

Data Path : Z:\voasrv\HPCHEM1\MSVOA D\Data\VD092818\
 Data File : VD060092.D
 Acq On : 28 Sep 2018 12:14
 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: Sep 28 23:25:52 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D091318S.M
 Quant Title : SW846 8260
 QLast Update : Thu Sep 13 16:17:40 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	112	0.03
2 T	Dichlorodifluoromethane	50.000	46.126	7.7	97	0.02
3 P	Chloromethane	50.000	50.934	-1.9	123	0.02
4 C	Vinyl Chloride	50.000	52.797	-5.6#	121	0.02
5 T	Bromomethane	50.000	64.077	-28.2#	104	0.02
6 T	Chloroethane	50.000	65.286	-30.6#	108	0.02
7 T	Trichlorofluoromethane	50.000	56.451	-12.9	116	0.02
8 T	Diethyl Ether	50.000	58.272	-16.5	123	0.02
9 T	1,1,2-Trichlorotrifluoroeth	50.000	58.692	-17.4	125	0.03
10 T	Methyl Iodide	50.000	61.990	-24.0#	121	0.03
11 T	Tert butyl alcohol	250.000	213.226	14.7	93	0.02
12 CM	1,1-Dichloroethene	50.000	58.615	-17.2#	125	0.02
13 T	Acrolein	250.000	211.698	15.3	102	0.02
14 T	Allyl chloride	50.000	57.205	-14.4	120	0.02
15 T	Acrylonitrile	250.000	247.496	1.0	106	0.02
16 T	Acetone	250.000	274.412	-9.8	121	0.02
17 T	Carbon Disulfide	50.000	53.275	-6.5	112	0.03
18 T	Methyl Acetate	50.000	62.853	-25.7#	137	0.02
19 T	Methyl tert-butyl Ether	50.000	51.123	-2.2	109	0.02
20 T	Methylene Chloride	50.000	54.932	-9.9	108	0.03
21 T	trans-1,2-Dichloroethene	50.000	51.047	-2.1	106	0.03
22 T	Diisopropyl ether	50.000	50.507	-1.0	105	0.03
23 T	Vinyl Acetate	250.000	247.491	1.0	102	0.03
24 P	1,1-Dichloroethane	50.000	52.587	-5.2	110	0.03
25 T	2-Butanone	250.000	233.452	6.6	105	0.03
26 T	2,2-Dichloropropane	50.000	53.296	-6.6	114	0.03
27 T	cis-1,2-Dichloroethene	50.000	52.621	-5.2	110	0.03
28 T	Bromochloromethane	50.000	51.442	-2.9	117	0.03
29	Tetrahydrofuran	250.000	236.199	5.5	101	0.03
30 C	Chloroform	50.000	51.399	-2.8#	107	0.03
31 T	Cyclohexane	50.000	47.724	4.6	102	0.03
32 T	1,1,1-Trichloroethane	50.000	51.557	-3.1	107	0.04
33 S	1,2-Dichloroethane-d4	50.000	49.383	1.2	111	0.03
34 I	1,4-Difluorobenzene	50.000	50.000	0.0	114	0.03
35 S	Dibromofluoromethane	50.000	50.774	-1.5	115	0.03
36 T	1,1-Dichloropropene	50.000	49.251	1.5	107	0.03
37 T	Ethyl Acetate	50.000	46.366	7.3	104	0.03
38 T	Carbon Tetrachloride	50.000	50.038	-0.1	106	0.04
39 T	Methylcyclohexane	50.000	50.364	-0.7	107	0.04
40 TM	Benzene	50.000	51.990	-4.0	109	0.03
41 T	Methacrylonitrile	50.000	26.847	46.3#	56	0.01
42 TM	1,2-Dichloroethane	50.000	49.899	0.2	107	0.03
43 T	Isopropyl Acetate	50.000	47.396	5.2	99	0.03
44 TM	Trichloroethene	50.000	51.857	-3.7	110	0.03
45 C	1,2-Dichloropropane	50.000	51.542	-3.1#	108	0.03

