

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD082019\
 Data File : VD063674.D
 Acq On : 20 Aug 2019 10:08
 Operator : JC/SY
 Sample : VSTDCCC050
 Misc : 5.00g/5ml/MSVOA D/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_D
 LabSampleId :
 VSTDCCC050

Quant Time: Aug 20 10:32:03 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D080919S.M
 Quant Title : SW846 8260
 QLast Update : Sat Aug 10 06:42:47 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	95	-0.04
2 T	Dichlorodifluoromethane	50.000	43.903	12.2	85	-0.02
3 P	Chloromethane	50.000	44.306	11.4	90	0.00
4 C	Vinyl Chloride	50.000	47.669	4.7#	89	-0.03
5 T	Bromomethane	50.000	48.886	2.2	86	-0.03
6 T	Chloroethane	50.000	47.803	4.4	88	-0.02
7 T	Trichlorofluoromethane	50.000	48.878	2.2	89	-0.02
8 T	Diethyl Ether	50.000	46.954	6.1	89	-0.03
9 T	1,1,2-Trichlorotrifluoroeth	50.000	49.017	2.0	92	-0.03
10 T	Methyl Iodide	50.000	46.359	7.3	84	-0.03
11 T	Tert butyl alcohol	250.000	249.315	0.3	92	-0.03
12 CM	1,1-Dichloroethene	50.000	46.485	7.0#	83	-0.03
13 T	Acrolein	250.000	218.939	12.4	91	-0.03
14 T	Allyl chloride	50.000	50.376	-0.8	96	-0.03
15 T	Acrylonitrile	250.000	258.678	-3.5	95	-0.04
16 T	Acetone	250.000	285.266	-14.1	97	-0.03
17 T	Carbon Disulfide	50.000	44.568	10.9	85	-0.03
18 T	Methyl Acetate	50.000	45.070	9.9	93	-0.03
19 T	Methyl tert-butyl Ether	50.000	55.320	-10.6	102	-0.03
20 T	Methylene Chloride	50.000	42.716	14.6	86	-0.03
21 T	trans-1,2-Dichloroethene	50.000	50.840	-1.7	91	-0.04
22 T	Diisopropyl ether	50.000	49.916	0.2	93	-0.04
23 T	Vinyl Acetate	250.000	256.083	-2.4	96	-0.04
24 P	1,1-Dichloroethane	50.000	49.943	0.1	94	-0.04
25 T	2-Butanone	250.000	278.518	-11.4	102	-0.04
26 T	2,2-Dichloropropane	50.000	51.217	-2.4	96	-0.04
27 T	cis-1,2-Dichloroethene	50.000	49.988	0.0	93	-0.03
28 T	Bromochloromethane	50.000	50.319	-0.6	92	-0.04
29	Tetrahydrofuran	250.000	234.533	6.2	87	-0.04
30 C	Chloroform	50.000	48.720	2.6#	93	-0.04
31 T	Cyclohexane	50.000	43.740	12.5	79	-0.03
32 T	1,1,1-Trichloroethane	50.000	50.713	-1.4	94	-0.04
33 S	1,2-Dichloroethane-d4	50.000	51.074	-2.1	85	-0.03
34 I	1,4-Difluorobenzene	50.000	50.000	0.0	96	-0.04
35 S	Dibromofluoromethane	50.000	51.359	-2.7	83	-0.03
36 T	1,1-Dichloropropene	50.000	50.167	-0.3	91	-0.04
37 T	Ethyl Acetate	50.000	52.385	-4.8	96	-0.04
38 T	Carbon Tetrachloride	50.000	54.076	-8.2	91	-0.03
39 T	Methylcyclohexane	50.000	48.391	3.2	84	-0.03
40 TM	Benzene	50.000	49.441	1.1	88	-0.03
41 T	Methacrylonitrile	50.000	48.585	2.8	87	-0.04
42 TM	1,2-Dichloroethane	50.000	49.976	0.0	90	-0.04
43 T	Isopropyl Acetate	50.000	54.795	-9.6	100	-0.04
44 TM	Trichloroethene	50.000	49.804	0.4	95	-0.03
45 C	1,2-Dichloropropane	50.000	52.628	-5.3#	98	-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	48.439	3.1	86	-0.03
