

Data Path : Z:\voasrv\HPCHEM1\MSVOA D\Data\VD073018\
 Data File : VD059625.D
 Acq On : 30 Jul 2018 17:45
 Operator : VA/AP
 Sample : VSTDCCC050
 Misc : 5.00g/5ml/MSVOA D/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_D
 LabSampleId :
 VSTDCCC050

Quant Time: Jul 31 05:00:47 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D072418S.M
 Quant Title : SW846 8260
 QLast Update : Wed Jul 25 07:10:33 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	102	0.00
2 T	Dichlorodifluoromethane	50.000	45.299	9.4	94	0.00
3 P	Chloromethane	50.000	39.679	20.6#	95	0.02
4 C	Vinyl Chloride	50.000	47.180	5.6#	99	0.00
5 T	Bromomethane	50.000	64.979	-30.0#	109	0.00
6 T	Chloroethane	50.000	88.517	-77.0#	105	0.02
7 T	Trichlorofluoromethane	50.000	56.180	-12.4	112	0.02
8 T	Diethyl Ether	50.000	51.565	-3.1	113	0.02
9 T	1,1,2-Trichlorotrifluoroeth	50.000	54.511	-9.0	112	0.02
10 T	Methyl Iodide	50.000	51.133	-2.3	110	0.02
11 T	Tert butyl alcohol	250.000	254.478	-1.8	106	0.00
12 CM	1,1-Dichloroethene	50.000	55.398	-10.8#	107	0.02
13 T	Acrolein	250.000	386.983	-54.8#	168	0.02
14 T	Allyl chloride	50.000	52.982	-6.0	108	0.02
15 T	Acrylonitrile	250.000	296.871	-18.7	124	0.00
16 T	Acetone	250.000	293.507	-17.4	121	0.00
17 T	Carbon Disulfide	50.000	49.751	0.5	100	0.00
18 T	Methyl Acetate	50.000	57.407	-14.8	125	0.02
19 T	Methyl tert-butyl Ether	50.000	69.734	-39.5#	153	0.00
20 T	Methylene Chloride	50.000	50.132	-0.3	113	0.00
21 T	trans-1,2-Dichloroethene	50.000	65.900	-31.8#	134	0.02
22 T	Diisopropyl ether	50.000	47.444	5.1	104	0.02
23 T	Vinyl Acetate	250.000	242.544	3.0	105	0.02
24 P	1,1-Dichloroethane	50.000	46.986	6.0	96	0.02
25 T	2-Butanone	250.000	242.639	2.9	110	0.02
26 T	2,2-Dichloropropane	50.000	52.897	-5.8	112	0.00
27 T	cis-1,2-Dichloroethene	50.000	50.503	-1.0	106	0.00
28 T	Bromochloromethane	50.000	50.061	-0.1	101	0.02
29	Tetrahydrofuran	250.000	226.946	9.2	100	0.02
30 C	Chloroform	50.000	52.055	-4.1#	113	0.02
31 T	Cyclohexane	50.000	49.632	0.7	104	0.00
32 T	1,1,1-Trichloroethane	50.000	52.492	-5.0	108	0.00
33 S	1,2-Dichloroethane-d4	50.000	52.985	-6.0	111	0.00
34 I	1,4-Difluorobenzene	50.000	50.000	0.0	101	0.00
35 S	Dibromofluoromethane	50.000	54.121	-8.2	105	0.00
36 T	1,1-Dichloropropene	50.000	53.266	-6.5	116	0.00
37 T	Ethyl Acetate	50.000	51.452	-2.9	105	0.02
38 T	Carbon Tetrachloride	50.000	54.173	-8.3	109	0.02
39 T	Methylcyclohexane	50.000	47.782	4.4	97	0.00
40 TM	Benzene	50.000	48.611	2.8	100	0.02
41 T	Methacrylonitrile	50.000	53.900	-7.8	117	0.02
42 TM	1,2-Dichloroethane	50.000	53.614	-7.2	107	0.00
43 T	Isopropyl Acetate	50.000	50.960	-1.9	103	0.00
44 TM	Trichloroethene	50.000	53.675	-7.3	106	0.00
45 C	1,2-Dichloropropane	50.000	49.346	1.3#	102	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
