

Data Path : Z:\voasrv\HPCHEM1\MSVOA D\Data\VD060319\
 Data File : VD062580.D
 Acq On : 3 Jun 2019 12:24
 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: Jun 04 05:58:03 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D053019S.M
 Quant Title : SW846 8260
 QLast Update : Fri May 31 02:08:29 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	102	0.00
2 T	Dichlorodifluoromethane	50.000	48.240	3.5	102	0.00
3 P	Chloromethane	50.000	40.701	18.6	82	0.00
4 C	Vinyl Chloride	50.000	52.328	-4.7#	100	0.00
5 T	Bromomethane	50.000	83.532	-67.1#	126	0.00
6 T	Chloroethane	50.000	56.276	-12.6	98	0.00
7 T	Trichlorofluoromethane	50.000	53.833	-7.7	102	0.00
8 T	Diethyl Ether	50.000	58.243	-16.5	110	0.00
9 T	1,1,2-Trichlorotrifluoroeth	50.000	52.029	-4.1	100	-0.01
10 T	Methyl Iodide	50.000	62.519	-25.0#	98	0.00
11 T	Tert butyl alcohol	250.000	268.080	-7.2	103	-0.01
12 CM	1,1-Dichloroethene	50.000	52.250	-4.5#	98	0.00
13 T	Acrolein	250.000	283.697	-13.5	110	0.00
14 T	Allyl chloride	50.000	55.342	-10.7	100	0.00
15 T	Acrylonitrile	250.000	276.186	-10.5	104	-0.01
16 T	Acetone	250.000	267.528	-7.0	99	0.00
17 T	Carbon Disulfide	50.000	50.336	-0.7	94	0.00
18 T	Methyl Acetate	50.000	44.899	10.2	100	0.00
19 T	Methyl tert-butyl Ether	50.000	54.961	-9.9	101	-0.01
20 T	Methylene Chloride	50.000	50.893	-1.8	99	-0.01
21 T	trans-1,2-Dichloroethene	50.000	55.918	-11.8	107	-0.01
22 T	Diisopropyl ether	50.000	52.349	-4.7	96	0.00
23 T	Vinyl Acetate	250.000	279.932	-12.0	100	-0.01
24 P	1,1-Dichloroethane	50.000	53.880	-7.8	99	-0.01
25 T	2-Butanone	250.000	267.670	-7.1	95	0.00
26 T	2,2-Dichloropropane	50.000	55.206	-10.4	104	-0.01
27 T	cis-1,2-Dichloroethene	50.000	52.656	-5.3	96	-0.01
28 T	Bromochloromethane	50.000	50.829	-1.7	101	-0.01
29	Tetrahydrofuran	250.000	266.940	-6.8	93	0.00
30 C	Chloroform	50.000	57.133	-14.3#	103	-0.01
31 T	Cyclohexane	50.000	54.583	-9.2	100	-0.01
32 T	1,1,1-Trichloroethane	50.000	57.658	-15.3	106	-0.01
33 S	1,2-Dichloroethane-d4	50.000	50.082	-0.2	92	-0.01
34 I	1,4-Difluorobenzene	50.000	50.000	0.0	100	0.00
35 S	Dibromofluoromethane	50.000	50.396	-0.8	89	-0.01
36 T	1,1-Dichloropropene	50.000	53.421	-6.8	99	-0.01
37 T	Ethyl Acetate	50.000	49.351	1.3	95	-0.01
38 T	Carbon Tetrachloride	50.000	59.473	-18.9	106	-0.01
39 T	Methylcyclohexane	50.000	52.670	-5.3	100	-0.01
40 TM	Benzene	50.000	53.876	-7.8	99	-0.01
41 T	Methacrylonitrile	50.000	53.057	-6.1	97	-0.01
42 TM	1,2-Dichloroethane	50.000	57.547	-15.1	101	-0.01
43 T	Isopropyl Acetate	50.000	56.959	-13.9	98	0.00
44 TM	Trichloroethene	50.000	56.012	-12.0	104	0.00
45 C	1,2-Dichloropropane	50.000	53.841	-7.7#	94	-0.01

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 Max. RRF Dev : 20% Max. Rel. Area : 150%

