

Data Path : Z:\voasrv\HPCHEM1\MSVOA D\Data\VD041619\
 Data File : VD061804.D
 Acq On : 16 Apr 2019 11:29
 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: Apr 16 11:52:16 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D041519S.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 16 08:53:01 2019
 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	110	-0.04
2 T	Dichlorodifluoromethane	50.000	52.826	-5.7	116	0.00
3 P	Chloromethane	50.000	50.111	-0.2	118	-0.02
4 C	Vinyl Chloride	50.000	54.926	-9.9#	116	-0.02
5 T	Bromomethane	50.000	60.355	-20.7#	115	-0.02
6 T	Chloroethane	50.000	53.894	-7.8	99	-0.02
7 T	Trichlorofluoromethane	50.000	48.120	3.8	106	-0.02
8 T	Diethyl Ether	50.000	51.826	-3.7	111	-0.03
9 T	1,1,2-Trichlorotrifluoroeth	50.000	54.052	-8.1	124	-0.03
10 T	Methyl Iodide	50.000	47.182	5.6	103	-0.02
11 T	Tert butyl alcohol	250.000	253.416	-1.4	111	-0.03
12 CM	1,1-Dichloroethene	50.000	52.867	-5.7#	119	-0.02
13 T	Acrolein	250.000	302.111	-20.8#	153	-0.02
14 T	Allyl chloride	50.000	54.943	-9.9	119	-0.03
15 T	Acrylonitrile	250.000	241.044	3.6	107	-0.04
16 T	Acetone	250.000	320.350	-28.1#	135	-0.03
17 T	Carbon Disulfide	50.000	53.772	-7.5	117	-0.02
18 T	Methyl Acetate	50.000	46.746	6.5	109	-0.03
19 T	Methyl tert-butyl Ether	50.000	49.920	0.2	110	-0.03
20 T	Methylene Chloride	50.000	51.499	-3.0	114	-0.03
21 T	trans-1,2-Dichloroethene	50.000	50.728	-1.5	111	-0.04
22 T	Diisopropyl ether	50.000	52.096	-4.2	112	-0.04
23 T	Vinyl Acetate	250.000	261.674	-4.7	113	-0.05
24 P	1,1-Dichloroethane	50.000	52.482	-5.0	118	-0.05
25 T	2-Butanone	250.000	271.991	-8.8	122	-0.04
26 T	2,2-Dichloropropane	50.000	50.876	-1.8	115	-0.05
27 T	cis-1,2-Dichloroethene	50.000	50.230	-0.5	113	-0.04
28 T	Bromochloromethane	50.000	46.194	7.6	105	-0.05
29	Tetrahydrofuran	250.000	256.542	-2.6	112	-0.04
30 C	Chloroform	50.000	50.132	-0.3#	107	-0.05
31 T	Cyclohexane	50.000	53.316	-6.6	112	-0.04
32 T	1,1,1-Trichloroethane	50.000	53.962	-7.9	117	-0.05
33 S	1,2-Dichloroethane-d4	50.000	45.141	9.7	107	-0.04
34 I	1,4-Difluorobenzene	50.000	50.000	0.0	110	-0.04
35 S	Dibromofluoromethane	50.000	46.696	6.6	112	-0.04
36 T	1,1-Dichloropropene	50.000	54.637	-9.3	122	-0.03
37 T	Ethyl Acetate	50.000	49.161	1.7	110	-0.03
38 T	Carbon Tetrachloride	50.000	56.955	-13.9	128	-0.04
39 T	Methylcyclohexane	50.000	53.266	-6.5	119	-0.03
40 TM	Benzene	50.000	52.006	-4.0	111	-0.03
41 T	Methacrylonitrile	50.000	51.200	-2.4	116	-0.04
42 TM	1,2-Dichloroethane	50.000	51.040	-2.1	117	-0.04
43 T	Isopropyl Acetate	50.000	51.910	-3.8	111	-0.03
44 TM	Trichloroethene	50.000	53.596	-7.2	116	-0.04
45 C	1,2-Dichloropropane	50.000	52.609	-5.2#	118	-0.04