46 T	Dibromomethane	50.000	52.211	-4.4	107	0.00
47 T	Bromodichloromethane	50.000	53.909	-7.8	108	0.00
48 T	Methyl methacrylate	50.000	52.630	-5.3	104	0.00
49 T	1,4-Dioxane	1000.000	996.120	0.4	104	0.00
50 S	Toluene-d8	50.000	50.094	-0.2	101	0.00
51 T	4-Methyl-2-Pentanone	250.000	251.668	-0.7	107	0.00
52 CM	Toluene	50.000	49.325	1.3#	102	0.00
53 T	t-1,3-Dichloropropene	50.000	52.073	-4.1	110	0.00
54 T	cis-1,3-Dichloropropene	50.000	51.488	-3.0	108	0.00
55 T	1,1,2-Trichloroethane	50.000	51.174	-2.3	105	0.02
56 T	Ethyl methacrylate	50.000	52.681	-5.4	106	0.00
57 T	1,3-Dichloropropane	50.000	50.948	-1.9	106	0.00
58 T	2-Chloroethyl Vinyl ether	250.000	258.254	-3.3	100	0.02
59 T	2-Hexanone	250.000	237.552	5.0	105	0.00
60 T	Dibromochloromethane	50.000	52.605	-5.2	107	0.00
61 T	1,2-Dibromoethane	50.000	51.070	-2.1	106	0.00
62 S	4-Bromofluorobenzene	50.000	51.753	-3.5	108	0.00
63 I	Chlorobenzene-d5	50.000	50.000	0.0	98	0.00
64 T	Tetrachloroethene	50.000	51.891	-3.8	103	0.02
65 PM	Chlorobenzene	50.000	50.468	-0.9	100	0.00
66 T	1,1,1,2-Tetrachloroethane	50.000	53.232	-6.5	107	0.00
67 C	Ethyl Benzene	50.000	51.689	-3.4#	104	0.00
68 T	m/p-Xylenes	100.000	101.943	-1.9	105	0.00
69 T	o-Xylene	50.000	48.916	2.2	100	0.00
70 T	Styrene	50.000	50.392	-0.8	105	0.00
71 P	Bromoform	50.000	54.586	-9.2	105	0.00
72 I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	102	0.00
73 T	Isopropylbenzene	50.000	46.683	6.6	109	0.00
74 T	N-amyl acetate	50.000	48.849	2.3	109	0.00
75 P	1,1,2,2-Tetrachloroethane	50.000	49.332	1.3	106	0.00
76 T	1,2,3-Trichloropropane	50.000	48.886	2.2	104	0.00
77 T	Bromobenzene	50.000	50.022	-0.0	107	0.00
78 T	n-propylbenzene	50.000	46.315	7.4	102	0.00
79 T	2-Chlorotoluene	50.000	50.361	-0.7	110	0.00
80 T	1,3,5-Trimethylbenzene	50.000	49.695	0.6	110	0.00
81 T	trans-1,4-Dichloro-2-butene	50.000	48.546	2.9	104	0.00
82 T	4-Chlorotoluene	50.000	49.970	0.1	110	0.00
83 T	tert-Butylbenzene	50.000	49.666	0.7	109	0.00
84 T	1,2,4-Trimethylbenzene	50.000	48.391	3.2	105	0.00
85 T	sec-Butylbenzene	50.000	48.230	3.5	107	0.00
86 T	p-Isopropyltoluene	50.000	47.810	4.4	106	0.00
87 T	1,3-Dichlorobenzene	50.000	48.235	3.5	104	0.00
88 T	1,4-Dichlorobenzene	50.000	50.337	-0.7	106	0.00
89 T	n-Butylbenzene	50.000	48.204	3.6	106	0.00

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90 T	Hexachloroethane	50.000	48.645	2.7	104	0.00
91 T	1,2-Dichlorobenzene	50.000	47.139	5.7	106	0.00
92 T	1,2-Dibromo-3-Chloropropane	50.000	55.052	-10.1	115	0.00
93 T	1,2,4-Trichlorobenzene	50.000	50.723	-1.4	110	0.00
94 T	Hexachlorobutadiene	50.000	50.890	-1.8	108	0.00
95 T	Naphthalene	50.000	49.130	1.7	110	0.00
96 T	1,2,3-Trichlorobenzene	50.000	50.296	-0.6	112	0.00

(#) = Out of Range

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