	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
46 T	Dibromomethane	50.000	55.940	-11.9	99	-0.01
47 T	Bromodichloromethane	50.000	55.722	-11.4	100	-0.01
48 T	Methyl methacrylate	50.000	56.230	-12.5	98	-0.01
49 T	1,4-Dioxane	1000.000	1249.009	-24.9#	112	0.00
50 S	Toluene-d8	50.000	45.199	9.6	83	0.00
51 T	4-Methyl-2-Pentanone	250.000	270.437	-8.2	96	0.00
52 CM	Toluene	50.000	55.206	-10.4#	99	-0.01
53 T	t-1,3-Dichloropropene	50.000	55.695	-11.4	97	0.00
54 T	cis-1,3-Dichloropropene	50.000	56.853	-13.7	99	0.00
55 T	1,1,2-Trichloroethane	50.000	54.316	-8.6	99	0.00
56 T	Ethyl methacrylate	50.000	55.835	-11.7	107	0.00
57 T	1,3-Dichloropropane	50.000	55.233	-10.5	100	0.00
58 T	2-Chloroethyl Vinyl ether	250.000	263.480	-5.4	100	-0.01
59 T	2-Hexanone	250.000	285.545	-14.2	99	0.00
60 T	Dibromochloromethane	50.000	57.188	-14.4	101	0.00
61 T	1,2-Dibromoethane	50.000	57.553	-15.1	102	-0.01
62 S	4-Bromofluorobenzene	50.000	45.824	8.4	86	0.00
63 I	Chlorobenzene-d5	50.000	50.000	0.0	104	-0.01
64 T	Tetrachloroethene	50.000	50.261	-0.5	94	0.00
65 PM	Chlorobenzene	50.000	55.409	-10.8	100	0.00
66 T	1,1,1,2-Tetrachloroethane	50.000	54.198	-8.4	95	0.00
67 C	Ethyl Benzene	50.000	52.401	-4.8#	96	0.00
68 T	m/p-Xylenes	100.000	112.950	-13.0	108	0.00
69 T	o-Xylene	50.000	51.671	-3.3	96	0.00
70 T	Styrene	50.000	52.031	-4.1	98	0.00
71 P	Bromoform	50.000	55.000	-10.0	102	-0.01
72 I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	105	0.00
73 T	Isopropylbenzene	50.000	49.783	0.4	100	-0.01
74 T	N-amyl acetate	50.000	50.809	-1.6	104	-0.01
75 P	1,1,2,2-Tetrachloroethane	50.000	51.128	-2.3	96	0.00
76 T	1,2,3-Trichloropropane	50.000	52.557	-5.1	102	0.00
77 T	Bromobenzene	50.000	52.813	-5.6	99	0.00
78 T	n-propylbenzene	50.000	55.384	-10.8	113	0.00
79 T	2-Chlorotoluene	50.000	54.352	-8.7	109	0.00
80 T	1,3,5-Trimethylbenzene	50.000	53.560	-7.1	103	0.00
81 T	trans-1,4-Dichloro-2-butene	50.000	52.337	-4.7	101	-0.01
82 T	4-Chlorotoluene	50.000	54.118	-8.2	109	0.00
83 T	tert-Butylbenzene	50.000	51.502	-3.0	104	0.00
84 T	1,2,4-Trimethylbenzene	50.000	50.050	-0.1	106	0.00
85 T	sec-Butylbenzene	50.000	49.850	0.3	100	-0.01
86 T	p-Isopropyltoluene	50.000	54.604	-9.2	108	0.00
87 T	1,3-Dichlorobenzene	50.000	54.537	-9.1	106	-0.01
88 T	1,4-Dichlorobenzene	50.000	51.208	-2.4	97	0.00
89 T	n-Butylbenzene	50.000	55.290	-10.6	105	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
90 T	Hexachloroethane	50.000	52.094	-4.2	102	0.00
91 T	1,2-Dichlorobenzene	50.000	54.531	-9.1	106	0.00
92 T	1,2-Dibromo-3-Chloropropane	50.000	50.586	-1.2	87	0.00
93 T	1,2,4-Trichlorobenzene	50.000	51.004	-2.0	97	0.00
94 T	Hexachlorobutadiene	50.000	55.565	-11.1	105	0.00
95 T	Naphthalene	50.000	51.581	-3.2	96	0.00
96 T	1,2,3-Trichlorobenzene	50.000	51.971	-3.9	100	0.00

(#) = Out of Range

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