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
46 T	Dibromomethane	50.000	51.200	-2.4	107	0.04
47 T	Bromodichloromethane	50.000	52.023	-4.0	111	0.03
48 T	Methyl methacrylate	50.000	49.793	0.4	104	0.04
49 T	1,4-Dioxane	1000.000	940.570	5.9	98	0.03
50 S	Toluene-d8	50.000	50.595	-1.2	117	0.03
51 T	4-Methyl-2-Pentanone	250.000	228.683	8.5	107	0.03
52 CM	Toluene	50.000	51.277	-2.6#	109	0.03
53 T	t-1,3-Dichloropropene	50.000	50.434	-0.9	109	0.03
54 T	cis-1,3-Dichloropropene	50.000	50.127	-0.3	106	0.03
55 T	1,1,2-Trichloroethane	50.000	48.666	2.7	110	0.03
56 T	Ethyl methacrylate	50.000	50.376	-0.8	105	0.03
57 T	1,3-Dichloropropane	50.000	51.228	-2.5	109	0.03
58 T	2-Chloroethyl Vinyl ether	250.000	267.200	-6.9	121	0.03
59 T	2-Hexanone	250.000	232.043	7.2	105	0.03
60 T	Dibromochloromethane	50.000	51.658	-3.3	107	0.03
61 T	1,2-Dibromoethane	50.000	50.640	-1.3	110	0.02
62 S	4-Bromofluorobenzene	50.000	49.161	1.7	111	0.03
63 I	Chlorobenzene-d5	50.000	50.000	0.0	112	0.03
64 T	Tetrachloroethene	50.000	51.340	-2.7	107	0.03
65 PM	Chlorobenzene	50.000	53.831	-7.7	111	0.03
66 T	1,1,1,2-Tetrachloroethane	50.000	53.884	-7.8	109	0.02
67 C	Ethyl Benzene	50.000	53.264	-6.5#	109	0.02
68 T	m/p-Xylenes	100.000	109.608	-9.6	110	0.02
69 T	o-Xylene	50.000	53.355	-6.7	109	0.03
70 T	Styrene	50.000	53.961	-7.9	111	0.02
71 P	Bromoform	50.000	51.698	-3.4	103	0.02
72 I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	106	0.02
73 T	Isopropylbenzene	50.000	54.087	-8.2	106	0.03
74 T	N-amyl acetate	50.000	50.488	-1.0	101	0.02
75 P	1,1,2,2-Tetrachloroethane	50.000	51.160	-2.3	102	0.03
76 T	1,2,3-Trichloropropane	50.000	51.508	-3.0	102	0.02
77 T	Bromobenzene	50.000	53.994	-8.0	108	0.02
78 T	n-propylbenzene	50.000	54.436	-8.9	108	0.02
79 T	2-Chlorotoluene	50.000	52.976	-6.0	105	0.02
80 T	1,3,5-Trimethylbenzene	50.000	54.170	-8.3	105	0.02
81 T	trans-1,4-Dichloro-2-butene	50.000	51.943	-3.9	104	0.02
82 T	4-Chlorotoluene	50.000	53.100	-6.2	107	0.03
83 T	tert-Butylbenzene	50.000	54.856	-9.7	108	0.02
84 T	1,2,4-Trimethylbenzene	50.000	52.323	-4.6	106	0.03
85 T	sec-Butylbenzene	50.000	54.336	-8.7	108	0.03
86 T	p-Isopropyltoluene	50.000	54.083	-8.2	104	0.02
87 T	1,3-Dichlorobenzene	50.000	54.859	-9.7	109	0.03
88 T	1,4-Dichlorobenzene	50.000	53.307	-6.6	106	0.02
89 T	n-Butylbenzene	50.000	59.348	-18.7	111	0.02

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90 T	Hexachloroethane	50.000	56.060	-12.1	106	0.02
91 T	1,2-Dichlorobenzene	50.000	58.092	-16.2	110	0.02
92 T	1,2-Dibromo-3-Chloropropane	50.000	49.154	1.7	110	0.03
93 T	1,2,4-Trichlorobenzene	50.000	55.047	-10.1	106	0.02
94 T	Hexachlorobutadiene	50.000	54.820	-9.6	107	0.02
95 T	Naphthalene	50.000	51.115	-2.2	101	0.02
96 T	1,2,3-Trichlorobenzene	50.000	50.885	-1.8	99	0.02

(#) = Out of Range

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