47 T	Bromodichloromethane	50.000	51.606	-3.2	96	-0.03
48 T	Methyl methacrylate	50.000	50.080	-0.2	92	-0.03
49 T	1,4-Dioxane	1000.000	947.923	5.2	88	-0.04
50 S	Toluene-d8	50.000	53.170	-6.3	83	-0.03
51 T	4-Methyl-2-Pentanone	250.000	265.538	-6.2	102	-0.03
52 CM	Toluene	50.000	49.289	1.4#	94	-0.03
53 T	t-1,3-Dichloropropene	50.000	54.024	-8.0	97	-0.03
54 T	cis-1,3-Dichloropropene	50.000	51.392	-2.8	92	-0.03
55 T	1,1,2-Trichloroethane	50.000	50.149	-0.3	94	-0.03
56 T	Ethyl methacrylate	50.000	51.806	-3.6	92	-0.03
57 T	1,3-Dichloropropane	50.000	51.679	-3.4	95	-0.03
58 T	2-Chloroethyl Vinyl ether	250.000	297.922	-19.2	98	-0.03
59 T	2-Hexanone	250.000	285.822	-14.3	98	-0.03
60 T	Dibromochloromethane	50.000	51.589	-3.2	93	-0.03
61 T	1,2-Dibromoethane	50.000	51.402	-2.8	96	-0.03
62 S	4-Bromofluorobenzene	50.000	47.190	5.6	83	-0.02
63 I	Chlorobenzene-d5	50.000	50.000	0.0	92	-0.03
64 T	Tetrachloroethene	50.000	47.223	5.6	85	-0.03
65 PM	Chlorobenzene	50.000	51.207	-2.4	93	-0.02
66 T	1,1,1,2-Tetrachloroethane	50.000	52.978	-6.0	96	-0.03
67 C	Ethyl Benzene	50.000	52.045	-4.1#	93	-0.03
68 T	m/p-Xylenes	100.000	103.714	-3.7	95	-0.03
69 T	o-Xylene	50.000	49.492	1.0	89	-0.02
70 T	Styrene	50.000	48.724	2.6	90	-0.02
71 P	Bromoform	50.000	54.842	-9.7	97	-0.02
72 I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	92	-0.02
73 T	Isopropylbenzene	50.000	48.551	2.9	85	-0.02
74 T	N-amyl acetate	50.000	53.993	-8.0	95	-0.02
75 P	1,1,2,2-Tetrachloroethane	50.000	50.651	-1.3	90	-0.02
76 T	1,2,3-Trichloropropane	50.000	54.383	-8.8	97	-0.02
77 T	Bromobenzene	50.000	52.173	-4.3	95	-0.02
78 T	n-propylbenzene	50.000	50.669	-1.3	93	-0.03
79 T	2-Chlorotoluene	50.000	52.966	-5.9	98	-0.02
80 T	1,3,5-Trimethylbenzene	50.000	50.569	-1.1	90	-0.02
81 T	trans-1,4-Dichloro-2-butene	50.000	50.212	-0.4	89	-0.02
82 T	4-Chlorotoluene	50.000	50.759	-1.5	92	-0.02
83 T	tert-Butylbenzene	50.000	50.258	-0.5	91	-0.02
84 T	1,2,4-Trimethylbenzene	50.000	53.154	-6.3	94	-0.02
85 T	sec-Butylbenzene	50.000	52.544	-5.1	100	-0.02
86 T	p-Isopropyltoluene	50.000	51.697	-3.4	90	-0.02
87 T	1,3-Dichlorobenzene	50.000	47.502	5.0	87	-0.02
88 T	1,4-Dichlorobenzene	50.000	49.433	1.1	90	-0.02
89 T	n-Butylbenzene	50.000	52.735	-5.5	99	-0.02

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90 T	Hexachloroethane	50.000	52.504	-5.0	96	-0.02
91 T	1,2-Dichlorobenzene	50.000	49.191	1.6	91	-0.02
92 T	1,2-Dibromo-3-Chloropropane	50.000	50.060	-0.1	93	-0.02
93 T	1,2,4-Trichlorobenzene	50.000	56.886	-13.8	98	-0.02
94 T	Hexachlorobutadiene	50.000	53.476	-7.0	94	-0.02
95 T	Naphthalene	50.000	48.888	2.2	89	-0.02
96 T	1,2,3-Trichlorobenzene	50.000	53.789	-7.6	99	-0.02

(#) = Out of Range

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