

Data Path : Z:\voasrv\HPCHEM1\MSVOA D\Data\VD090618\
 Data File : VD059979.D
 Acq On : 6 Sep 2018 11:40
 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 07 04:21:12 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	108	-0.04
2 T	Dichlorodifluoromethane	50.000	38.176	23.6#	85	-0.02
3 P	Chloromethane	50.000	38.679	22.6#	90	0.00
4 C	Vinyl Chloride	50.000	41.516	17.0#	91	-0.02
5 T	Bromomethane	50.000	36.350	27.3#	91	-0.02
6 T	Chloroethane	50.000	39.742	20.5#	93	-0.03
7 T	Trichlorofluoromethane	50.000	45.073	9.9	97	-0.03
8 T	Diethyl Ether	50.000	48.421	3.2	103	-0.03
9 T	1,1,2-Trichlorotrifluoroeth	50.000	48.722	2.6	109	-0.03
10 T	Methyl Iodide	50.000	45.589	8.8	93	-0.04
11 T	Tert butyl alcohol	250.000	275.431	-10.2	109	-0.03
12 CM	1,1-Dichloroethene	50.000	47.451	5.1#	104	-0.03
13 T	Acrolein	250.000	238.008	4.8	92	-0.03
14 T	Allyl chloride	50.000	50.243	-0.5	106	-0.03
15 T	Acrylonitrile	250.000	264.386	-5.8	108	-0.04
16 T	Acetone	250.000	295.924	-18.4	119	-0.03
17 T	Carbon Disulfide	50.000	42.317	15.4	90	-0.04
18 T	Methyl Acetate	50.000	56.793	-13.6	119	-0.04
19 T	Methyl tert-butyl Ether	50.000	51.487	-3.0	105	-0.03
20 T	Methylene Chloride	50.000	55.066	-10.1	117	-0.04
21 T	trans-1,2-Dichloroethene	50.000	49.026	1.9	104	-0.04
22 T	Diisopropyl ether	50.000	49.494	1.0	103	-0.04
23 T	Vinyl Acetate	250.000	246.863	1.3	101	-0.04
24 P	1,1-Dichloroethane	50.000	49.441	1.1	105	-0.04
25 T	2-Butanone	250.000	267.239	-6.9	103	-0.03
26 T	2,2-Dichloropropane	50.000	47.096	5.8	106	-0.04
27 T	cis-1,2-Dichloroethene	50.000	51.695	-3.4	109	-0.03
28 T	Bromochloromethane	50.000	47.906	4.2	99	-0.04
29	Tetrahydrofuran	250.000	259.376	-3.8	105	-0.04
30 C	Chloroform	50.000	49.443	1.1#	105	-0.04
31 T	Cyclohexane	50.000	42.834	14.3	97	-0.04
32 T	1,1,1-Trichloroethane	50.000	46.858	6.3	100	-0.03
33 S	1,2-Dichloroethane-d4	50.000	47.720	4.6	100	-0.04
34 I	1,4-Difluorobenzene	50.000	50.000	0.0	105	-0.03
35 S	Dibromofluoromethane	50.000	53.065	-6.1	108	-0.04
36 T	1,1-Dichloropropene	50.000	48.060	3.9	100	-0.04
37 T	Ethyl Acetate	50.000	51.802	-3.6	107	-0.04
38 T	Carbon Tetrachloride	50.000	46.987	6.0	100	-0.03
39 T	Methylcyclohexane	50.000	49.063	1.9	100	-0.03
40 TM	Benzene	50.000	51.027	-2.1	106	-0.04
41 T	Methacrylonitrile	50.000	48.734	2.5	94	-0.05
42 TM	1,2-Dichloroethane	50.000	49.502	1.0	99	-0.04
43 T	Isopropyl Acetate	50.000	51.959	-3.9	101	-0.03
44 TM	Trichloroethene	50.000	53.506	-7.0	110	-0.04
45 C	1,2-Dichloropropane	50.000	51.653	-3.3#	104	-0.03