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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	49.063	1.9	106	-0.03
47 T	Bromodichloromethane	50.000	51.842	-3.7	109	-0.03
48 T	Methyl methacrylate	50.000	47.505	5.0	101	-0.03
49 T	1,4-Dioxane	1000.000	998.456	0.2	104	-0.04
50 S	Toluene-d8	50.000	48.402	3.2	115	-0.03
51 T	4-Methyl-2-Pentanone	250.000	253.402	-1.4	112	-0.04
52 CM	Toluene	50.000	51.068	-2.1#	117	-0.03
53 T	t-1,3-Dichloropropene	50.000	50.435	-0.9	107	-0.03
54 T	cis-1,3-Dichloropropene	50.000	52.562	-5.1	113	-0.03
55 T	1,1,2-Trichloroethane	50.000	52.871	-5.7	118	-0.03
56 T	Ethyl methacrylate	50.000	51.562	-3.1	122	-0.03
57 T	1,3-Dichloropropane	50.000	52.643	-5.3	121	-0.03
58 T	2-Chloroethyl Vinyl ether	250.000	234.566	6.2	122	-0.03
59 T	2-Hexanone	250.000	272.997	-9.2	124	-0.02
60 T	Dibromochloromethane	50.000	50.923	-1.8	106	-0.03
61 T	1,2-Dibromoethane	50.000	47.986	4.0	105	-0.03
62 S	4-Bromofluorobenzene	50.000	43.314	13.4	108	-0.02
63 I	Chlorobenzene-d5	50.000	50.000	0.0	109	-0.03
64 T	Tetrachloroethene	50.000	52.531	-5.1	116	-0.03
65 PM	Chlorobenzene	50.000	50.441	-0.9	113	-0.03
66 T	1,1,1,2-Tetrachloroethane	50.000	49.431	1.1	111	-0.02
67 C	Ethyl Benzene	50.000	48.169	3.7#	113	-0.03
68 T	m/p-Xylenes	100.000	101.951	-2.0	109	-0.02
69 T	o-Xylene	50.000	49.645	0.7	119	-0.03
70 T	Styrene	50.000	49.844	0.3	115	-0.02
71 P	Bromoform	50.000	54.608	-9.2	118	-0.02
72 I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	109	0.00
73 T	Isopropylbenzene	50.000	52.085	-4.2	117	-0.02
74 T	N-amyl acetate	50.000	50.220	-0.4	114	-0.02
75 P	1,1,2,2-Tetrachloroethane	50.000	53.007	-6.0	107	0.00
76 T	1,2,3-Trichloropropane	50.000	51.519	-3.0	106	-0.02
77 T	Bromobenzene	50.000	55.073	-10.1	116	-0.02
78 T	n-propylbenzene	50.000	55.209	-10.4	113	-0.02
79 T	2-Chlorotoluene	50.000	49.544	0.9	107	-0.02
80 T	1,3,5-Trimethylbenzene	50.000	51.469	-2.9	120	-0.02
81 T	trans-1,4-Dichloro-2-butene	50.000	50.815	-1.6	117	-0.02
82 T	4-Chlorotoluene	50.000	47.296	5.4	108	-0.02
83 T	tert-Butylbenzene	50.000	51.945	-3.9	107	-0.02
84 T	1,2,4-Trimethylbenzene	50.000	51.827	-3.7	105	-0.02
85 T	sec-Butylbenzene	50.000	53.665	-7.3	115	-0.02
86 T	p-Isopropyltoluene	50.000	53.514	-7.0	114	-0.02
87 T	1,3-Dichlorobenzene	50.000	51.457	-2.9	108	-0.02
88 T	1,4-Dichlorobenzene	50.000	50.664	-1.3	106	0.00
89 T	n-Butylbenzene	50.000	48.999	2.0	106	-0.02

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90 T	Hexachloroethane	50.000	54.678	-9.4	109	-0.02
91 T	1,2-Dichlorobenzene	50.000	48.840	2.3	105	-0.02
92 T	1,2-Dibromo-3-Chloropropane	50.000	51.666	-3.3	107	-0.02
93 T	1,2,4-Trichlorobenzene	50.000	51.972	-3.9	114	-0.02
94 T	Hexachlorobutadiene	50.000	47.365	5.3	99	-0.02
95 T	Naphthalene	50.000	52.252	-4.5	101	0.00
96 T	1,2,3-Trichlorobenzene	50.000	45.230	9.5	93	0.00

(#) = Out of Range

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