	1,4-Difluorobenzene	50.000	50.000	0.0	103	-0.02
35 S	Dibromofluoromethane	50.000	51.408	-2.8	103	-0.03
36 T	1,1-Dichloropropene	50.000	52.287	-4.6	107	-0.03
37 T	Ethyl Acetate	50.000	54.110	-8.2	110	-0.02
38 T	Carbon Tetrachloride	50.000	52.254	-4.5	110	-0.02
39 T	Methylcyclohexane	50.000	53.258	-6.5	106	-0.03
40 TM	Benzene	50.000	53.259	-6.5	108	-0.03
41 T	Methacrylonitrile	50.000	49.897	0.2	94	-0.03
42 TM	1,2-Dichloroethane	50.000	52.732	-5.5	104	-0.03
43 T	Isopropyl Acetate	50.000	53.481	-7.0	102	-0.03
44 TM	Trichloroethene	50.000	53.384	-6.8	108	-0.03
45 C	1,2-Dichloropropane	50.000	53.472	-6.9#	106	-0.03

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

	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
46 T	Dibromomethane	50.000	52.944	-5.9	104	-0.02
47 T	Bromodichloromethane	50.000	52.375	-4.8	105	-0.02
48 T	Methyl methacrylate	50.000	52.333	-4.7	104	-0.02
49 T	1,4-Dioxane	1000.000	1110.088	-11.0	107	-0.03
50 S	Toluene-d8	50.000	53.551	-7.1	106	-0.02
51 T	4-Methyl-2-Pentanone	250.000	284.208	-13.7	104	-0.02
52 CM	Toluene	50.000	53.225	-6.5#	108	-0.03
53 T	t-1,3-Dichloropropene	50.000	53.887	-7.8	107	-0.02
54 T	cis-1,3-Dichloropropene	50.000	54.047	-8.1	109	-0.02
55 T	1,1,2-Trichloroethane	50.000	50.903	-1.8	107	-0.02
56 T	Ethyl methacrylate	50.000	54.028	-8.1	105	-0.02
57 T	1,3-Dichloropropane	50.000	54.578	-9.2	107	-0.02
58 T	2-Chloroethyl Vinyl ether	250.000	281.073	-12.4	117	-0.02
59 T	2-Hexanone	250.000	283.320	-13.3	104	-0.02
60 T	Dibromochloromethane	50.000	53.901	-7.8	106	0.00
61 T	1,2-Dibromoethane	50.000	54.451	-8.9	107	-0.02
62 S	4-Bromofluorobenzene	50.000	52.154	-4.3	105	-0.02
63 I	Chlorobenzene-d5	50.000	50.000	0.0	102	-0.02
64 T	Tetrachloroethene	50.000	53.506	-7.0	108	-0.02
65 PM	Chlorobenzene	50.000	53.015	-6.0	105	-0.02
66 T	1,1,1,2-Tetrachloroethane	50.000	52.314	-4.6	104	0.00
67 C	Ethyl Benzene	50.000	52.011	-4.0#	104	0.00
68 T	m/p-Xylenes	100.000	106.423	-6.4	108	0.00
69 T	o-Xylene	50.000	53.887	-7.8	109	-0.02
70 T	Styrene	50.000	53.751	-7.5	108	0.00
71 P	Bromoform	50.000	53.941	-7.9	105	0.00
72 I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	103	0.00
73 T	Isopropylbenzene	50.000	53.136	-6.3	109	0.00
74 T	N-amyl acetate	50.000	51.328	-2.7	103	0.00
75 P	1,1,2,2-Tetrachloroethane	50.000	55.691	-11.4	114	-0.02
76 T	1,2,3-Trichloropropane	50.000	54.680	-9.4	108	0.00
77 T	Bromobenzene	50.000	55.915	-11.8	112	0.00
78 T	n-propylbenzene	50.000	52.730	-5.5	108	0.00
79 T	2-Chlorotoluene	50.000	51.993	-4.0	106	0.00
80 T	1,3,5-Trimethylbenzene	50.000	50.656	-1.3	104	0.00
81 T	trans-1,4-Dichloro-2-butene	50.000	51.621	-3.2	102	0.00
82 T	4-Chlorotoluene	50.000	50.763	-1.5	105	-0.02
83 T	tert-Butylbenzene	50.000	53.809	-7.6	108	0.00
84 T	1,2,4-Trimethylbenzene	50.000	53.340	-6.7	109	0.00
85 T	sec-Butylbenzene	50.000	53.208	-6.4	106	0.00
86 T	p-Isopropyltoluene	50.000	53.448	-6.9	109	0.00
87 T	1,3-Dichlorobenzene	50.000	53.525	-7.0	109	-0.02
88 T	1,4-Dichlorobenzene	50.000	53.848	-7.7	110	0.00
89 T	n-Butylbenzene	50.000	56.853	-13.7	111	-0.02

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90 T	Hexachloroethane	50.000	51.765	-3.5	105	0.00
91 T	1,2-Dichlorobenzene	50.000	54.224	-8.4	108	0.00
92 T	1,2-Dibromo-3-Chloropropane	50.000	52.962	-5.9	104	-0.02
93 T	1,2,4-Trichlorobenzene	50.000	54.505	-9.0	107	0.00
94 T	Hexachlorobutadiene	50.000	54.774	-9.5	110	0.00
95 T	Naphthalene	50.000	54.142	-8.3	106	0.00
96 T	1,2,3-Trichlorobenzene	50.000	53.755	-7.5	105	0.00

(#) = Out of Range

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