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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	52.567	-5.1	105	-0.03
47 T	Bromodichloromethane	50.000	50.659	-1.3	104	-0.03
48 T	Methyl methacrylate	50.000	50.211	-0.4	102	-0.03
49 T	1,4-Dioxane	1000.000	1154.978	-15.5	114	-0.04
50 S	Toluene-d8	50.000	51.316	-2.6	103	-0.03
51 T	4-Methyl-2-Pentanone	250.000	275.928	-10.4	103	-0.03
52 CM	Toluene	50.000	52.315	-4.6#	108	-0.03
53 T	t-1,3-Dichloropropene	50.000	50.524	-1.0	102	-0.03
54 T	cis-1,3-Dichloropropene	50.000	51.160	-2.3	105	-0.03
55 T	1,1,2-Trichloroethane	50.000	51.099	-2.2	110	-0.03
56 T	Ethyl methacrylate	50.000	51.890	-3.8	103	-0.03
57 T	1,3-Dichloropropane	50.000	52.434	-4.9	104	-0.02
58 T	2-Chloroethyl Vinyl ether	250.000	270.267	-8.1	114	-0.03
59 T	2-Hexanone	250.000	276.722	-10.7	104	-0.02
60 T	Dibromochloromethane	50.000	50.728	-1.5	102	-0.02
61 T	1,2-Dibromoethane	50.000	53.048	-6.1	106	-0.03
62 S	4-Bromofluorobenzene	50.000	51.591	-3.2	105	-0.02
63 I	Chlorobenzene-d5	50.000	50.000	0.0	105	-0.02
64 T	Tetrachloroethene	50.000	50.319	-0.6	106	-0.03
65 PM	Chlorobenzene	50.000	52.046	-4.1	107	-0.02
66 T	1,1,1,2-Tetrachloroethane	50.000	49.801	0.4	102	-0.02
67 C	Ethyl Benzene	50.000	49.650	0.7#	103	-0.02
68 T	m/p-Xylenes	100.000	101.551	-1.6	107	0.00
69 T	o-Xylene	50.000	52.255	-4.5	109	-0.02
70 T	Styrene	50.000	51.397	-2.8	107	-0.02
71 P	Bromoform	50.000	49.887	0.2	100	-0.02
72 I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	108	-0.02
73 T	Isopropylbenzene	50.000	49.401	1.2	107	0.00
74 T	N-amyl acetate	50.000	47.609	4.8	101	-0.02
75 P	1,1,2,2-Tetrachloroethane	50.000	51.345	-2.7	111	-0.02
76 T	1,2,3-Trichloropropane	50.000	49.293	1.4	103	-0.02
77 T	Bromobenzene	50.000	52.417	-4.8	111	0.00
78 T	n-propylbenzene	50.000	47.699	4.6	103	0.00
79 T	2-Chlorotoluene	50.000	48.785	2.4	105	-0.02
80 T	1,3,5-Trimethylbenzene	50.000	48.992	2.0	106	-0.02
81 T	trans-1,4-Dichloro-2-butene	50.000	47.436	5.1	99	-0.02
82 T	4-Chlorotoluene	50.000	48.521	3.0	106	-0.02
83 T	tert-Butylbenzene	50.000	45.473	9.1	97	-0.02
84 T	1,2,4-Trimethylbenzene	50.000	48.337	3.3	104	0.00
85 T	sec-Butylbenzene	50.000	47.671	4.7	100	0.00
86 T	p-Isopropyltoluene	50.000	49.682	0.6	107	-0.02
87 T	1,3-Dichlorobenzene	50.000	51.252	-2.5	110	-0.02
88 T	1,4-Dichlorobenzene	50.000	51.564	-3.1	111	-0.02
89 T	n-Butylbenzene	50.000	52.952	-5.9	111	-0.02

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
90 T	Hexachloroethane	50.000	47.449	5.1	101	0.00
91 T	1,2-Dichlorobenzene	50.000	52.204	-4.4	110	0.00
92 T	1,2-Dibromo-3-Chloropropane	50.000	45.905	8.2	95	-0.02
93 T	1,2,4-Trichlorobenzene	50.000	51.947	-3.9	108	-0.02
94 T	Hexachlorobutadiene	50.000	52.440	-4.9	111	0.00
95 T	Naphthalene	50.000	52.770	-5.5	109	-0.02
96 T	1,2,3-Trichlorobenzene	50.000	52.877	-5.8	110	-0.02

(#) = Out of Range

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