

Data Path : Z:\voasrv\HPCHEM1\MSVOA D\Data\VD081618\
 Data File : VD059807.D
 Acq On : 16 Aug 2018 12:15
 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: Aug 17 01:08:11 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D081518S.M
 Quant Title : SW846 8260
 QLast Update : Wed Aug 15 16:08:23 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	115	-0.01
2 T	Dichlorodifluoromethane	50.000	46.486	7.0	105	0.00
3 P	Chloromethane	50.000	47.208	5.6	104	0.00
4 C	Vinyl Chloride	50.000	50.065	-0.1#	111	0.00
5 T	Bromomethane	50.000	51.325	-2.7	91	0.00
6 T	Chloroethane	50.000	47.278	5.4	90	0.00
7 T	Trichlorofluoromethane	50.000	45.531	8.9	98	0.00
8 T	Diethyl Ether	50.000	53.770	-7.5	117	0.00
9 T	1,1,2-Trichlorotrifluoroeth	50.000	47.451	5.1	107	-0.01
10 T	Methyl Iodide	50.000	43.461	13.1	95	-0.01
11 T	Tert butyl alcohol	250.000	222.891	10.8	92	0.00
12 CM	1,1-Dichloroethene	50.000	48.867	2.3#	107	-0.01
13 T	Acrolein	250.000	303.098	-21.2#	130	0.00
14 T	Allyl chloride	50.000	48.622	2.8	109	-0.01
15 T	Acrylonitrile	250.000	225.297	9.9	97	0.00
16 T	Acetone	250.000	319.772	-27.9#	135	0.00
17 T	Carbon Disulfide	50.000	51.610	-3.2	109	0.00
18 T	Methyl Acetate	50.000	50.002	-0.0	113	0.00
19 T	Methyl tert-butyl Ether	50.000	48.642	2.7	109	-0.01
20 T	Methylene Chloride	50.000	48.764	2.5	114	-0.01
21 T	trans-1,2-Dichloroethene	50.000	45.234	9.5	97	0.00
22 T	Diisopropyl ether	50.000	45.888	8.2	101	-0.01
23 T	Vinyl Acetate	250.000	241.601	3.4	106	0.00
24 P	1,1-Dichloroethane	50.000	44.332	11.3	101	-0.01
25 T	2-Butanone	250.000	273.682	-9.5	115	-0.01
26 T	2,2-Dichloropropane	50.000	52.845	-5.7	121	-0.01
27 T	cis-1,2-Dichloroethene	50.000	46.941	6.1	107	0.00
28 T	Bromochloromethane	50.000	48.039	3.9	105	-0.01
29	Tetrahydrofuran	250.000	243.464	2.6	109	-0.01
30 C	Chloroform	50.000	45.562	8.9#	103	-0.01
31 T	Cyclohexane	50.000	43.755	12.5	109	-0.01
32 T	1,1,1-Trichloroethane	50.000	49.098	1.8	110	-0.01
33 S	1,2-Dichloroethane-d4	50.000	52.254	-4.5	110	-0.01
34 I	1,4-Difluorobenzene	50.000	50.000	0.0	107	0.00
35 S	Dibromofluoromethane	50.000	52.593	-5.2	107	-0.01
36 T	1,1-Dichloropropene	50.000	49.962	0.1	107	-0.01
37 T	Ethyl Acetate	50.000	53.830	-7.7	110	0.00
38 T	Carbon Tetrachloride	50.000	51.102	-2.2	107	-0.01
39 T	Methylcyclohexane	50.000	49.839	0.3	100	0.00
40 TM	Benzene	50.000	47.957	4.1	99	-0.01
41 T	Methacrylonitrile	50.000	54.663	-9.3	102	-0.01
42 TM	1,2-Dichloroethane	50.000	53.296	-6.6	111	-0.01
43 T	Isopropyl Acetate	50.000	53.000	-6.0	106	-0.01
44 TM	Trichloroethene	50.000	49.922	0.2	106	-0.01
45 C	1,2-Dichloropropane	50.000	51.350	-2.7#	101	-0.01

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
46 T	Dibromomethane	50.000	50.744	-1.5	104	-0.01
47 T	Bromodichloromethane	50.000	51.067	-2.1	105	0.00
48 T	Methyl methacrylate	50.000	54.150	-8.3	106	-0.01
49 T	1,4-Dioxane	1000.000	1165.250	-16.5	116	-0.01
50 S	Toluene-d8	50.000	53.553	-7.1	110	-0.01
51 T	4-Methyl-2-Pentanone	250.000	278.467	-11.4	103	0.00
52 CM	Toluene	50.000	47.865	4.3#	100	-0.01
53 T	t-1,3-Dichloropropene	50.000	52.981	-6.0	111	0.00
54 T	cis-1,3-Dichloropropene	50.000	52.389	-4.8	105	0.00
55 T	1,1,2-Trichloroethane	50.000	47.821	4.4	101	-0.01
56 T	Ethyl methacrylate	50.000	52.177	-4.4	104	0.00
57 T	1,3-Dichloropropane	50.000	49.900	0.2	107	-0.01
58 T	2-Chloroethyl Vinyl ether	250.000	254.805	-1.9	111	-0.01
59 T	2-Hexanone	250.000	309.735	-23.9#	116	0.00
60 T	Dibromochloromethane	50.000	53.477	-7.0	108	-0.01
61 T	1,2-Dibromoethane	50.000	52.304	-4.6	109	-0.01
62 S	4-Bromofluorobenzene	50.000	51.526	-3.1	106	0.00
63 I	Chlorobenzene-d5	50.000	50.000	0.0	107	0.00
64 T	Tetrachloroethene	50.000	47.902	4.2	102	-0.01
65 PM	Chlorobenzene	50.000	47.896	4.2	104	-0.01
66 T	1,1,1,2-Tetrachloroethane	50.000	53.028	-6.1	111	0.00
67 C	Ethyl Benzene	50.000	50.298	-0.6#	110	0.00
68 T	m/p-Xylenes	100.000	98.160	1.8	107	0.00
69 T	o-Xylene	50.000	48.818	2.4	105	0.00
70 T	Styrene	50.000	48.537	2.9	102	-0.01
71 P	Bromoform	50.000	55.217	-10.4	110	-0.01
72 I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	111	0.00
73 T	Isopropylbenzene	50.000	47.543	4.9	105	0.00
74 T	N-amyl acetate	50.000	52.727	-5.5	108	0.00
75 P	1,1,2,2-Tetrachloroethane	50.000	50.189	-0.4	108	0.00
76 T	1,2,3-Trichloropropane	50.000	51.489	-3.0	113	-0.01
77 T	Bromobenzene	50.000	47.703	4.6	101	-0.01
78 T	n-propylbenzene	50.000	47.898	4.2	107	0.00
79 T	2-Chlorotoluene	50.000	48.539	2.9	106	0.00
80 T	1,3,5-Trimethylbenzene	50.000	49.097	1.8	108	0.00
81 T	trans-1,4-Dichloro-2-butene	50.000	58.968	-17.9	122	0.00
82 T	4-Chlorotoluene	50.000	47.802	4.4	107	-0.01
83 T	tert-Butylbenzene	50.000	49.570	0.9	111	0.00
84 T	1,2,4-Trimethylbenzene	50.000	48.586	2.8	107	0.00
85 T	sec-Butylbenzene	50.000	48.806	2.4	108	0.00
86 T	p-Isopropyltoluene	50.000	49.726	0.5	112	0.00
87 T	1,3-Dichlorobenzene	50.000	48.359	3.3	110	0.00
88 T	1,4-Dichlorobenzene	50.000	48.613	2.8	107	0.00
89 T	n-Butylbenzene	50.000	47.155	5.7	105	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
90 T	Hexachloroethane	50.000	51.991	-4.0	109	0.00
91 T	1,2-Dichlorobenzene	50.000	48.564	2.9	109	0.00
92 T	1,2-Dibromo-3-Chloropropane	50.000	56.284	-12.6	108	0.00
93 T	1,2,4-Trichlorobenzene	50.000	50.524	-1.0	104	0.00
94 T	Hexachlorobutadiene	50.000	50.047	-0.1	109	0.00
95 T	Naphthalene	50.000	49.977	0.0	107	0.00
96 T	1,2,3-Trichlorobenzene	50.000	52.483	-5.0	114	0.00

(#) = Out of Range

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